

# **PRE-FEASIBILITY REPORT**

**For**  
**EXPANSION OF CEMENT PLANT CAPACITY**  
**CLINKER: 3.50 MTPA to 7.00 MTPA &**  
**CEMENT: 3.90 MTPA to 7.40 MTPA**

**By**  
**ENHANCEMENT OF CAPACITY OF UNIT - IV**  
**CLINKER PRODUCTION: 1.75 MTPA TO 3.5 MTPA**  
**CEMENT PRODUCTION: 1.75 MTPA TO 3.5 MTPA**  
**ALONGWITH 14 MW WHRB POWER PLANT**

**EC Granted for Unit - IV: J-11011/215/2013-IA II (I) 14.09.2015**

- |                               |   |                        |
|-------------------------------|---|------------------------|
| <b>1. Clinker - 1.75 MTPA</b> | } | <b>Not Implemented</b> |
| <b>2. Cement - 1.75 MTPA</b>  |   |                        |

**At**

**MELLACHERUVU (V & M), SURYAPET (D)**  
**TELANGANA STATE**

**By**



**MY HOME INDUSTRIES PRIVATE LIMITED**

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## **CHAPTER – 1 EXECUTIVE SUMMARY**

### **1. EXECUTIVE SUMMARY**

**My Home Industries Private Limited (MHIPL)** is operating Integrated cement plant with three production lines i.e., Unit- I, Unit – II, and Unit – III located at Mellacheruvu Village & Mandal, Suryapet District, Telangana State with Clinker production capacity of 3.50 MTPA and Cement of 3.90 MTPA. Environmental Clearance for was obtained from MoEFCC vide J-11011/215/2013-IA II (I) dated 21.01.2020 (EC copy enclosed as **Annexure - 1**)

The Cement Plant is supported by five Captive Limestone Mines viz, My Home Limestone Mine, Yepalmadhavaram Limestone Mine - I, Choutapalli Limestone Mine; Choutapalli Limestone Mine-II and Yepalmadhavaram Limestone Mine-II.

MHIPL has also obtained Environmental Clearance from MoEF&CC for setting up of new Unit – IV with clinker capacity- 1.75 MTPA & Cement -1.75 MTPA, proposed within existing cement plant premises vide EC F.No.J-11011/215/2013-IA II (I) 14.09.2015 which is valid for 10 years i.e upto 14.09.2025 as per MoEFCC notification S.O. 1807 (E) dt 12.04.2022 (EC copy enclosed as **Annexure - 2**).

#### **STATUS/ IMPLEMENTATION OF UNIT – IV:**

Construction activity for Unit – IV for existing sanctioned capacity has been initiated. MHIPL obtained Consent to operate (CTO) from State PCB from time to time for existing operating cement plant and Consent to establishment (CTE) for Unit-IV construction. CTO valid upto **30.06.2026** and CTE for Unit-IV is valid upto **29.05.2024** enclosed as **Annexure -3**.

Looking to the increasing demand of cement, MHIPL is planning new cement grinding units in eastern and central India and hence proposing enhancement in production capacity of Cement Plant Unit-IV which is under construction stage.

#### **PRESENT PROPOSAL**

New Unit-IV with Clinker and Cement production capacity of 1.75 MTPA respectively is under construction for existing sanctioned capacity. MHIPL propose to obtain environmental clearance for Unit-IV Clinker capacity from 1.75 MTPA to 3.5 MTPA and Cement capacity 1.75 MTPA to 3.5 MTPA along with 14 MW capacity WHRB power plant. The following table shows the present capacities and capacities after proposed enhancement.

**TABLE - 1**  
**CEMENT PLANT CAPACITIES (MTPA)**

Unit Details	Sanctioned capacities as per Existing ECs (MTPA)		Implemented capacities as on date (MTPA)		Proposed Expansion capacities (MTPA)		Total (MTPA)	
	Clinker	Cement	Clinker	Cement	Clinker	Cement	Clinker	Cement
Unit - I	0.80	0.792	0.80	0.792	--	--	0.80	0.792
Unit - II	1.30	1.108	1.30	1.108	--	--	1.30	1.108
Unit - III	1.40	2.00	1.40	2.00	--	--	1.40	2.00
Unit - IV	1.75	1.75	Not Implemented		<b>*3.50</b>	<b>*3.50</b>	<b>*3.50</b>	<b>*3.50</b>
<b>Total</b>	<b>5.25</b>	<b>5.65</b>	<b>3.50</b>	<b>3.90</b>	<b>3.50</b>	<b>3.50</b>	<b>7.00</b>	<b>7.40</b>

*\* Unit - IV is under construction for existing sanctioned capacity.*

Existing integrated Cement Plant premises is in 160 ha, completely owned by MHIPL. New Unit - IV is proposed within existing cement plant premises. **No additional area will be required for Installation of New Unit - IV.** No R&R is involved. No Forest area is involved.

The change in various environmental components of EC granted Capacity for Unit - IV and Proposed increase of clinker and cement capacity of the Unit - IV detailed below **Table - 2:**

**TABLE - 2**  
**COMPARISION STATEMENT FOR UNIT IV ONLY**

Description	New Unit - IV		Remarks	
	EC Granted (J-11011/215/2013-IA II (I) 14.09.2015)	EC Requested		
<b>Cost of the Project, Rs. crores</b>	355	1620	100% Capacity Enhancement & Installation of 14 MW WHRB	
<b>Production Capacities (in MTPA)</b>	Clinker Production	<b>1.75</b>	Enhancement of production by 100 %	
	Cement Production	<b>1.75</b>		
	WHRB Power, MW	<b>0</b>	<b>14</b>	Additional Proposal
<b>Raw Material Requirement (in MTPA)</b>	Limestone	2.60	Additional consumption	
	Laterite	0.27		
	Gypsum	0.08		
	Fly ash for PPC	0.61		
	Iron Ore	0.10		
	Bauxite	-		
	Slag	-	0.30	Additional
<b>FUEL (in MTPA)</b>	Coal for Clinker (Max)	0.30	0.64	Additional consumption
<b>POLLUTION LOAD (Kg/Hr)</b>				
<b>AIR EMISSIONS</b>				
Particulate Matter		50.8	81.28	Increase
Sulphur Dioxide		59.7	95.52	Increase

Description	New Unit - IV		Remarks
	EC Granted (J-11011/215/2013-IA II (I) 14.09.2015)	EC Requested	
Oxides of Nitrogen	348.8	558.08	Increase
<b>WATER ENVIRONMENT</b>			
Water Requirement, m <sup>3</sup> /day	800	2800	1000 m <sup>3</sup> /day for Unit - IV Cement plant & 1800 m <sup>3</sup> /day for 14 MW WHR power plant
Waste Water Generation, m <sup>3</sup> /day	50	180(approx..)	
<b>LAND ENVIRONMENT</b>			
Land use breakup, Ha	160	160	No Change, No additional Land
Solid waste Generation	No Solid waste will be generated	No Solid waste will be generated	-
<b>OTHERS</b>			
Man Power, Additional	100	500	Increase Man Power and Preferable to Locals
Quarters at Colony	50	60	Increasing
Power Requirement, MW	30	32	Proposed 14 MW WHRB & Existing Plants

In view of the above table, MHIPL requests MOEF&CC to Unit-IV Clinker capacity from 1.75 MTPA to 3.5 MTPA and Cement capacity 1.75 MTPA to 3.5 MTPA along with 14 MW capacity WHRB power plant. The following table shows the present capacities and capacities after proposed enhancement.

**TABLE - 3  
PROPOSED ENHANCEMENT**

Particulars	Granted capacity as per EC dt 14.09.2015 (MTPA)	Proposed enhancement	Total enhanced capacity
<b>Clinker</b>	1.75	1.75 MTPA	3.5 MTPA
<b>Cement</b>	1.75	1.75 MTPA	3.5 MTPA
<b>WHRB PP</b>	---	14.0 MW	14.0 MW

The principal raw materials are Limestone, iron ore, Coal and Gypsum. The major raw material, limestone will be met from Captive limestone mines. The Cement Plant is supported by five Captive Limestone Mines viz, My Home Limestone Mine, Yepalmadhavaram Limestone Mine - I, Choutapalli Limestone Mine; Choutapalli Limestone Mine-II and Yepalmadhavaram Limestone Mine-II.

Indian Coal required for Cement plant will be sourced from Coal fields of Singareni Collieries Company Limited (SCCL)/Imported coal. or by E-Auction.

Water requirement for cement plant increases from 1260 m<sup>3</sup>/day to 2260 m<sup>3</sup>/day. Water requirement for 14 MW WHR power plant will be about 1800 m<sup>3</sup>/day. The above requirement will be met from river water source, ground water and Mine Sump. MHIPL has obtained necessary permission from concerned departments.

Wastewater generated is only from domestic activities at cement plant and residential colony. A full fledge sewage treatment plant (STP) is in operation designed for a maximum load of 400 m<sup>3</sup>/day. Treated domestic wastewater is 100% reused for greenbelt development within MHIPL cement plant complex.

The total manpower requirement for new Unit-IV cement plant will be about 500 directly and about 1000 indirectly during operation phase.

The project is based on Clinkerization factor of 1.50 on kiln feed basis with specific heat consumption of 700 Kcal/ kg clinker.

No solid waste generation from the plant, except the garbage generated from domestic sector.

There is no wild life sanctuary, national park, eco-sensitive area within the 10 km radius of the project site.

Infrastructure include roads, storm water drains with adequate storage space for clinker and flyash and parking area will be developed. Existing infrastructure like cement plant main approach roads, railway siding can be utilized for transportation of incoming raw materials and outgoing products like clinker, cement.

MHIPL has developed greenbelt in 62.4 ha in & around cement plant premises covering about 39 % of area. Additional greenbelt of about 7 ha will be developed.

The peak power consumption in the MHIPL Cement plant complex including mine is 30 MW. The Power requirement is met from existing captive thermal power plant and grid. Additional power required for the proposed expansion is about 32 MW. Additional power requirement will be met from proposed WHRB power plant and grid.

Plant is expected to be commissioned in 24 months from date of commencement of construction.

Overall estimated project cost is **Rs. 1620 crores**, including 14 MW capacity WHRB Power Plant.

## **CHAPTER – 2**

### **INTRODUCTION OF THE PROJECT/ BACKGROUND INFORMATION**

#### **2.1 Identification of project and project proponent. In case of mining project, a copy of mining lease / letter of intent should be given.**

My Home Industries Private Limited (MHIPL) is a company under “My Home Group”, registered under Companies Act 2013, having Corporate Identity Number (CIN) U26942TG1984PTC004951. It has been incorporated on 05.09.1984 and having its Registered Office at 9<sup>th</sup> Floor, Block-3, My Home Hub, Madhapur, Hyderabad, Telangana – 500081, India. My Home Group has its business in Construction, Cement, Power and Education. Cement is marketed under brand “MAHA CEMENT”.

MHIPL has integrated cement plant (Mellacheruvu Cement Works) with three production lines i.e., Unit- I, Unit – II, and Unit – III located at Mellacheruvu Village & Mandal, Suryapet District, Telangana State with Clinker production capacity of 3.50 MTPA and Cement of 3.90 MTPA. MHIPL also has 2.0 MTPA capacity cement grinding unit in Mulakalapalli, Anakapalli District (earlier Vishakhapatnam district) in Andhra Pradesh & 1.5 MTPA capacity cement grinding unit in Thoothukudi, Tamilnadu. MHIPL has also acquired Sree Jayajothi Cements Private Limited (SJCPL) in 2013, located in Nandyal District (earlier kurnool district) in Andhra Pradesh, having a cement production unit of 3.2 MTPA capacity.

MHIPL has 75 MW Captive Thermal Power Plant & 14 MW WHRB Power Plant at Mellacheruvu and 11 MW Solar Power Plant & 7 MW WHRB Power Plant at SJCPL.

Now, MHIPL is proposing to set up a Cement Grinding Unit of 3.0 MTPA capacity (1.5 MTPA in Phase-1 & 1.5 MTPA in Phase-2) at Byree Village under Darpan Tahasil of Jajpur Dist. in Odisha to cater to the growing demand of cement in Odisha and other neighboring states.

This proposed capacity increase of Unit-IV will enable the company to maximize its profitability by optimum utilization of latest technology, manpower and capital. The cost of production will substantially reduce due to optimization of raw materials, power, fuel, financial charges and other fixed overheads on account of large scale economics due to higher volume of production and sales. AFR feeding facility is also proposed to reduced fossil fuel and carbon footprint. It would enable the company to withstand against the considerable competitive pressure from the large-scale units in the country and also to create wider brand loyalty for the product.

## **MELLACHERUVU CEMENT WORKS:**

Mellacheruvu Cement Works has integrated cement plant with three production lines i.e., Unit- I, Unit – II, and Unit – III located at Mellacheruvu Village & Mandal, Suryapet District, Telangana State with Clinker production capacity of 3.50 MTPA and Cement of 3.90 MTPA. The cement plant was established with world class equipment and technology from national and internationally renowned suppliers like FLSmidth, LNV, KHD Humboldt, Walchandnagar Industries, etc.

Cement Plant is supported by five Captive Limestone Mines viz, My Home Limestone Mine, Yepalmadhavaram Limestone Mine and Choutapalli Limestone Mine; Choutapalli Limestone Mine-II and My Home Limestone Mine-II.

Cement Plant is also supported by 75 MW Captive Thermal Power Plant & 14 MW capacity WHRB Power Plant.

MHIPL has separate railway siding from Mellacheruvu Station connecting to Jaggayyapet Station for transporting raw materials and cement. MHIPL has well laid down policy for integrated management system and Cement Plant including captive limestone mines & captive power plants are certified as per latest international standard QMS - ISO 9000:2015 and EMS- ISO 14001:2015, OSHAS – ISO 45001:2018 and energy management system ISO 50001:2018.

MHIPL propose to obtain environmental clearance for Unit-IV Clinker capacity from 1.75 MTPA to 3.5 MTPA and Cement capacity 1.75 MTPA to 3.5 MTPA along with 14 MW capacity WHRB power plant.

## **2.2 Brief description of nature of the project**

**PROJECT: My Home Industries Private Limited (MHIPL)** is operating Integrated cement plant with three production lines i.e., Unit- I, Unit – II, and Unit – III located at Mellacheruvu Village & Mandal, Suryapet District, Telangana State with Clinker production capacity of 3.50 MTPA and Cement of 3.90 MTPA. Environmental Clearance for was obtained from MoEFCC vide J-11011/215/2013-IA II (I) dated 21.01.2020.

Certified Compliance Statement of earlier EC issued by Regional Office, MoEFCC, Chennai vide F.No. EP/12.1/205/AP/0576 Dated 11/02/2019 & 08.04.2019 is enclosed as **Annexure – 4** and Latest six-monthly EC Compliance report (October 2021 to March 2022) is enclosed as **Annexure - 5**

The Consent for Operation (CFO) of Existing units of Cement plant and Coal based Captive Power Plant was obtained from time to time and latest CFO of Existing cement plant obtained from Telangana State Pollution Control Board vide Order No. 210822979374 with validity upto 30.06.2026.

All CTOs obtained till now alongwith current CTO of Cement Plant is Enclosed as **Annexure – 6**.

MHIPL has also obtained Environmental Clearance from MoEF&CC for setting up of new Unit – IV with production capacity of clinker - 1.75 MTPA Clinker & Cement -1.75 MTPA proposed within existing cement plant premises vide EC F.No.J-11011/215/2013-IA II (I) 14.09.2015, which is valid for 10 years i.e upto 14.09.2025 as per MoEFCC notification S.O. 1807 (E) dt 12.04.2022. Unit – IV is presently under construction.

MHIPL propose to obtain environmental clearance for Unit-IV Clinker capacity from 1.75 MTPA to 3.5 MTPA and Cement capacity 1.75 MTPA to 3.5 MTPA along with 14 MW capacity WHRB power plant.

#### **CEMENT PLANT CAPACITIES (MTPA)**

Unit Details	Sanctioned capacities as per Existing ECs (MTPA)		Implemented capacities as on date (MTPA)		Proposed Expansion capacities (MTPA)		Total (MTPA)	
	Clinker	Cement	Clinker	Cement	Clinker	Cement	Clinker	Cement
Unit – I	0.80	0.792	0.80	0.792	--	--	0.80	0.792
Unit – II	1.30	1.108	1.30	1.108	--	--	1.30	1.108
Unit – III	1.40	2.00	1.40	2.00	--	--	1.40	2.00
Unit – IV	1.75	1.75	Not Implemented		<b>*3.50</b>	<b>*3.50</b>	<b>*3.50</b>	<b>*3.50</b>
<b>Total</b>	<b>5.25</b>	<b>5.65</b>	<b>3.50</b>	<b>3.90</b>	<b>3.50</b>	<b>3.50</b>	<b>7.00</b>	<b>7.40</b>

*\* Unit - IV is under construction for existing granted capacity.*

The estimated total cost of the project is **Rs. 1620 Crores**. Including the cost of 14 MW WHRB power plant.

### **2.3 Need for the project and its importance to the country and or region.**

India is the second largest producer of cement in the world. It accounts for more than 7% of the global installed capacity. India has a lot of potential for development in the infrastructure and construction sector and the cement sector is expected to largely benefit from it. Some of the recent initiatives, such as development of 98 smart cities, is expected to provide a major boost to the sector.

India's overall cement production capacity was nearly 581 million tonnes in FY21. Out of the total capacity, 98% lies with the private sector and the rest with public sector. The top 20 companies account for around 70% of the total cement production in India. As India has a high quantity and quality of well distributed limestone deposits through-out the country, the cement industry promises huge potential for growth. Cement production reached 360 million tonnes in FY21 and is expected to reach 390 million tonnes in FY22.

India's overall cement production accounted for 360 million tonnes (MT) in FY21. The cement production is expected to increase by 10% to 12% and the utilization is expected around 65% in FY22.

Growth in Infrastructure and real estate sector, post-COVID-19 pandemic, is likely to augment the demand for cement in 2022. In the third quarter of FY21, Indian cement companies reported a healthy growth in earnings and demand for the industry increased on the back of resuming construction activities post COVID-19 lockdown imposed by the government in spite of high fuel and energy cost in the second half of FY 21 the Government of India & State Govts are strongly focused on infrastructure development and housing for all to boost economic growth and is aiming for 100 smart cities. The Government also intends to expand the capacity of railways and the facilities for handling and storage to ease the transportation of cement and reduce transportation cost, freight corridors, express highway projects, new ports, inland water ways, Metrorail projects, etc. These measures would lead to an increased construction activity, thereby boosting cement demand. The Union Budget allocated Rs. 13,750 crore (US\$ 1.88 billion) and Rs. 12,294 crore (US\$ 1.68 billion) for Urban Rejuvenation Mission: AMRUT and Smart Cities Mission and Swachh Bharat Mission, respectively and Rs. 27,500 crore (US\$ 3.77 billion) has been allotted under Pradhan Mantri Awas Yojana.

**Source:** <https://www.ibef.org/industry/cement-india.aspx>

## **2.4 Demand – supply Gap**

Cement production reached 360 million tonnes in FY 2021 and is projected to reach 390 million tonnes by FY 2022. However, the consumption stood at 360 MT in FY 2021 and will reach 390 million tonnes by FY 2022. The cement production capacity in FY 2021 touch 588 million tonnes. As India has a high quantity and quality of limestone deposits through-out the country, the cement industry promises huge potential for growth.

In 2021, working remotely is being adopted at a fast pace and demand for affordable houses with ticket size below Rs. 40-50 lakh is expected to rise in Tier 2 and 3 cities, leading to an increase in demand of cement.

Due to the increasing demand in various sectors such as housing, commercial construction and industrial construction, cement industry is expected to reach 550-600 million tonnes per annum (MTPA) by the year 2025.

Source: <https://www.ibef.org/industry/cement-india.aspx>

- Considering then cement market conditions and Govt policies MHIPL has planned cement plant for production capacity of clinker 1.75 MTPA and cement 1.75 MTPA. Further, project implementation got delayed due to market conditions and COVID 19 pandemic situation. Government announcements in November-December 2020 regarding key infrastructure projects such as National Highway projects in Nagaland, Rajasthan, Karnataka and Telangana & several other infrastructural development projects.
- Such is the importance of Cement Projects that by the year 2025, the increasing demand in various sectors such as housing, commercial construction and industrial construction, cement industry is expected to reach 550-600 MTPA, generating huge revenues and boosting the country's economy.
- The housing sector is the biggest demand driver of cement, accounting for about 67 per cent of the total consumption in India. The other major consumers of cement include infrastructure at 13 per cent, commercial construction at 11 per cent and industrial construction at nine per cent. In order to meet the increasing demand, most cement plants are making efforts to achieve higher production levels, at times by stretching the existing production facilities and by adding additional capacities.
- The Indian Cement Industry has been a first mover with regard to keeping pace with changing socio-economic and environmental paradigms, whether it is adoption of new technologies, adhering to stricter environmental standards or utilizing other industries' waste produce.
- Looking to the increasing demand of cement, **MHIPL is planning new cement grinding units in eastern and central India** and hence proposing enhancement in production capacity of Cement Plant Unit-IV which is under construction stage.

#### **PROPOSED ENHANCEMENT**

<b>Particulars</b>	<b>Granted capacity as per EC dt 14.09.2015 (MTPA)</b>	<b>Proposed enhancement</b>	<b>Total enhanced capacity</b>
<b>Clinker</b>	1.75	1.75 MTPA	3.5 MTPA
<b>Cement</b>	1.75	1.75 MTPA	3.5 MTPA
<b>WHRB PP</b>	---	14.0 MW	14.0 MW

## **2.5 Imports Vs. Indigenous production**

Dominated by domestic players, the Indian cement industry has been at the forefront of adopting next- generation technologies to improve its productivity as well as reduce its carbon footprint by moving towards Sustainable Development Goals.

Its position as a key building material enables cement to take up a fundamental role as the binding force for all infrastructure projects, such as roads, bridges, housing, sanitation and water conservation, and by extension, contribute to the building of the nation.

Indian Cement Industry has been on a sustained growth path adding capacity, driven largely by construction sector and the ambitious infrastructural projects announced by the government time to time.

## **2.6 Export possibility**

Presently no export of cement outside the country is planned.

## **2.7 Domestic / export markets**

The expansion of cement plant will meet the domestic markets demand.

## **2.8 Employment generation (direct and indirect) due to the project.**

The project will create employment for about 1500 people during construction phase for about 24 months. During operation phase the project will create direct employment to about 500 people and indirect employment to about 1000 people through auxiliary services. Several other indirect employment opportunities will be created in the surrounding areas like transport related, business, workshops, grocery and retails, medical, etc.

**CHAPTER – 3**  
**PROJECT DESCRIPTION**

**3.1 Type of project including interlinked and interdependent projects, if any**

MHIPL propose to obtain environmental clearance for Unit-IV Clinker capacity from 1.75 MTPA to 3.5 MTPA and Cement capacity 1.75 MTPA to 3.5 MTPA along with 14 MW capacity WHRB power plant.

**INTERLINKED PROJECTS**

With increase of clinker production capacity, the limestone requirement increases from Captive Limestone Mines. The following table is for justification of limestone required for cement plant

**TABLE - 4**  
**JUSTIFICATION OF LIMESTONE REQUIRED (MTPA)**

<b>Cement Plant</b>	<b>Clinker Production (MTPA)</b>	<b>Required Limestone (Clinkerisation factor: 1.50 MTPA)</b>
Unit -I	0.8	1.2
Unit -II	1.3	1.95
Unit -III	1.4	2.1
Proposed expansion (Unit-IV)	3.5	5.25
<b>Total</b>	<b>7.0</b>	<b>10.5</b>
<b>Limestone requirement – 10.5 MTPA</b>		
<b>Limestone approval available - 8.15MTPA</b>		
<b>Expansion in Limestone mines also is being planned.</b>		

**TABLE - 5**  
**MHIPL, CAPTIVE LIMESTONE CAPACITIES**

<b>No.</b>	<b>Captive Limestone Mine</b>	<b>EC details</b>	<b>EC approved capacity (MTPA)</b>	<b>Remarks</b>
1	Mellacheruvu Limestone Mine, located at Mellacheruvu village & Mandal, Suryapet Dist	J-11015/113/2013-A-II (M) dated 22.07.2015	1.95	Mine in operation
2	Yepalamadhavaram Limestone Mine, located at Yepalamadhavaram village, Mellacheruvu village & Mandal, Suryapet Dist	J-11015/37/2002-IA-II (M) dated 12.03.2004	0.66	Mine in operation
3	Choutapalli Limestone Mines, located at Choutapalli village & Mattampalli Mandal, Suryapet Dist	J-11015/576/2007-IA.II (M) dated 26.06.2006 and J-11015/25/2006-IA.II (M) dated 31.07.2008	1.82	Mine in operation
4	Choutapalli Limestone	J-11015/445/2013-IA.II	2.72	Mine in

No.	Captive Limestone Mine	EC details	EC approved capacity (MTPA)	Remarks
	Mine-II, located at Mellacheruvu village of Mellacheruvu Mandal and Choutapalli village, Mattampalli Mandal, Suryapet Dist	(M) dated 14.10.2016		operation
5	Yapalamadaram Limestone Mine 2, located at Mellacheruvu & Yepalamadhavarm villages of Mellacheruvu Mandal, Suryapet Dist	J-11015/21/2017-IA-II(M) dated 14.02.2022	1.00	CFO issued on 30.06.2022, Mine yet to be opened
<b>Total capacity</b>			<b>8.15</b>	
<ul style="list-style-type: none"> <li>The Choutapalli mine have been planned for enhancement of production from 2.72 MTPA to 5.50 MTPA</li> <li><b>Total Capacity of Limestone: 8.15+2.78=10.93 MTPA</b></li> </ul>				

### 3.2 Location (map showing general location, specific location, and project boundary & project site layout) with co-ordinates.

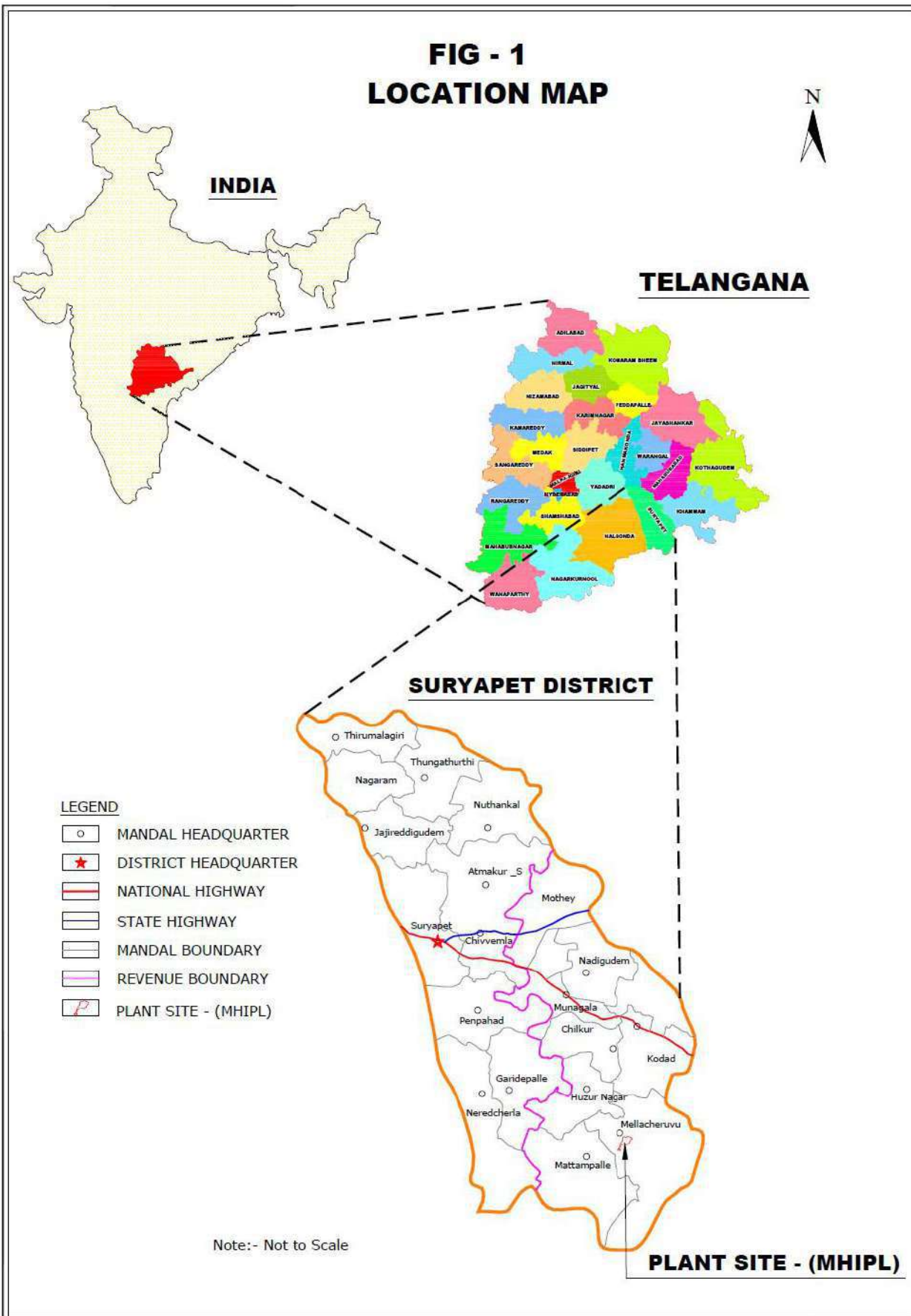
Cement Plant of MHIPL is located at Mellacheruvu Village & Mandal in Suryapet District. The total area of the plant falls under the Survey of India Topo sheet No. 56 P/13 (Scale: 1:50,000). The plant site is located between North latitude 160 47' 47.16" N - 160 48' 58.83" N and East longitude 790 54' 9.53" E - 790 55' 27.80" E **Fig - 1** shows the location map of the site.

The captive limestone mines are located at a distance of about 0.5 and 3.0 km respectively in the east and south east directions respectively and colony is at 0.5 km on western direction of the cement plant. The nearest village Mellacheruvu is at 0.12 km north of Cement plant.

Nearest railway line connecting Guntur - Nalgonda of Southern Railway line is located at a distance of 28.41 km in SW from the Plant site. Nearest railway line connecting Nalgonda - Vijayawada of Southern Railway line is located at a distance of 0.02 km in N from the Plant site. Krishna River is located at a distance of about 11.08 km in SSW direction to the Plant site with flow from SW to SE with respect to Plant site. Key map showing the location of various features around the Plant is shown in **Fig - 2**. Miryalaguda is major town located at a distance of about 37.35 km in WNW direction to the Plant site.

The National Highway (NH-65) Connecting Vijayawada - Hyderabad is at a distance of 20.21 km from the Plant site in NE direction.

**FIG - 1  
LOCATION MAP**





The State Highway (SH-268) Connecting Dachepally – Huzurnagar is at a distance of 3.47 km from the Plant site in Western direction.

Nearest Major Road connecting Mallareddygudem – Mellacheruvu is at a distance of 1.04 km – ENE direction.

Nearest railway station is Mellacheruvu RS which is at 0.56 km in E from the Plant site. Nearest Major railway station is Nadikudi Jn. RS which is at 29.71 km in SW from the Plant site.

Various cement industries which are located within 10 km radius of the plant site are:

1. Keerthi Industries Ltd (Suvarna Cements) – 0.23 km – S
2. Sagar Plant site – 5.01 km – SW
3. Sri Lalitha Cements – 6.95 km – SSW
4. Bheema Cements – 7.56 km – ENE
5. Priya Cement (Rain Industries) – 7.00 km – ENE
6. Vishwam Cements – 4.79 km – ENE
7. Grey Gold Cements – 4.51 km – SW

Salient features of Plant site are given in **Table - 6** and **Fig 3** shows the study area of 10 km radius around the Plant site.

No national park/wildlife sanctuary/biosphere reserve/tiger reserve /elephant reserve etc. are reported to be located in the core and buffer zone of the project.

Nearest Settlements from the Plant site

- Mellacheruvu – 0.12 km – NNE
- Venkataramapuram – 1.60 km – W
- Chautpalli – 2.60 km – W

Nearest Forest from the Plant site is Yepalmadhavaram RF -1.07 km – SE.

### **3.3 Details of alternate sites considered and the basis of selecting the proposed site, particularly the environmental considerations gone into should be highlighted.**

As the expansion is proposed in the existing premises, no alternate site considered or proposed for the proposed project.

### **3.4 Size or magnitude of operation**

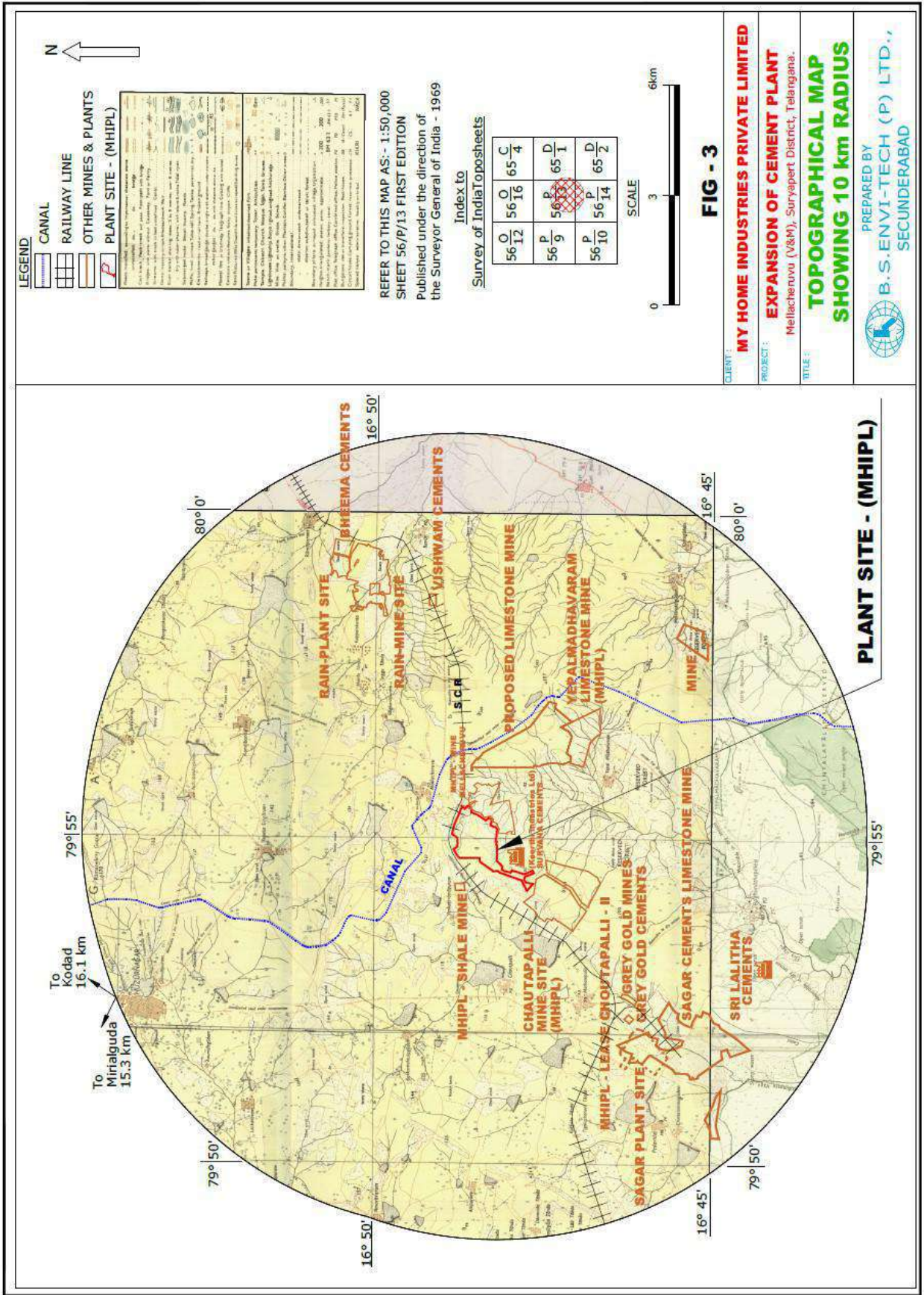
The size of the Unit-IV will be for Clinker Capacity - 3.5 MTPA and Cement capacity 3.5 MTPA.

The Limestone requirement is being planned from Choutapalli Limestone Mine – II (156.58 ha) which will be enhanced from 2.72 MTPA to 5.5 MTPA.

**TABLE – 6: SALIENT FEATURES OF THE PLANT SITE**

Feature	Plant site
Altitude	106 m above msl
Survey of India Toposheet No.	56 P/13 (Scale: 1:50,000)
Longitude & Latitude	Longitude: Between 790 54' 9.53" E - 790 55' 27.80" E Latitude: Between 160 47' 47.16" N - 160 48' 58.83" N" North
Village, District, State	Mellacheruvu Village and Mandal, Suryapet District, Telangana
District head quarter	Suryapet – 46.98 km - NW
IMD Station	Kammam
Temperature oC	20 - 42
Annual rainfall, mm	991
Topography	Plain
Soil Type	Clay
Nearest River	<ul style="list-style-type: none"> <li>• Krishna River – 10.96 km – SSW</li> <li>• Ura Vagu – Adjacent</li> <li>• Gundla Vagu – 8.18km – SE</li> <li>• Canal – 0.68km - NNE</li> </ul>
Nearest Highway	<ul style="list-style-type: none"> <li>• National Highway (NH-65)-Vijayawada-Hyderabad- 20.21 km – NE</li> <li>• State Highway (SH-268) - Dacheppally – Huzurnagar - 3.47 km - W</li> <li>• Major Road Mallareddygudem – Mellacheruvu – 1.04 km – ENE</li> </ul>
Nearest Railway station	<ul style="list-style-type: none"> <li>• Nadikudi Jn RS - 29.71 km – SW</li> <li>• Mellacheruvu RS – 0.56km – E</li> <li>• Railway siding – Adjacent - N</li> </ul>
Nearest Industries	<p><b>Industries:</b></p> <ul style="list-style-type: none"> <li>• Keerthi Industries Ltd (Suvarna Cements) – 0.23 km – S</li> <li>• Sagar Plant site – 5.01 km – SW</li> <li>• Sri Lalitha Cements – 6.95 km – SSW</li> <li>• Bheema Cements – 7.56 km – ENE</li> <li>• Priya Cement (Rain Industries) – 7.00 km – ENE</li> <li>• Vishwam Cements – 4.79 km – ENE</li> <li>• Grey Gold Cements – 4.51 km – SW</li> </ul> <p><b>Mines:</b></p> <ul style="list-style-type: none"> <li>• Chautapalli Mine Site (MHIPL) – Adjacent – S</li> <li>• MHIL - Lease Choutapalli - II – Adjacent – S</li> <li>• MHIPL – MINE Mellacheruvu – Adjacent – E</li> <li>• PROPOSED LIMESTONE MINE – 1.06 km - E</li> <li>• Yepalmadhavaram Mine – 2.61 km – SE</li> <li>• Rain Mine – 5-50 km – ENE</li> <li>• MHIPL - SHALE MINE – 0.60 km - W</li> <li>• Sagar Limestone Mine – 5-60 km - SSW</li> <li>• Grey Gold Mines – 4.00 km – SW</li> <li>• Mine (Mallareddy gudem) – 7.30 km – SSE</li> </ul>
Nearest Village	<ul style="list-style-type: none"> <li>• Mellacheruvu – 0.12 km – NNE</li> <li>• Venkataramapuram – 1.60 km – W</li> <li>• Chautpalli – 2.60 km – W</li> </ul>
National Parks/Bird Sanctuaries	None Within 10 km Radius.
Interstate Boundary	Telangana – Andhra Pradesh – 9.86km - ENE
Nearest Town	Miryalaguda - 37.35 km - WNW
Nearest City	Nalgonda – 73.06 km -WNW
Nearest Air port	Shamshabad (Hyderabad) – 161.92 km - WNW
Nearest Forests	<ul style="list-style-type: none"> <li>• Yepalmadhavaram RF -1.07 km - SE</li> <li>• Chintalapalem RF – 7.06 km - SE</li> <li>• Pittalasarikota RF - 8.00 km - SSW</li> <li>• Sultanpur RF - 8.07 km - SW</li> <li>• Gurramboodu RF - 7.71 km - WSW</li> </ul>
Historical places	None Within 10 km Radius.
Sensitive places	None Within 10 km Radius.

***\*All distances mentioned in the above table are aerial distances***



### **3.5 Project Description with Process details (A Schematic Diagram/ Flow Chart Showing the Project Layout, Components of The Project Etc. Should Be Given)**

#### **Cement Plant**

With the proposed expansion of Unit-IV, the clinker production capacity will be 3.5 MTPA and Cement production capacity -3.5 MTPA.

#### **Cement Manufacturing Process:**

**Limestone Mining:** Mechanized mining of lime stone is done by deep hole drilling, nonel blasting, excavation and hauling. The blasted lime stone of size less than 1200 mm will be transported to lime stone crusher for crushing.

**Limestone Crushing:** A single Rotor Impact Crusher is installed to reduce limestone size from 1000 mm to 75mm.

**Stacking & Reclaiming:** The crushed lime stone is stacked longitudinally with stacker as per the required quality given by Quality Control Dept. After forming the stockpile, the reclamation will be started. The total process of stacking and reclaiming is called chevron method.

**Raw material grinding:** Blended lime stone will be reclaimed and will be filled into raw material hopper in the Vertical Roller Mill (VRM) section. Laterite (out source material) and corrective limestone will be filled into laterite hopper and corrective limestone hopper respectively. All the three materials with the required ratio are conveyed through the weigh feeders and belt conveyors to Vertical Roller Mill, where grinding takes place. VRM with inbuilt system of separator will grind the raw materials 75 mm size to 14-16% R on 90 micron size. The product called Raw meal is collected in cyclones and Pulse jet BH and transported through air slides and bucket elevator and stored in blending Silo.

**Coal Crushing & Grinding:** Raw Coal unloaded from open trucks to yard and transported by Belt Conveyors to crusher where the size is reduced from 350 mm to 50 mm and conveyed to raw coal hopper through conveyor belts. Vertical roller mill (VRM) pulverizes raw coal to fine coal with fineness of 16%R on 90 microns, which is collected in Bag Filter. The fine coal is further conveyed mechanically to fine coal bins and transported to kiln and calciner pneumatically (through FK pumps) for firing.

**Pyro-Processing:** This system consists of Rotary Kiln with 6 stage Pre-heater and In-line Calciner. Raw meal from Silos is conveyed through pre-heater. Fine coal is fired through burner pipe into kiln and into pre-calciner. The material is 90 to 92 % calcined before entering into kiln and balance calcination, Pre-burning and sintering takes place in the kiln for ensuring completion of chemical reactions. Clinker formed is cooled in Static grate coolers with high pressure fans. The clinker after cooling is transported mechanically to clinker storage tanks.

**Cement Grinding:** Clinker from clinker storage tank is conveyed to clinker hopper. Gypsum is filled into gypsum hopper. Closed Circuit Tube Mill with dynamic separator grinds clinker and gypsum in a ratio of 95:5 respectively. The product, called Ordinary Portland cement (OPC) is conveyed mechanically to cement storage silos.

Similarly Clinker, Fly ash, gypsum in a ratio of 60: 35: 5 to make Portland Pozzolona cement (PPC) are ground in the Vertical roller Mill which is conveyed mechanically to cement storage silos. Sulphate Resistant Cement is manufactured with specially made clinker, gypsum in a ratio of 95:5 respectively. The product called SRC is conveyed mechanically to Cement Storage Silos.

MHIPL will manufacture different types of blended cement. viz., Ordinary Portland Cement (OPC), Portland Pozzolana Cement (PPC) and Portland Slag Cement (PSC); Composite cement (CC).

**Cement Packing:** Electronic Packers 3 x 12 spout double discharge automatically fill the PP bags or paper bags of 50 Kg. These bags are loaded to the trucks through belt conveyors and loaders. These bags are also loaded into the trucks through Belt Conveyors and Wagon Loading Machines. The Plant is well automated and operated from Central Control Room and Control system is based on PLC.

**Quality Control:** All the raw materials, in- process and products are carried out by means of XRF and XRD of PAN Analytical. The preventive measures are taken to ensure the consistent and best quality is achieved. Material testing is undertaken on calibrated instruments for both Physical and Chemical parameters all the time. The people involved in this stream are highly qualified and experienced and quality conscious. The product is well accepted in the market and customers like Readymix concrete, Industries and Builders prefer our product very well.

**Process Control:** The plant operation through Siemens Automation is equipped with Expert Control Systems (ECS), comprising the SDR

system. PIDs with closed loops systems are intact and PLC is in advanced modern system. Fuzzy logic from FLS is also adopted for smooth and consistent operation of the plant. The process parameter is designed by the experts and is operated by qualified and experienced engineers. The deviations are minimized and the tolerances are limited. This is resulting in achieving the productivity in terms of best quality, optimal production and energy conservation (thermal as well as electrical).

#### **14 MW Waste Heat Recovery Thermal Power Plant (WHRB)**

MHIPL will install 14 MW WHRB power plant. Power generation is planned keeping in view of availability of hot gases evolved from the clinkerisation process.

Power generation process is based on Rankine steam cycle. The steam generated in the boiler when expanded through a turbine, turns the turbine shaft, which is tandem coupled to an electric power generator

Steam generated from HRBs, by heat recovery from exhaust gases, is supplied to a Steam Turbine Generator (STG) to generate power. Approx. 14 MW of power is expected to be generated.

After heat recovery in the HRB, the flue gas temperature comes down to approx. 120 deg C.

The exit flue gases from the boilers will be routed through clinker cooler ESP and kiln raw mill baghouse for capturing particulates ensuring the new emission standard of 30 mg/Nm<sup>3</sup>.

### **3.6 Raw material required along with estimated quantity, likely source, marketing area of final products, mode of transport of raw material and finished product.**

The raw material required for production of clinker and cement are Limestone, Iron ore, Bauxite, Coal & gypsum, flyash. The requirement of raw material per annum on an average for the production of clinker and cement is presented below

**TABLE - 7**  
**RAW MATERIAL REQUIREMENT (in MTPA) FOR UNIT-IV CEMENT**  
**PLANT - CLINKER 3.5 MTPA & CEMENT 3.5 MTPA**

No.	Name of Raw Material	Quantity (MTPA)	Source	Approx. distance from plant (km)	Mode of Transportation
1	Limestone	5.25	Captive mines.	2 to 3	Closed Conveyor/Dumpers
2	Coal	0.64	Singareni Collieries,	250	Road /Rail
3	Additives/Laterite	0.35	YSR Kadapa District/ Rajahmundry	350	Road
5	Gypsum	0.18	Coramandel Fertilizers Ltd	520	Road
6	Fly ash for PPC	0.75	From VTPS and KTPS	100 to 200	Closed bulkers
7	Slag	0.30	VSP, Vizag	500	Road/ Rail

For obtaining raw materials like coal, gypsum, additives and transporting cement from the cement plant to the market, well connected roads and railway Siding are available. The National Highway (NH-65) connecting Hyderabad – Vijayawada is at a distance of about 20.21 km.

**3.7 Resource optimization/ recycling and reuse envisaged in the project, if any, should be briefly outlined.**

- No waste water will be generated from proposed expansion and the plant will continue to be in “Zero Discharge”.
- Waste water generated from WHRB power plant is reused in the plant operations and sprinkling system of roads
- Domestic effluent generated is treated in the existing STP and the treated waste water is utilized for green belt development.

**3.8 Availability of water its source, energy / power requirement**

**Water**

Water is required for cooling, dust suppression, sanitary facilities and gardening. The present water requirement for MHIPL Cement Plant is 1260 m<sup>3</sup>/day.

Water requirement for cement plant increases from 1260 m<sup>3</sup>/day to 2260 m<sup>3</sup>/day. Water requirement for 14 MW WHRB power plant will be about 1800 m<sup>3</sup>/day. The above requirement will be met from river water source, ground water and Mine Sump. MHIPL has obtained necessary permission for drawl of ground water and river water.

MHIPL already obtained necessary permission from concerned department & permission letters are enclosed as **Annexure – 7**.

### **Power**

The peak power consumption in the MHIPL Cement plant complex including mine is 30 MW. The Power requirement is met from existing WHRB power plants, captive thermal power plants and grid. Additional total power required for the proposed Unit-IV cement plant is about 32 MW. Additional power requirement will be met from proposed WHRB power plant, existing captive thermal power plants and grid.

### **3.9 Quantity of waste to be generated (liquid and solid) and scheme for their management / disposal.**

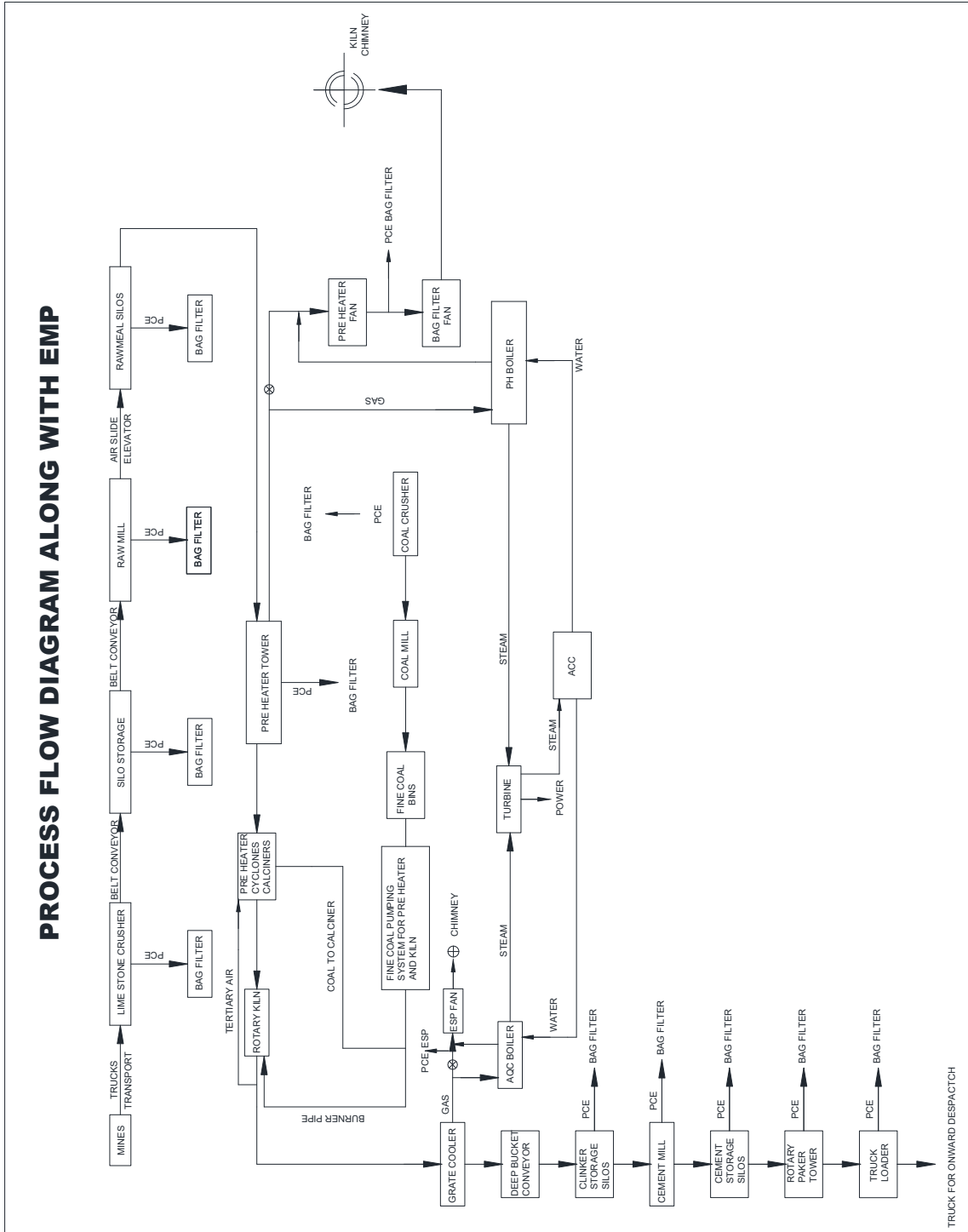
In cement plant water is used for cooling and raw material addition at various stages. This water is totally absorbed in the process or will be subjected to evaporation and hence no wastewater is released from the cement plant.

Wastewater generated is only from domestic activities at cement plant and residential colony. A full fledge sewage treatment plant (STP) is in operation designed for a maximum load of 400 m<sup>3</sup>/day. Treated domestic wastewater is reused for greenbelt development within MHIPL cement plant complex. Wastewater generation from power plant will be neutralized in the existing neutralization pit of size 4m x 3m x 2m. Neutralized wastewater is reused for greenbelt development and as process water in cement plant within MHIPL cement plant complex.

No solid waste is generated from the cement plant. The dust collected in the pollution control devices is being 100% recycled back to the process.

**3.10 Schematic representations of the feasibility drawing which give information of EIA purpose.**

**FIG. 4  
PROCESS FLOW DIAGRAM ALONG WITH EMP**



## CHAPTER – 4 SITE ANALYSIS

### 4.1 Connectivity

Cement Plant of MHIPL is located at Mellacheruvu Village & Mandal in Suryapet District, Telangana State.

The National Highway (NH-65) Connecting Vijayawada – Hyderabad is at a distance of 20.21 km from the Plant site in NE direction. The State Highway (SH-268) Connecting Dacheppally – Huzurnagar is at a distance of 3.47 km from the Plant site in Western direction. Nearest Major Road connecting Mallareddygudem – Mellacheruvu is at a distance of 1.04 km – ENE direction.

Nearest railway station is Mellacheruvu RS which is at 0.56 km in E from the Plant site. Nearest Major railway station is Nadikudi Jn. RS which is at 29.71 km in SW from the Plant site. Nearest railway line connecting Guntur – Nalgonda of Southern Railway line is located at a distance of 28.41 km in SW from the Plant site. Nearest railway line connecting Nalgonda - Vijayawada of Southern Railway line is located at a distance of 0.02 km in N from the Plant site. Nearest Airport is Vijayawada International Airport -99 km - SE direction.

The take-off of rail siding for plant site is already established from Mellacheruvu RS. Infrastructure has been created for coal wagon unloading, clinker loading into wagons and cement wagon loading in the existing plant premises, which will be used for the above proposed unit. This will enable economical transport of material for the proposed cement line.

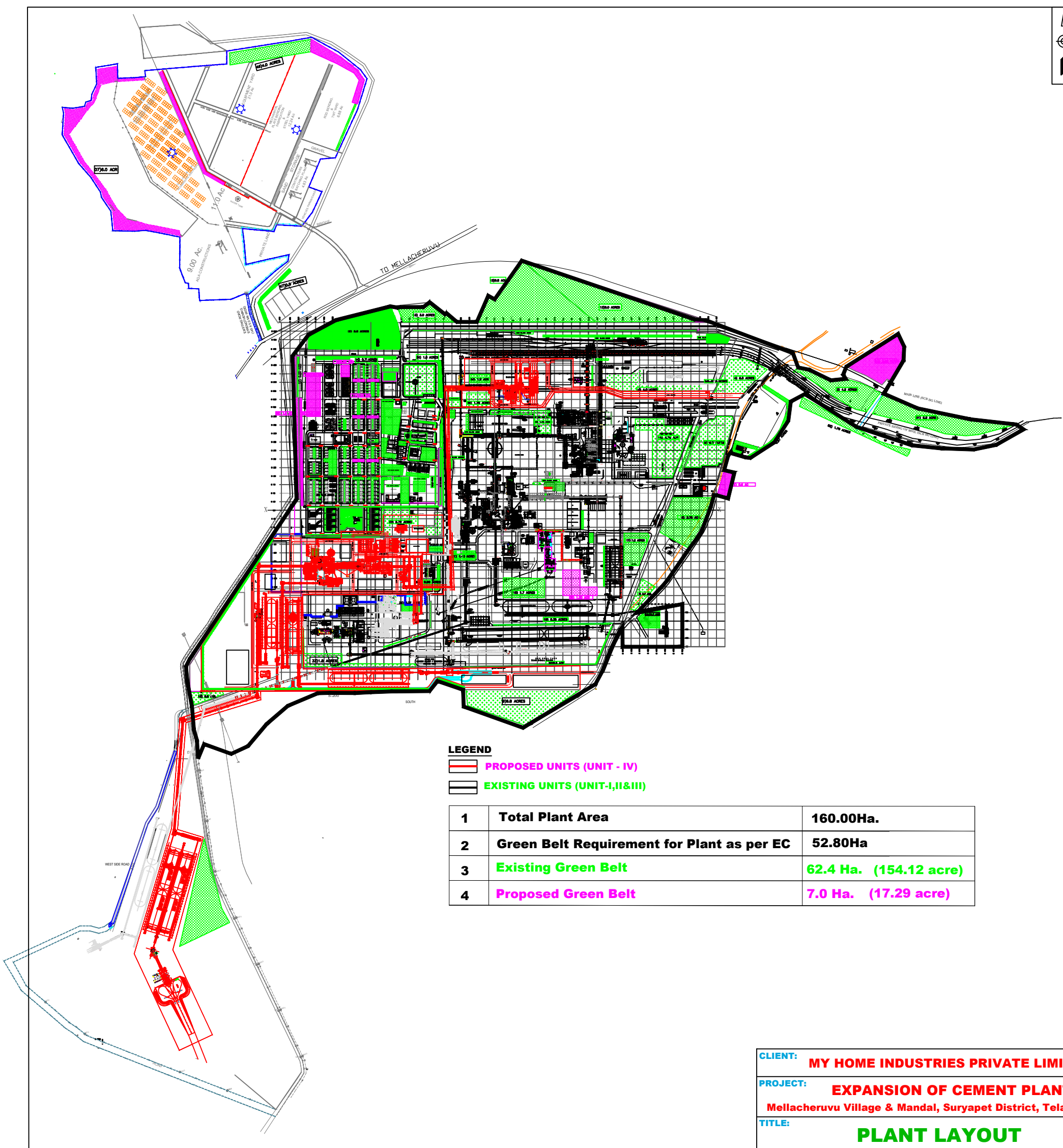
### 4.2 Land form, land use and land ownership.

The land breakup of the project EC granted and EC requested is given below **Table - 8** and MHIPL cement plant layout is shown in **Fig - 5**. No additional land will be required for proposed for Installation of New Unit – IV. No R&R is involved. No Forest area is involved.

**TABLE-8: LANDUSE BREAKUP (Ha.)**

Particulars	Area	
	EC Granted	EC Requested
Cement Plants including CPPs	63	67
Colony	22	22
Railway siding	06	06
Greenbelt developed Existing	62	62
Greenbelt developed, Proposed	3	3
Vacant area	4	0
<b>Total</b>	<b>160</b>	<b>160</b>

No additional land is required for locating the new line.



**LEGEND**  
— PROPOSED UNITS (UNIT - IV)  
— EXISTING UNITS (UNIT-I,II&III)

1	<b>Total Plant Area</b>	<b>160.00Ha.</b>
2	<b>Green Belt Requirement for Plant as per EC</b>	<b>52.80Ha</b>
3	<b>Existing Green Belt</b>	<b>62.4 Ha. (154.12 acre)</b>
4	<b>Proposed Green Belt</b>	<b>7.0 Ha. (17.29 acre)</b>

**CLIENT: MY HOME INDUSTRIES PRIVATE LIMITED**  
**PROJECT: EXPANSION OF CEMENT PLANT**  
Mellacheruvu Village & Mandal, Suryapet District, Telangana  
**TITLE: PLANT LAYOUT**

#### **4.3. Topography (along with map)**

The existing MHIPL Cement plant site is located at an elevation of 100 m above MSL. **Fig 3** shows topographical map of 10 km radius around the Plant site.

Cement Plant of MHIPL is located at Mellacheruvu Village & Mandal in Suryapet District. The total area of the plant falls under the Survey of India Topo sheet No. 56 P/13. The plant site is located between North latitude 16048'23.16" to 16049'2.77" and East longitude 79054'56.17" to 79055'59.34". A site location map on Indian map of 1:10,00,000 scale

#### **4.4. Existing land use pattern (agriculture, non-agriculture, forest, water bodies (including area under CRZ), shortest distances from the periphery of the project to periphery of the forests, national park, wild life sanctuary, eco sensitive areas, water bodies (distance from the HFL of the river), CRZ, in case of notified industrial area, a copy of the Gazette notification should be given.**

The existing cement plant is located in Mellacheruvu Village & Mandal, Suryapet District, Telangana. No additional land will be required for proposed expansion project.

Various cement industries which are located within 10 km radius of the plant site are:

- Keerthi Industries Ltd (Suvarna Cements) – 0.61 km – S
- Sagar Plant site – 5.85 km – SW
- Priya Cement (Rain Industries) – 6.95 km – ENE

The nearest railway station is Miryalaguda RS, which is about 40 km by road via Huzurnagar towards north-west of the plant site. Miryalaguda is located at 115 km from Bibinagar on the Bibinagar – Nadikudi branch line of South-Central Railway.

No national park/wildlife sanctuary/biosphere reserve/tiger reserve/elephant reserve etc. are reported to be located in the core and buffer zone of the project.

There are no sensitive places of notified archaeological, historical or tourist importance within 10 km from the plant area.

Yepalmadhavaram is the nearest forest to the Cement plant located at a distance of about 1.7 km in the southern direction. Pittalasari Kota and Chintalapalem reserve forests are located at a distance of 9.9 km and 7.6 km in SSW & SSE respectively.

Major cities Hyderabad and Vijayawada are located at a distance of about 185 km and 125 km from the plant site respectively.

#### 4.5 Existing Infrastructure

##### Land

Existing Cement Plant complex is located in area of 160 ha, completely owned by **MHIPL**. No additional area will be required for expansion. No R&R is involved. No Forest area is involved.

**LAND BREAKUP (Ha.)**

Particulars	Area	
	EC Granted	EC Requested
Cement Plants including CPPs	63	67
Colony	22	22
Railway siding	06	06
Greenbelt developed Existing	62	62
Greenbelt developed, Proposed	3	3
Vacant area	4	0
<b>Total</b>	<b>160</b>	<b>160</b>

**PHOTOGRAPHS SHOWING EXISTING CEMENT PLANT**



##### Power

The peak power consumption in the MHIPL Cement plant complex including mine is 30 MW. The Power requirement is met from existing

WHRB power plants, captive thermal power plants and grid. Additional total power required for the proposed Unit-IV is about 32 MW. Additional power requirement will be met from proposed WHRB power plant, existing captive thermal power plants and grid.

#### **Water**

The present water consumption of the existing cement plant including colony is about 1260 m<sup>3</sup>/day. Water for the cement plant is sourced from river, borewells and mine sump. Ground water is in the range of 32 – 40m bgl.

MHIPL has obtained necessary permission from Ground Water Department and Irrigation & CAD department for water drawl.

#### **Fuel**

Coal will be imported / sourced from coal fields of Singareni Collieries Company Limited (SCCL), a subsidiary company of Coal India Limited and imported coal. These collieries are located at a distance of about 300-350 km from the proposed plant site. Alternatively imported coal also is proposed which will be transported from Krishnapatnam/Visakhapatnam ports.

The coal transport to the proposed plant site has been considered by rail/road.

#### **Airport**

The nearest air Port is at Vijayawada International Airport at a distance of 99 km SE direction.

#### **Rail**

The nearest railway station is Miryalaguda RS, which is about 40 km by road via Huzurnagar towards north-west of the plant site. Miryalaguda is located at 115 km from Bibinagar on the Bibinagar – Nadikudi branch line of South-Central Railway.

#### **Communication**

Communication facilities such as telephone, tel-fax and internet are available in vicinity of the proposed plant site location.

### **4.6. Soil Classification**

The top soil is black in colour, fine to medium grained. Friable and sticky when wet. In the area eastern part of the area is covered with 0.5 m (maximum) thick black cotton soil cover.

#### **4.7. Climate data from secondary sources**

In general, the climate of this area is dry. Summer starts from mid of February and continues up to first week of June, when the monsoon breaks. The monsoon continues till the end of October. Winter is between November and middle of February. The peak of summer is in May. The maximum temperature is about 46 degree Celsius. During the cold months of December the temperature falls to 6.1 deg C. The average rainfall of the district is 812 mm.

#### **4.8. Social infrastructure available**

A well-equipped Occupational Health center is provided at MHIPL colony, which has full time male and lady medical officers assisted by compounders and nurses. Necessary free medicines and medical aid is available for the company employees.

A good canteen is provided for the benefit of the employees. The canteen serves tea & snacks at subsidized rates to the employees.

Adequate number of shelters with fans, drinking water etc. for taking food and rest are provided for the benefit of the employees.

Safe hygienic drinking water is provided at the mines. Drinking water facility is available near rest shelters.

A full-fledged Training hall is available in the MHIPL cement plant complex. The training to workmen is provided on basics as well as for refreshers.

The employees are provided with well-designed houses having electricity and water connections.

For the education facility of employee's children School is provided at MHIPL colony. MHIPL has constructed a full-fledged colony in upwind direction consisting of 330 houses for the benefit of employees. 60 Additional houses construction is proposed.

MHIPL has spent an about **Rs 6** crores amount for providing various social infrastructure/measures towards Health Care, Education, Drinking Water / Sanitation / Infrastructure Religious Sports / Cultural / Social / Plantation Water Supply for Agriculture Fields and Flood Relief Activities for the past 10 years.

## CHAPTER – 5 PLANNING BRIEF

### 5.1 Planning concept (type of industries, facilities, transportation etc.) town and country planning / development authority classification.

This is expansion project of existing cement plant within the present MHIPL cement plant complex. Additional civil structures will be required for proposed expansion units.

### 5.2 Population projection

The project will create employment for about 1500 people during construction phase for about 24 months. During operation phase the project will create direct employment to about 500 people and indirect employment to about 1000 people through auxiliary services. Several other indirect employment opportunities will be created in the surrounding areas like transport related, business, workshops, grocery and retails, medical, etc.

Apart from the jobs, the company provided medical and educational facilities to the employees which were availed by the people around the plant. Adequate recreational facilities for the staff of the company and the local people were created.

### 5.3 Land use planning (breakup along with greenbelt etc.,)

Existing Cement Plant complex is located in area of 160 ha, completely owned by MHIPL. No additional area will be required for Installation of New Unit - IV. No R&R is involved. No Forest area is involved.

**LAND BREAKUP (Ha.)**

Particulars	Area	
	EC Granted	EC Requested
Cement Plants including CPPs	63	67
Colony	22	22
Railway siding	06	06
Greenbelt developed Existing	62	62
Greenbelt developed, Proposed	3	3
Vacant area	4	0
<b>Total</b>	<b>160</b>	<b>160</b>

MHIPL has developed greenbelt in 62.4 ha in & around cement plant premises covering about 39 % of area. Additional greenbelt of about 7 ha will be developed.

#### **5.4 Assessment of infrastructure demand (physical & social)**

Additional housing facility will be created for 60 more families.

#### **5.5 Amenities / Facilities**

All infrastructure facilities such as education, health facilities and other social facilities are adequate at district headquarter which makes the region adequate in amenities.

**CHAPTER – 6**  
**PROPOSED INFRASTRUCTURE**

**6.1 Industrial area (processing area)**

**Cement Plant**

The following are the major equipment's for Unit – IV Cement Plant of EC granted and EC requested

**TABLE 9**  
**LIST OF MACHINERY, STORAGE & THEIR CAPACITY**

	Item	Type	EC Granted (J-11011/215/2013-IA II (I) 14.09.2015)	EC Requested
			Capacity	
<b>Main Machinery</b>	Limestone Crusher	Impact Crusher	850 TPH	1300 TPH
	Limestone Stacker	Linear Stockpile	850 TPH	1300 TPH
	Limestone Reclaimer	Bridge Reclaimer	1x850	2 X 850 TPH
	Raw Material Grinding	Vertical Roller Mill	450 TPH	700 TPH
	Coal mill	Vertical Roller Mill	60 TPH	70 TPH
	Preheater / Calciner	6-Stage Preheater with Calciner	5350 TPD	10700 TPD
	Kiln	3 Tier Kiln		
	Clinker Cooler	Grate Cooler		
	Cement Grinding	Roller press	1x285 TPH	2 x 220 TPH
	Packing Plant	Electronic Rotary Packer	2 x130 TPH	3 x 200 TPH
	<b>Main Storages</b>	Limestone Stock pile	Linear Stock Pile	4 x 27500 MT
Chemical gypsum Stockpile		Covered Shed	2,000 MT	
Raw Meal Silo		Inverted cone type	18,000 MT	
Fly Ash Silo		Inverted cone type		
Clinker Tank		Circular tank	1,25,000 MT	
Cement Silo		Inverted Cone type	3 x 10,0000 MT	

**6.2 Residential area (non-processing area)**

MHIPL has constructed a full-fledged Residential colony in upwind direction consisting of 380 houses for the benefit of employees. Additional houses to be built is another 60.

**6.3 Greenbelt**

MHIPL has developed greenbelt in 62.4 ha in & around cement plant premises covering about 39 % of area. Additional greenbelt of about 7 ha will be developed.

## **6.4 Social infrastructure**

MHIPL has well defined CSR policy to Carryout social development and welfare measures in the surrounding villages. Under CSR activity MHIPL will initiate community development projects, in the fields of health, education and environmental preservation, in the study area around the plant as is done in their existing units.

## **6.5 Connectivity (traffic and transportation road/rail/metro/water ways etc.)**

The existing cement plant is located in Mellacheruvu Village & Mandal, Suryapet District, Telangana. No additional land will be required for proposed expansion project.

The National Highway (NH-65) Connecting Vijayawada – Hyderabad is at a distance of 20.21 km from the Plant site in NE direction. The State Highway (SH-268) Connecting Dacheppally – Huzurnagar is at a distance of 3.47 km from the Plant site in Western direction. Nearest Major Road connecting Mallareddygudem – Mellacheruvu is at a distance of 1.04 km – ENE direction.

Nearest railway station is Mellacheruvu RS which is at 0.56 km in E from the Plant site. Nearest Major railway station is Nadikudi Jn. RS which is at 29.71 km in SW from the Plant site. Nearest railway line connecting Guntur – Nalgonda of Southern Railway line is located at a distance of 28.41 km in SW from the Plant site. Nearest railway line connecting Nalgonda - Vijayawada of Southern Railway line is located at a distance of 0.02 km in N from the Plant site. Nearest Airport is Vijayawada International Airport -99 km - SE direction.

No national park/wildlife sanctuary/biosphere reserve/tiger reserve/elephant reserve etc. are reported to be located in the core and buffer zone of the project. There are no sensitive places of notified archaeological, historical or tourist importance within 10 km from the plant area.

Yepalmadhavaram is the nearest forest to the Cement plant located at a distance of about 1.7 km in the southern direction. Pittalasari Kota and Chintalapalem reserve forests are located at a distance of 9.9 km and 7.6 km in SSW & SSE respectively.

Major cities Hyderabad and Vijayawada are located at a distance of about 185 km and 125 km from the plant site respectively.

## **6.6 Drinking water management (source & supply of water)**

The drinking water for the employees is met from ground water. Depending upon the quality, water will be treated to remove impurities and minerals to make it suitable for plant use. A suitably designed water treatment and chlorination plant was installed.

Water will be stored in an underground tank for plant and/or an overhead (OH) tank for drinking purpose. Overhead tanks for process water will be provided on respective plant buildings. For plant equipment, water will be recirculated after cooling to avoid any wastage and only losses will be made up from fresh water. Roof tanks of smaller capacity will be utilized for storing and supplying water to the non-plant buildings.

## **6.7 Sewerage System**

A sewage treatment plant was installed to treat domestic wastewater. The treated water quality will be such to allow for its re-use in the clinker production process (water injection)/Greenbelt development.

## **6.8 Industrial waste management**

The production of cement will be based on completely dry process; hence no process waste water will be generated from the plant. Also, the cooling water will be through a closed-circuit system. The only waste water generated will be domestic waste water from residential township and the same will be treated in STP and used for green belt development.

Hazardous wastes like spent oil from construction equipment, DG sets etc., generated in small quantities during construction and operational phase would be appropriately stored & handled and properly disposed off in accordance with the provisions of the Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.

High calorific hazardous waste and other waste (liquid and solid) is proposed for utilized as alternative fuel in kiln firing system.

## **6.9 Solid waste Management**

No solid waste is generated from the cement plant. The dust collected in the pollution control devices is being 100% recycled back to the process. Dust collected from air pollution control equipment is 100%

recycled in process, Ash generated in the proposed power plant will be consumed in existing cement plant.

Non-hazardous waste / RDF / Municipal solid waste is proposed for utilized as alternative fuel in kiln firing system, based on availability and economically feasibility.

#### **6.10 Power requirement & Supply/Source.**

The peak power consumption in the MHIPL Cement plant complex including mine is 30 MW. The Power requirement is met from existing WHRB power plants, captive thermal power plants and grid. Additional total power required for the proposed Unit-IV cement plant is about 32 MW. Additional power requirement will be met from proposed WHRB power plant, existing captive thermal power plants and grid.

**CHAPTER – 7**  
**ENVIRONMENTAL MANAGEMENT MEASURES - EXISTING CEMENT PLANT**

**AIR POLLUTION**

The main pollutant emitted from the cement plant is particulate matter.

**MHIPL** has spent about Rs. 200 Crores towards various environment protection measures in the existing cement plant. High efficient Bag Houses/Electro Static Precipitators have been installed in the plant to control the emissions from the stacks and also to meet the emission norms. The emissions from all the stacks are maintained well within the prescribed norms of TSPCB.

All the flue gas outlets are provided with state of art air pollution control equipment with control efficiency of 99.8-99.9% to maintain the particulate emission level below 30 mg/Nm<sup>3</sup>. The dust collected in the pollution control devices is 100% recycled back to the process.

MHIPL is continuously monitoring the status of various pollution control systems and upgrading them from time to time. MHIPL has installed Online continuous Emission monitoring system (OCEMS) to all major stacks. Kiln RABH stacks are provided with PM, SO<sub>2</sub> & NO<sub>x</sub> analyzers and Coal mills, Clinker Coolers & Cement Mills stacks are provided with PM analyzers. Real-time data of OCEMS is connected to CPCB and TSPCB servers.

**TABLE 10**  
**ONLINE CONTINEOUS EMISSION MONITORING SYSTEM FOR PROPOSED STACK**

NO.	PROCESS STACK	PARAMETERS		
		Particulate Matter	SO <sub>2</sub>	NO <sub>x</sub>
1	KILN-Raw Mill-1 RABH	Y	Y	Y
2	KILN-Raw Mill-2 RABH	Y	Y	Y
3	KILN-Raw Mill-3 RABH	Y	Y	Y
4	Coal Mill-1 Baghouse	Y	NA	NA
5	Coal Mill-2 Baghouse	Y	NA	NA
6	Coal Mill-3 Baghouse	Y	NA	NA
7	Clinker Cooler-1 ESP	Y	NA	NA
8	Clinker Cooler-2 ESP	Y	NA	NA
9	Clinker Cooler-3 ESP	Y	NA	NA
10	Cement Mill-1 Baghouse	Y	NA	NA
11	Cement Mill-2 Baghouse	Y	NA	NA
12	Cement Mill-1A Baghouse	Y	NA	NA
13	Cement Mill-4 Baghouse	Y	NA	NA
14	Cement Mill-5 Baghouse	Y	NA	NA

## OCEMS DATA

CPCB website:

Link:

<http://cpcbtdms.nic.in/industry-status?id=1875&st=live>

TSPCB website:

Link:

<http://183.82.41.227:8080/enviroconnect/servlet/com.aipl.pls.web.admin.AdminServlet>



## PHOTOGRAPHS SHOWING ONLINE EMISSION MONITORING SYSTEM

		
<b>UNIT-I Rotary Kiln, APCD-RABH</b>	<b>UNIT-II Rotary Kiln, APCD-RABH</b>	<b>UNIT-III Rotary Kiln, APCD-RABH</b>
		
<b>UNIT-I Cooler, APCD-ESP</b>	<b>UNIT-II Cooler, APCD-ESP</b>	<b>UNIT-III Cooler, APCD-ESP</b>
		
<b>UNIT-I Cement Mill -I, APCD- Bag filter</b>	<b>UNIT-II Cement Mill -IA, APCD- Bag filter</b>	<b>UNIT-III Cement Mill -V, APCD- Bag filter</b>

MHIPL will ensure that the particulate concentration at outlet of pollution control equipment is less than 30 mg/Nm<sup>3</sup>.

MHIPL has installed air pollution control equipment and carrying regular monitoring to check the emission level at outlet of stack.

The measures have resulted in maintaining the Ambient Air Quality within the NAAQ standards.

### **NOISE ENVIRONMENT**

The major noise generating sources are coal mill, Kiln/Raw mill, packers of cement plant and compressors. These sources are located far off from each other. Under any circumstances the noise level at plant boundary will not exceed 65 dB(A) at day time and 60 dB(A) at night time.

The noise levels are being monitored and efforts are being made to maintain the noise levels within the prescribed limits.

Silencers/acoustic enclosures are provided to the coal mills to maintain the noise level well within the prescribed limits. Photographs showing installed silencers are shown below

### **PHOTOGRAPHS SHOWING SILENCERS INSTALLED TO COAL MILLS**

Noise levels generated in the cement plant are confined within the boundary and with attenuation after greenbelt and construction of boundary wall, the impact of noise levels on surroundings is negligible.



### **WATER ENVIRONMENT**

#### **IMPACT ON WATER ENVIRONMENT**

The present water requirement for cement plant increases from 1260 m<sup>3</sup>/day to 2260 m<sup>3</sup>/day. Water requirement for 14 MW WHRB power plant will be about 1800 m<sup>3</sup>/day. The above requirement will be met

from river water source, ground water and Mine Sump. MHIPL has obtained necessary permission for drawl of ground water and river water from concerned departments.

Rainwater harvesting is being done within the cement plant premises. A rainwater storage pond has been created at NE corner of cement plant premises. No industrial wastewater will be generated in the Cement Plant. Domestic wastewater generated from Cement Plant is being treated in the STP. The treated wastewater is 100% reused for greenbelt development.

### **WASTEWATER GENERATION AND DISPOSAL**

No wastewater is generated from cement plant process. The wastewater generation from the cement plant is mainly from domestic consumption.

At present 250 m<sup>3</sup>/day of wastewater is generated from the colony. A full-fledged sewage treatment plant (STP) is in operation to treat the domestic wastewater. The STP is designed for a maximum load of 400 m<sup>3</sup>/day with an average BOD of 150 - 200 mg/L for raw sewage and after treatment less than 20 mg/L.

**TABLE 11  
WASTEWATER UTILIZATION**

<b>Source of generation</b>	<b>Quantity (m<sup>3</sup>/day)</b>	<b>End usage</b>
Domestic wastewater Colony	250	Treated in sewage treatment plant and 100% reused for greenbelt development

### **SEWAGE TREATMENT PLANT**



## **RAIN WATER HARVESTING**

- ❖ Rain water harvesting structure with a capacity of about 65,000 m<sup>3</sup> is created at NE corner of cement plant. Rain water is collected in the pond during monsoon and same water is utilized for greenbelt and cement plant.
- ❖ Roof Water harvesting system was constructed at residential colony. Rain water from 8 quarters rooftop is routed to ground water recharge pit.
- ❖ About 30 Nos of rain water recharge pits constructed in cement plant, CPPs & Residential colony area. These pits are constructed with dimensions of 2m depth, 1m meter diameter.
- ❖ Separate storm water drains, contour bunds, kerb walls established for routing the rain water from roads and asphalted areas.

### **PHOTOGRAPH OF RAINWATER HARVESTING POND WITHIN THE PLANT SITE & GROUND WATRE RECHARGE PITS**



## **LAND ENVIRONMENT**

The dust collected in the air pollution control equipment in the cement plant is 100% recycled back to the process. No solid waste generation from the process except dust collected in the pollution control equipment which is recycled back to the process.

## Green Belt Development

The cement plant is located in an area of 160 Ha. The required greenbelt as per norms is 33 % of the plant area which is about 52.8 Ha.

MHIPL has developed greenbelt in 62.4 ha in & around cement plant premises covering about 39 % of area. Additional greenbelt of about 7 ha will be developed.

Details of greenbelt development carried out since inception of the plant is given below:

- **Greenbelt developed** : 62.4 ha
- **No's of saplings** : 75,358 no's
- **Density** : 1200 saplings/ha

**TABLE 12**  
**TYPE OF SPECIES**

<b>Scientific Name</b>	<b>Common Name</b>
<i>Azadiraktha Indica</i>	Neem
<i>Peltophorum pterocorpum</i>	Yellow flame tree
<i>Dalbargia Sissio</i>	Sissio
<i>Pongamia Pinneta</i>	Kanuga
<i>Samania Saman</i>	Rain Tree
<i>Alstonia scholaris</i>	Sapthaparni
<i>Anthocephalus kadamba</i>	Kadamba
<i>Ficus bengalensis</i>	Marri
<i>Terminellia catappa</i>	Badam
<i>Millingtonia hortensis</i>	Indian Cork Tree
<i>Spathodea campanulata</i>	African tulip tree
<i>Mangifera indica</i>	Mango
<i>Citrus limon</i>	Lemon
<i>Delonix regia</i>	Royal poinciana

**TABLE 13**  
**LATEST 5 YEARS GREENBELT DETAILS**

<b>Year</b>	<b>No's saplings planted</b>	<b>Area covered, Ha.</b>
2013-14	6500	5.10
2014-15	6000	4.60
2015-16	3000	2.80
2016-17	2821	3.46
2017-18	4028	3.57
2018-19	2021	1.82
2019-20	1830	1.67
2020-21	1000	0.95
2021-22	900	0.85

**CHAPTER – 8**  
**REHABILITATION AND RESETTLEMENT (R&R) PLAN**

**8.1 Policy to be adopted (central / state) in respect of the project affected persons including home oustees, land oustees and landless labourers (a brief out line to be given).**

The present MHIPL cement plant is located in an area of 160.0 Ha. No additional land will be required for expansion. The land is free from habitation; hence Rehabilitation and Resettlement is not involved. Thus, no adverse impact is anticipated.

Socio Economic Status in the study area is found to be moderate with respect to livelihood, amenities etc., Transport and other infrastructural facilities such as market centers, business establishment, recreation etc., in the area were improved.

Employment potential both direct and indirect coupled with business opportunities and strong social commitment of the company in the form of better educational and medical facilities would result in enhancement in the status and standard of living of the local populace resulting in positive impact.

**CHAPTER – 9**  
**PROJECT SCHEDULE & COST ESTIMATES**

**9.1 Likely date of start of construction and likely date of completion.**

The project installation of New Unit – IV is expected to be completed in a period of 24 months from the date of receipt of all the approvals from statutory authorities.

**9.2 Estimated project cost along with analysis in terms of economic viability of the project.**

An indicative estimated capital cost of the proposed expansion is **Rs 1620 Crores**. The project cost is inclusive of the preoperative expenses, margin money, contingency and interest during construction.

The estimated investment Cost for the project has been based on the requirement of fixed and non-fixed assets for the plant.

The financing of the project has been considered on the basis of Equity and Term Loans from Financial Institutions. The debt: equity ratio has been considered as 1: 0.2.

The project exhibits a good Internal Rate of Return of 17.2% on total Investment. The IRR on equity is calculated to be 13.36 % (after tax).

**CHAPTER – 10**  
**ANALYSIS OF PROPOSAL (FINANCIAL RECOMMENDATIONS)**

**10.1 Financial and social benefits with special emphasis on the benefit to the local people including tribal population, if any, in the area.**

The capital cost, for the proposed production enhancement project, works out to **Rs. 1620 Crores**. Financial institutions will be funding the project. The time for ROR will be 7 to 8 years.

Growth of infrastructure, Irrigation and housing scenario automatically drives the increased requirement of Cement in the market. Based on the growing demand in the South East region of the country for Cement over the next 10 years, the proximity of the project location to this market is an advantage with respect to reduction in freight of cement to these markets. The financial viability also shows a good Rate of return from the project. Considering the above MHIPL is planning to go ahead with the project, once it gets all the statutory approvals for this enhancement project.

F. No. J-11011/215/2013-IA. II(I)  
 Government of India  
 Ministry of Environment, Forest and Climate Change  
 (Impact Assessment Division)

Indira Paryavaran Bhawan  
 Jor Bagh Road, Aliganj,  
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 E-mail: dirind-moefcc@gov.in  
 Tel: 011-24695368  
 Dated: 21<sup>st</sup> January, 2020

To

**Shri. B. Suresh ,**  
**Assistant General Manager,**  
 M/s. My Home Industries Private Limited,  
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**Subject:** Proposed enhancement of Clinker Production from 3.043 to 3.5 MTPA by optimizing process operation in the existing units by **M/s. My Home Industries Private Limited** located at Village & Mandal Mellaacheruvu, **District Suryapet, Telangana – Environment Clearance Under para 7(ii) of the EIA Notification, 2006 – regarding.**

Sir,

This refers to the application of **M/s. My Home Industries Private Limited** made vide proposal no. IA/TG/IND/102408/2019 dated 16/04/2019 along with Form – 2 along with the addendum EIA report and sought for environmental clearance for enhancement in clinker production from 3.043 MTPA to 3.5 MTPA through process optimization in the existing kilns under para 7(ii) of EIA Notification, 2006. The proposed project activity is listed at Sl. No. 3(a) Metallurgical Industries (Ferrous and Non-ferrous) under Category “A” EIA Notification, 2006 and the project is appraised at the Central level.

- The aforesaid proposal was considered in the 7<sup>th</sup> meeting of the Reconstituted Expert Appraisal Committee meeting held during 29-31<sup>st</sup> May, 2019. The EAC proceedings of the proposal is given as below:

**Details submitted by the project proponent**

- M/s My Home Industries Private Limited (MHIPL) is operating integrated Cement Plant with three manufacturing units i.e., Unit-I, Unit-II and Unit-III located at Mellacheruvu Village & Mandal, Suryapet District, Telangana State.
- MHIPL has initially commissioned the cement plant with clinker production capacity of 0.495 MTPA and gradually increase the capacity of the cement plant to the present level of 3.043 MTPA by obtaining clearances from time to time as per the below table.

S. No	Particulars	Order Details	Date
1	Cement Plant – 600 TPD	J-11012/5/96-IA II (I)	07.10.1996
2	Cement Plant expansion - 0.495 MTPA to 1.09 MTPA Addition of Unit-II	J-11011/19/2001-IA II (I)	13.09.2001

*Proposed enhancement of Clinker Production from 3.043 to 3.5 MTPA by optimizing process operation in the existing units by M/s. My Home Industries Private Limited located at Village & Mandal Mellaacheruvu, District Suryapet, Telangana – Environment Clearance Under para 7(ii) of the EIA Notification, 2006 – regarding.*

S. No	Particulars	Order Details	Date
3	Expansion -Clinker 1.58 MTPA to 2.48 MTPA and Cement 1.90 MTPA to 3.30 MTPA Addition of Unit-III	J-11011/76/2006-IA II (I)	25.05.2006
4	Expansion -Clinker 2.48 MTPA to 2.78 MTPA and Cement 3.30 MTPA to 3.90 MTPA Expansion in Unit-III	J-11011/1014/2007-IA II (I)	11.06.2008
5	Expansion -Clinker 2.78 MTPA to 3.043 MTPA Expansion in Unit-II	J-11011/172/2012-IA II (I)	15.12.2014

- In addition to the aforementioned Environmental Clearances, MHIPL has also obtained another Environmental Clearance from MoEF&CC for setting up of Unit – IV of 1.75 MTPA Clinker production capacity and 1.75 MTPA Cement production capacity vide J-11011/215/2013-IA II (I) 14.09.2015 which is valid up to 14.09.2022. Unit – IV is yet to be implemented as on date.
- The present proposal of M/s. My Home Industries Private Limited for enhancement in clinker production from 3.043 MTPA to 3.5 MTPA through process optimization in the existing kilns. The details of the existing and the proposed production of the units is furnished as below:

Unit details	Sanctioned capacity as per the Existing ECs (MTPA)		Implemented capacity as on date (MTPA)		Proposed expansion through process optimization (MTPA)		Total (MTPA)	
	Clinker	Cement	Clinker	Cement	Clinker	Cement	Clinker	Cement
Unit I	0.66	0.792	0.66	0.792	0.140	0	0.80	0.792
Unit II	1.183	1.108	1.183	1.108	0.117	0	1.30	1.108
Unit III	1.200	2.000	1.200	2.000	0.200	0	1.40	2.000
Unit IV	1.75	1.75	Not implemented		--	--	--	--
<b>Total</b>	<b>4.793</b>	<b>5.65</b>	<b>3.043</b>	<b>3.9</b>	<b>0.457</b>	<b>0</b>	<b>3.50</b>	<b>3.9</b>

- Certified compliance report for the existing unit was received from Regional Office of MoEF&CC at Chennai on 11/02/2019 wherein observations such as occurrence of minor spikes of NOx emission in kiln no.2, provision of dedicated covered coal storage yard and non-submission action plan for implementation Enterprise Social Commitment (ESC) have been reported. Subsequently, project proponent has submitted the action taken report on 30/03/2019 which was examined and report was issued by the Regional Office on 8/04/2019 wherein it is reported that corrective action has been taken by the project proponent to comply with observations. As per the report, NOx emission is within the limit and provision of wind shelter all along the coal storage have been made. Further, action plan for implementation of ESC activities has been submitted to Regional Office.
- The project cost, resources requirement and change in pollution load of various environmental components due increase of clinker capacity Vis-à-vis with existing Environmental Clearances are detailed as below:

*Proposed enhancement of Clinker Production from 3.043 to 3.5 MTPA by optimizing process operation in the existing units by M/s. My Home Industries Private Limited located at Village & Mandal Mellaacheruvu, District Suryapet, Telangana – Environment Clearance Under para 7(ii) of the EIA Notification, 2006 – regarding.*

		EC Granted	EC Requested	Remarks
Cost of the Project, Rs. crores		Rs.50 crores	Rs.5 crores	Process optimization
<b>Capacities (in MTPA)</b>	Clinker production	3.043	3.50	Enhancement of clinker production by 15 % by process optimization  Additional clinker produced under this expansion will be transported to MHIPL Grinding Units by Rail.
	Cement production	3.9	3.9	No change
<b>RAW MATERIAL REQUIREMENT (in MTPA)</b>	Limestone	4.28	4.92	Additional consumption EC obtained
	Laterite	0.17	0.20	Additional consumption
	Shale	0.01	0.01	No change
	Slag	0.01	0.01	No change
	Fly Ash	0.04	0.04	No change
	Gypsum	0.16	0.16	No change
<b>FUEL (in MTPA)</b>	Fly ash for PPC	0.40	0.40	No change
	Coal for Clinker (Max)	0.43	0.51	Increase in coal consumption by 18%
<b>POLLUTION LOAD (Kg/hr)</b>				
<b>AIR EMISSIONS</b>				
Particulate Matter		87.44	96.23	Increase by 10 %↑
Sulphur Dioxide		89.89	103.32	Increase by 15 %↑
Oxides of Nitrogen		719.1	826.70	Increase by 15 %↑
<b>INCREMENTAL GROUND LEVEL CONCENTRATIONS (µg/m<sup>3</sup>)</b>				
Particulate Matter – PM <sub>10</sub>	Baseline			58.1
	Incremental			0.40
	<b>Overall Scenario</b>			<b>58.5</b>
				<b>NAAQ Standard - 100</b>
Sulphur dioxide	Baseline			11.8
	Incremental			0.60
	<b>Overall Scenario</b>			<b>12.4</b>
				<b>NAAQ Standard – 80</b>
Oxides of Nitrogen	Baseline			15.6
	Incremental			4.5
	<b>Overall Scenario</b>			<b>20.1</b>
				<b>NAAQ Standard - 80</b>
<b>WATER ENVIRONMENT</b>				
Water Requirement, m <sup>3</sup> /day		1260	1260	No Change
<b>LAND ENVIRONMENT</b>				

Proposed enhancement of Clinker Production from 3.043 to 3.5 MTPA by optimizing process operation in the existing units by M/s. My Home Industries Private Limited located at Village & Mandal Mellaacheruvu, District Suryapet, Telangana – Environment Clearance Under para 7(ii) of the EIA Notification, 2006 – regarding.

	EC Granted	EC Requested	Remarks	
Land use breakup, Ha		160	160	No Change. No additional land requirement

9. The additional emission due to the proposed clinker enhancement is mainly due to:
- increase in flows resulting increase in particulate emission load.
  - increase in Coal/Pet coke consumption in the kiln resulting in increase of particulate, SO<sub>2</sub> and NO<sub>x</sub> emissions (*Sulphur will be absorbed by clinker*).
10. The Environmental Management Plan for the existing and proposed clinker expansion is furnished as below:
- MHIPL has spent about INR 200 Crores towards various environment protection measures in the existing cement plant. High efficient Bag Houses / Electro Static Precipitators have been installed in the plant to control the emissions from the stacks and also to meet the emission norms. The emissions from all the stacks are maintained well within the prescribed norms of Telangana State Pollution Control Board (TSPCB).
  - All the flue gas outlets are provided with state of art air pollution control equipment with control efficiency of 99.8-99.9 % to maintain the particulate emission level below 30 mg/Nm<sup>3</sup>. The dust collected in the pollution control devices is 100% recycled back to the process.
  - MHIPL is continuously monitoring the status of various pollution control systems and upgrading them from time to time. MHIPL has installed Online Continuous Emission monitoring system (OCEMS) to all major stacks. Kiln RABH stacks are provided with PM, SO<sub>2</sub> & NO<sub>x</sub> analyzers and Coal mills, Clinker Coolers & Cement Mills stacks are provided with PM analyzers. Real-time data of OCEMS is connected to CPCB and TSPCB servers.
  - The increase in capacity of various units under the up gradation and modernization will result in increase of volumetric flow rates. As a result of increase in flow rates, the emission loads on the pollution control equipment are likely to increase. Keeping in view of this, MHIPL has conducted a detailed technical assessment of the pollution control equipment of the main units to find out the adequacy. Details of the same are given below.

Unit	APCE	Design Capacity (m <sup>3</sup> /hr)	GAS VOLUME (m <sup>3</sup> /hr.)		Modification Proposed for expansion	REMARKS
			Present	After proposed Expansion		
Unit – I&II	L/s crusher baghouse	77000	45252	45252	Capacity available and modification not required	All Pollution Control Equipment in Cement
Unit- I	RABH ESP	510000 270000	379461 184397	459907 223489		

	Coal mill - Baghouse	37500	36423	36423	plant are already upgraded and complying with new emission standards of PM, SO <sub>2</sub> & NO <sub>x</sub> .
Unit- II	RABH	586800	487987	536323	
	ESP	350000	300707	330492	
	Coal mill - Baghouse	67000	57380	57380	
Unit- III	L/s crusher baghouse	77000	47512	47512	
	RABH	620000	535892	606236	
	ESP	500000	341044	397885	
	Coal mill Baghouse	100000	93635	93635	

- v. The proposal will result in increase of Flue Gas Flows. It can be seen from the above table that there will be increase in flow due to increase in capacity. Adequate capacities of air pollution control equipment are available to handle increased flows rate. MHIPL will ensure that the particulate concentration at outlet of pollution control equipment is less than 30 mg/Nm<sup>3</sup>. MHIPL has installed air pollution control equipment and carrying regular monitoring to check the emission level at outlet of stack. The measures have resulted in maintaining the Ambient Air Quality within the NAAQ standards.
- vi. The major noise generating sources are coal mill, Kiln/Raw mill, packers of cement plant and compressors. These sources are located far off from each other. Under any circumstances the noise level at plant boundary will not exceed 65 dB(A) at day time and 60 dB(A) at night time. The noise levels are being monitored and efforts are being made to maintain the noise levels within the prescribed limits. Silencers/acoustic enclosures are provided to the coal mills to maintain the noise level well within the prescribed limits. Noise levels generated in the cement plant are confined within the boundary and with attenuation after greenbelt and construction of boundary wall, the impact of noise levels on surroundings is negligible.
- vii. No wastewater is generated from cement plant process. The wastewater generation from the cement plant is mainly from domestic consumption. At present 260 m<sup>3</sup>/day of wastewater is generated from the colony. A full-fledged sewage treatment plant (STP) is in operation to treat the domestic wastewater. The STP is designed for a maximum load of 400 m<sup>3</sup>/day with an average BOD of 150 - 200 mg/L for raw sewage and after treatment less than 20 mg/L.
- viii. Rainwater harvesting is being done within the plant premises. A rainwater storage pond has been created at NE corner of cement plant premises. No industrial wastewater will be generated in the Cement Plant. Domestic wastewater generated from Cement Plant is being treated in the STP. The treated wastewater is 100% reused for greenbelt development.
- ix. The dust collected in the air pollution control equipment in the cement plant is 100% recycled back to the process. No solid waste generation from the process except dust collected in the pollution control equipment which is recycled back to the process
- x. The cement plant is located in an area of 160 Ha. The required greenbelt as per norms is 33 % of the plant area which is about 52.8 Ha. MHIPL has developed 50.5 % of the plant area under greenbelt which is covering about 80.8 Ha which includes 7 Ha of greenbelt developed in colony.

### **Observations of the Committee:**

11. The proposal is for enhancement of clinker production from 3.043 MTPA to 3.5 MTPA which is 15% increment in clinker production without increase in cement.

### **Recommendation of the Committee:**

12. After detailed deliberations, the committee recommended the proposal for enhancement of clinker production from 3.043 MTPA to 3.5 MTPA with the following specific conditions in addition to the applicable general conditions as per the Ministry's Office Memorandum No. 22-34/2018-III dated 9/8/2018 for integrated cement plants.
  - i. Stack emissions shall be maintained below 30 mg/Nm<sup>3</sup>.
  - ii. The unit shall comply with all the revised norms of stack emissions.
  - iii. Rain water harvesting and recharge shall be more than the water consumption.

### **Decision of MoEF&CC**

13. The Ministry of Environment, Forest and Climate Change (MoEF&CC) has considered the application based on the recommendations of the Expert Appraisal Committee (Industry-I) and hereby decided to accord Environmental Clearance for enhancement of clinker production from 3.043 MTPA to 3.5 MTPA under para 7(ii) of the EIA Notification, 2006 subject to the following specific conditions and general conditions:

#### **A. Specific Conditions**

- i. Stack emissions shall be maintained below 30 mg/Nm<sup>3</sup>.
- ii. The unit shall comply with all the revised norms of stack emissions prescribed in Environment (Protection) Rules 1986 (G.S.R. No. 612 (E) dated 25/08/2014 (Cement) and subsequent amendment dated 9/05/2016 (Cement) and 10/05/2016 (Co-processing Cement).
- iii. Rain water harvesting and recharge shall be more than the water consumption.

#### **B. General Conditions**

##### **I. Statutory compliance:**

- i. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
- ii. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
- iii. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

##### **II. Air quality monitoring and preservation**

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R. No. 612 (E) dated 25<sup>th</sup> August, 2014 (Cement) and subsequent amendment dated 9<sup>th</sup> May, 2016 (Cement) and 10<sup>th</sup> May, 2016 (Co-processing Cement); S.O. 3305 (E) dated 7<sup>th</sup> December 2015 (Thermal

Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.

- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.
- iii. The project proponent shall install system carryout to Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
- iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- vi. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.
- vii. Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.
- viii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
- ix. Recycle and reuse lime fines, coal fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after agglomeration.
- x. Ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash;
- xi. Provide wind shelter fence and chemical spraying on the raw material stock piles; and Provide Low NO<sub>x</sub> burners as primary measures and SCR /NSCR technologies as secondary measure to control NO<sub>x</sub> emissions. Have separate truck parking area and monitor vehicular emissions at regular interval.
- xii. Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as a mode of transport.
- xiii. Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants.

### **III. Water quality monitoring and preservation**

- i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide

G.S.R. No. 612 (E) dated 25<sup>th</sup> August, 2014 (Cement) and subsequent amendment dated 9<sup>th</sup> May, 2016 (Cement) and 10<sup>th</sup> May, 2016 (in case of Co-processing Cement) as amended from time to time; S.O. 3305 (E) dated 7<sup>th</sup> December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.

- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- iv. Adhere to 'Zero Liquid Discharge'.
- v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- vi. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
- vii. The project proponent shall practice rainwater harvesting to maximum possible extent.
- viii. Water meters shall be provided at the inlet to all unit processes in the cement plant.
- ix. The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.

#### **IV. Noise monitoring and prevention**

- i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

#### **V. Energy Conservation measures**

- i. Waste heat recovery system shall be provided for kiln and cooler.
- ii. The project proponent make efforts to achieve power consumption less than 65 units/tonne for Portland Pozzolona Cement (PPC) and 85 units/tonne for Ordinary Portland Cement (OPC) production and thermal energy consumption of 670 Kcal/Kg of clinker.
- iii. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- iv. Provide the project proponent for LED lights in their offices and residential areas.

- v. Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.
- vi. maximize utilization of alternate fuels and Co-processing to achieve best practice norms

#### **VI. Waste management**

- i. Used refractories shall be recycled as far as possible.
- ii. The waste oil, grease and other hazardous shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- iii. Kitchen waste shall be composted or converted to biogas for further use.

#### **VII. Green Belt**

- i. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant
- ii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.

#### **VIII. Public hearing and Human health issues**

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The PP shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

#### **IX. Corporate Environment Responsibility**

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1<sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- v. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants shall be implemented.

#### **X. Miscellaneous**

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- viii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.

- ix. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
  - x. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
  - xi. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
  - xii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
  - xiii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
  - xiv. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
  - xv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
  - xvi. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
14. All other terms and conditions mentioned in the earlier Environmental Clearances accorded vide letter dated 7/10/1996, 13/09/2001, 25/05/2006, 11/06/2008, 15/12/2014 and 14/09/2015 shall remain unchanged.
15. The PP shall obtain fresh environmental clearance in case of change in scope of the project if any.

This issues with the approval of Competent Authority.

  
(A.K. Agrawal)  
Director

Copy to: -

1. **The Secretary**, Department of Environment, Government of Telangana, Hyderabad.
2. **The Deputy Director General (Central)**, Ministry of Environment, Forest and Climate Change, Regional Office (SEZ), I<sup>st</sup> and II<sup>nd</sup> Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai – 600034

3. **The Chairman**, Central Pollution Control Board, Parivesh Bhawan, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.
4. **The Chairman**, Telangana State Pollution Control Board, NH65, MRF Colony, RC Reddy Colony, Ramachandra Puram, Hyderabad, Telangana 502032
5. **The Member Secretary**, Central Ground Water Authority, A2, W- 3 Curzon Road Barracks, K.G. Marg, New Delhi-110001.
6. **The District Collector**, Suryapet District, Government of Telangana.
7. Guard File/Record File/Monitoring File.
8. MoEF&CC Website

(A.K. Agrawal)  
Director

**F. No. J-11011/215/2013-IA II (I)**  
 Government of India  
 Ministry of Environment, Forest and Climate Change  
 (I.A. Division)

Indira Paryavaran Bhawan  
 Jor Bagh Road, Ali Ganj,  
 New Delhi - 110003  
**E-mail: satish.garkoti@nic.in**  
**Tele ph.: 011: 24695316**

Dated: 14<sup>th</sup> September, 2015

To

**M/s My Home Industries Ltd.**  
 9<sup>th</sup> Floor, Block-III  
 My Home Hub, Madhapur,  
 Opp. NIFT, Hyderabad  
 Andhra Pradesh.

**Email: [vsu@myhomegroup.in](mailto:vsu@myhomegroup.in); Fax No.- 040-66929797**

**Subject: Expansion of cement plant (Clinker production from 2.78 MTPA to 4.53 MTPA and Cement production from 3.90 MTPA to 5.65 MTPA) by addition of new Unit-IV (Clinker 1.75 MTPA and Cement 1.75 MTPA) of M/s My Home Industries Limited, located in Mellacheruvu Village & Mandal, Nalgonda Dist, Telangana State - Environmental Clearance regarding.**

Sir,

This has reference to your letter No. BSET/MHL-UNIT-IV/MoEF/2015 dated 6<sup>th</sup> January, 2015 along with copy of EIA/EMP report seeking Environment Clearance under the provisions of the EIA Notification, 2006. The ToRs to the project was awarded by MoEFCC vide letter dated 14<sup>th</sup> November, 2013 for preparation of EIA/EMP report.

2.0 M/s. My Home Industries Limited have proposed to expand the existing cement plant [Clinker – 2.78 MTPA & Cement – 3.90 MTPA] by addition of new Unit IV [Clinker: 1.75 MTPA and Cement: 1.75 MTPA]. The existing project obtained environmental clearance from MoEFCC vide F.No.J-11011/1014/2007-IA.II(I) dated 11.6.2008. The land requirement for the proposed expansion is 32 ha, which is already available within the existing plant premises. The longitude of the project site is 79° 54' 34.4" - 79° 54' 47.67" E and latitude is 16° 47' 55.58" to 16° 48' 4.91" N respectively. No Forest land is involved. No National Park, Wildlife Sanctuary is exists within 10 km radius of the project site. No court cases/litigation is pending against the project. The Krishna river and Vemuleru river is located at a distance of 11.5km and 14.1km respectively. The Mellacheruvu village and Venkataramapuram village is located at a distance of 0.8 km and 1.5 km respectively. Yepalmadhavaram RF is located at a distance of 1.8km from the project site. The raw materials required are Limestone (2.72 MTPA), Laterite (0.27 MTPA), Gypsum (0.07 MTPA), fly ash (0.31 MTPA) and Coal (0.30 MTPA). The Limestone will be sourced from the captive mines (1 km from the project site) at Mellacheruvu village. The water requirement is 800 m<sup>3</sup>/day, which will be sourced from existing mine pit and ground water. The power requirement is 30 MW, which will be met from the existing captive power plant and Andhra Pradesh Central

Power Distribution Company Limited (APCPDCL). Total cost of the project is Rs.355 crores. 5 % of the total project cost i.e Rs 17.70 Crores will be spent as part of Enterprise Social Commitment on the issues raised during PH. The plant and mine has given direct employment to 340 people. The existing and proposed production capacities are as follows:

S. No.	Unit	Existing capacity	Proposed Expansion by Unit IV	Total Capacity after Expansion
1.	Clinker Production	2.78 MTPA	1.75 MTPA	4.53 MTPA
2.	Cement Production	3.90 MTPA	1.75 MTPA	5.65 MTPA

The details of the raw material required for the project is provided in the following table:

Raw Material	Quantity per annum (in MTPA)				Mode of Transport
	Unit - I, II and III	Unit - IV	Total	Sourced from	
Limestone	4.43	2.60	7.03	Captive mines	Closed Conveyor/Dumpers
Coal	0.53	0.30	0.83	Singareni Collieries	Road /Rail
Iron Ore	0.11	0.10	0.27	YSR Kadapa District	Road
Bauxite	0.06			Rajahmundry	Road
Gypsum	0.17	0.08	0.25	Coramandel Fertilizers Ltd	Road
Fly ash for PPC	0.64	0.61	1.25	From VTPS and KTPS	Closed pipelines

3.0 The dust collected will be recycled back into the process. Clinker will be stored in clinker storage tanks. Gypsum and additives will be stored in covered storage sheds. Cement will be stored in silos. All raw material transfer conveyor will be covered with non-asbestos sheets. All roads and open area in the plant are cement concreted. Flyash is transported in bulk tankers only. Transport vehicle are periodically checked for Pollution Under Control certificate from approved RTA agencies. Separate 25 km railway line from Jagaiahpet was laid for transport of raw materials and cement to reduce impact of transport on the surrounding environment. Truck mounted vacuum cleaner and road sweepers are deployed and good housekeeping is being maintained.

4.0 Present water consumption for the plant and colony is 1260 m<sup>3</sup>/day. The source of the water is borewells. Additional water requirement for the expansion project will be 800 m<sup>3</sup>/day. Permission obtained from Ground Water Department for 1500 m<sup>3</sup>/day. Additional 580 m<sup>3</sup>/day of water will be met from Mine pit /Ground water. No wastewater is generated from cement plant process. Wastewater generation from the colony will increase by 24 m<sup>3</sup>/day. MHIL will install a new STP of 50 m<sup>3</sup>/day capacity for handling the additional wastewater generated from the colony.

5.0 Public hearing was conducted on 12/11/2014 at MHIL – Line - IV Mellacheruvu. The major issues discussed were pollution and limit damage to environment, to provide Water Harvesting Structures or rain water storage tanks to increase ground water level, green belt with fruit bearing plants, employment training programmes to improve skills, providing air pollution control systems for the proposed plant development of the area and creation of jobs for the unemployed.

6.0 The matter was considered during the 33<sup>rd</sup> meeting of the EAC held on 10<sup>th</sup> and 11<sup>th</sup> February, 2015. After detailed deliberations, the EAC (I) recommended the project for Environmental Clearance and stipulated Specific Conditions along with other environmental conditions while considering for accord of Environmental Clearance.

7.0 The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee (Industry) and hereby decided to grant Environmental Clearance to the above mentioned proposal under the provisions of EIA Notification dated 14<sup>th</sup> September 2006, subject to strict compliance of the following Specific and General conditions:

**A. SPECIFIC CONDITION:**

- i. The expansion project shall comply with the new MOEFCC Standards vide GSR 612 (E) dated 25.08.2014 with respect to particulate matter, SO<sub>2</sub>, NO<sub>x</sub> for Cement sector.
- ii. The project proponent should install 24x7 air and water monitoring devices to monitor air emission and effluent discharge, as provided by CPCB and submit report to Ministry and its Regional Office.
- iii. Continuous stack monitoring facilities to monitor gaseous emissions from the process stacks shall be provided. After expansion, limit of PM shall be controlled to meet prescribed standards by installing adequate air pollution control system. Low NO<sub>x</sub> burners shall be provided to control NO<sub>x</sub> emissions. Regular calibration of the instruments must be ensured.
- iv. All the pollution control devices/equipment in raw mill/kiln, kiln feeding system, clinker cooler, coal mill, cement mill, and cement silos, shall be interlocked so that in the event of the pollution control devices/systems not working, the respective unit(s) shut down automatically.
- v. Efforts shall be made to achieve power consumption of 70 units/tonne for Portland Pozzolona Cement (PPC) and 95 units/tonne for Ordinary Portland Cement (OPC) production and thermal energy consumption of 670 Kcal/Kg of clinker.
- vi. The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16<sup>th</sup> November, 2009 shall be followed.
- vii. AAQ Modelling shall be carried out based on proposed expansion based on the specific mitigative measures proposed for the expansion project and mitigative measures taken to keep the emissions well below the standards. h

- viii. Secondary fugitive emissions shall be controlled and shall be within the prescribed limits and regularly monitored. Guidelines / Code of Practice issued by the CPCB in this regard shall be followed.
- ix. Arsenic and Mercury shall be monitored in emissions, ambient air and water.
- x. Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials including fly ash shall be transported in the closed containers only and shall not be overloaded. The company shall have separate truck parking area. Vehicular emissions shall be regularly monitored.
- xi. Efforts shall be made to further reduce water consumption by using air cooled condensers. All the treated wastewater shall be recycled and reused in the process and/or for dust suppression and green belt development and other plant related activities etc. No process wastewater shall be discharged outside the factory premises and 'zero' discharge shall be adopted.
- xii. Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.
- xiii. Regular monitoring of influent and effluent surface, sub-surface and ground water shall be ensured and treated wastewater shall meet the norms prescribed by the State Pollution Control Board or described under the Environment (Protection) Act, 1986 whichever are more stringent. Leachate study for the effluent generated and analysis shall also be regularly carried out and report submitted to the Ministry's Regional Office, SPCB and CPCB.
- xiv. All the bag filter dust, raw mill dust, coal dust, clinker dust and cement dust from pollution control devices shall be recycled and reused in the process and used for cement manufacturing. Spent oil and batteries shall be sold to authorized recyclers / reprocessors only.
- xv. The proponent shall implement a Plan for 100% utilisation the fly ash from the Power Plant in the Cement Plant. All the fly ash shall be utilized as per Fly ash Notification, 1999 subsequently amended in 2003 and 2008. Efforts shall be made to use fly ash maximum in making Pozzolona Portland Cement (PPC).
- xvi. The proposed cement plant kiln shall be provided with a flexible fuel feeding system to enable use of hazardous wastes such as oil sludge, cut tyres, etc.
- xvii. The proponent shall examine and prepare a plan for utilisation of high calorific wastes such as chemical wastes, distillation residues, refuse derived fuels, etc as alternate fuels based on availability and composition. For this, the proponent shall identify suitable industries with such wastes and enter into an MOU for long-term utilisation of such wastes as per the E(P) A Rules, 1986 and with necessary approvals.

- xviii. Efforts shall be made to use of high calorific hazardous waste in the cement kiln and necessary provision shall be made accordingly. The PP shall enter into an MOU with units with potential for generating HW. And in accordance with HW Regulations and prior approval of the TSPCB.
- xix. As proposed, green belt over 33% of the total project area shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.
- xx. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants shall be implemented.
- xxi. All the commitments made to the public during the Public Hearing / Public Consultation meeting shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office.
- xxii. At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs and action plan with financial and physical breakup/details shall be prepared and submitted to the Ministry's Regional Office. Implementation of such program shall be ensured accordingly in a time bound manner.
- xxiii. The proponent shall prepare a detailed CSR Plan for every next 5 years for the existing-cum-expansion project, which includes village-wise, sector-wise (Health, Education, Sanitation, Health, Skill Development and infrastructure requirements such as strengthening of village roads, avenue plantation, etc) activities in consultation with the local communities and administration. The CSR Plan will include the amount of 2% retain annual profits as provided for in Clause 135 of the Companies Act, 2013 which provides for 2% of the average net profits of previous 3 years towards CSR activities for life of the project. A separate budget head shall be created and the annual capital and revenue expenditure on various activities of the Plan shall be submitted as part of the Compliance Report to RO, Chennai. The details of the CSR Plan shall also be uploaded on the company website and shall also be provided in the Annual Report of the company.
- xxiv. A Risk Assessment Study and Disaster Preparedness and Management Plan along with the mitigation measures shall be prepared with a focus of Disaster Prevention and a copy submitted to the Ministry's Regional Office, SPCB and CPCB within 3 months of issue of environment clearance letter.
- xxv. Trace mettles in the air should be analyzed and should be submitted along with the 6 monthly
- xxvi. Possibilities shall be explored for the proper and full utilization of gases generated from the kiln in waste heat recovery boiler (WHRB) and a feasibility report shall be prepared and submitted to the Ministry and its Regional Office within 3 months from the date of issue of the letter.

- xxvii. To educate the workers, all the work places where dust may cause a hazard shall be clearly indicated as a dust exposure area through the use of display signs which identifies the hazard and the associated health effects.
- xxviii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

**B. GENERAL CONDITIONS:**

- i. The project authorities must strictly adhere to the stipulations made by the Telangana Pollution Control Board and the State Government.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEFCC).
- iii. At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub> and NO<sub>x</sub> are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Chennai and the SPCB/CPCB once in six months.
- iv. Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19<sup>th</sup> May, 1993 and 31<sup>st</sup> December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.
- v. The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).
- vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- vii. The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.
- viii. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.
- ix. Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the

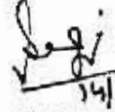
Ministry of Environment, Forest and Climate Change (MoEFCC) as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Chennai. The funds so provided shall not be diverted for any other purpose.

- x. A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.
- xi. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEFCC at Chennai. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- xii. The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEFCC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Chennai / CPCB / SPCB shall monitor the stipulated conditions.
- xiii. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEFCC at Chennai by e-mail.
- xiv. The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forest and Climate Change (MoEFCC) at <http://envfor.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Chennai.
- xv. Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.

8.0 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory. h

9.0 The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.


10.0 The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.

  
24/09/2015

(Dr. Satish C. Garkoti)  
Scientist 'F'

**Copy to:-**

1. The Secretary, Department of Environment, Govt. of Telangana.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi, 110 032.
3. The Chairman, A-3, Prayauaraana Bhavan, Industrial Estate Sanath Nagar, Moosapet, Moosapet, Hyderabad, Telangana 500018.
4. Additional Principal Chief Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (SEZ), I<sup>st</sup> and II<sup>nd</sup> Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai – 34
5. Guard File / Record File/Monitoring file.

  
(Dr. Satish C. Garkoti)  
Scientist 'F'



REGD.POST WITH ACK.DUE

CONSENT ORDER FOR ESTABLISHMENT (EXPANSION)

Order No. 05/TSPCB/CFE/RO-NLG/HO/2015

Dt. 30.05.2019

**Sub:** PCB –CFE - **M/s. My Home Industries Pvt. Ltd., (Formerly M/s. My Home Industries Ltd.) (Plant), Mellacheruvu (V & M), Suryapet District** – Consent for Establishment (Expansion) of the Board under Sec.25 of Water (P & C of P) Act, 1974 and Under Sec.21 of Air (P&C of P) Act, 1981 - Issued - Reg.

**Ref:** 1) Environmental Clearance dt. 14.09.2015 issued by MOE&F, GOI.  
2) Industry's application received through TS-iPASS on 24.04.2019  
3) R.O's inspection report dt. 13.05.2019.  
4) CFE Committee meeting held on 21.05.2019.  
5) Industry's Ir.dt. 21.05.2019.

1. In the reference 1st cited, an application was submitted to the Board seeking Consent for Establishment (CFE) for expansion to produce the following products with installed capacities as mentioned below, with a total project cost of Rs.390.0 crores.

**Existing:**

Sl. No.	Name of the Products	As per CFO order dt.14.07.2016	Proposed capacity as per application.	Total after expansion
	<b>Unit – I</b>			
1	Clinker	0.66 MTPA	--	0.66 MTPA
2	Cement	0.792 MTPA	--	0.792 MTPA
	<b>Unit – II</b>			
1	Clinker	1.183 MTPA	--	1.183 MTPA
2	Cement	1.108 MTPA	--	1.108 MTPA
	<b>Unit – III</b>			
1	Clinker	1.20 MTPA	--	1.20 MTPA
2	Cement	1.40 MTPA	--	1.40 MTPA
	<b>Unit – IV</b>			
1	Clinker	--	1.75 MTPA	1.75 MTPA*
2	Cement	--	1.75 MTPA	1.75 MTPA*
Captive Power Plant (Waste Heat Recovery Based)				7.0 MW

\*The overall total capacity of clinker - 4.593 MTPA and cement capacity of 5.65 MTPA shall not be exceeded as per the quantity mentioned in the Environmental Clearance dt. 14.09.2015.

2. As per the application, the above activity is to be located within the plant premises located at **Mellacheruvu (V & M), Suryapet District.**
3. The above site was inspected by the Environmental Engineer and Asst. Environmental Engineer, Regional Office, T.S. Pollution Control Board, Nalgonda on 10.05.2019 and found that the site is surrounded by

**North** : Colony approach and agricultural lands.  
**South** : M/s. Keerthi Industries Ltd., (Formerly M/s. Suvarna Cements Ltd.,)  
**East** : Road followed by Mellacheruvu mine of the industry.  
**West** : Agricultural lands.

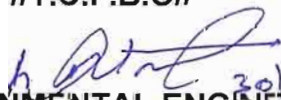
4. The Board, after careful scrutiny of the application and verification report of Regional Officer, hereby issues CONSENT FOR ESTABLISHMENT (Expansion) to your activity Under Section 25 of Water (Prevention & Control of Pollution) Act 1974 and Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under. **This order is issued to manufacture the products as mentioned at para (1) only.**
5. This Consent Order now issued is subject to the conditions mentioned in Schedule 'A' and Schedule 'B'.
6. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.

Encl: Schedule 'A'  
Schedule 'B'

**Sd/-**  
**MEMBER SECRETARY**

To  
**M/s. My Home Industries Pvt. Ltd.,**  
**(Formerly M/s. My Home Industries Ltd.) (Plant),**  
**Mellacheruvu (V & M), Suryapet District.**

//T.C.F.B.O//

  
**ENVIRONMENTAL ENGINEER**  
**(UNIT-II)**  
30/5/2019

### SCHEDULE - A

1. Progress on implementation of the project shall be reported to the Regional Office, T.S. Pollution Control Board, Nalgonda once in six months.
2. Separate energy meters shall be provided for Sewage Treatment Plant (STP) and Air pollution Control equipments to record energy consumed.
3. The proponent shall obtain Consents for Operation (CFO) from TSPCB, as required Under Sec.25/26 of the Water (P&C of P) Act, 1974 and under sec. 21/22 of the Air (P&C of P) Act, 1981, before commencement of the activity.
4. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves its right and power Under Sec.27(2) of Water (Prevention and Control of Pollution) Act, 1974 and Under Sec.21(4) of Air (Prevention and Control of Pollution) Act, 1981 to review any or all the conditions imposed herein and to make such alternation as deemed fit and stipulate any additional conditions by the Board.
5. The consent of the Board shall be exhibited in the factory premises at a conspicuous place for the information of the inspecting officers of different departments.
6. Compensation is to be paid for any environmental damage caused by it, as fixed by the Collector and District Magistrate as civil liability.
7. The rules and regulations notified by Ministry of Law and Justice, GOI, regarding the Public Liability Insurance Act, 1991 shall be followed.
8. This order is valid for period of 5 years from the date of issue.

### SCHEDULE – B

#### Water:

1. The source of water is Borewell & Mining pit and the maximum permitted water consumption is 3890 KLD for the entire plant.

SI.N o.	Water Consumption	Existing As per CFO order dt.14.07.2016	Proposed	Total after expansion
1	Process	450 KLD	600 KLD	1050 KLD
2	Cooling	540 KLD	1500 KLD	2040 KLD
3	Dust suppression	60 KLD	80 KLD	140 KLD
4	Domestic	260 KLD	20 KLD	280 KLD
5	Gardening/Irrigation	180 KLD	100 KLD	280 KLD
6	Boiler feed/make up	--	40 KLD	40 KLD
7	DM plant/regeneration	--	60 KLD	60 KLD
	<b>Total</b>	<b>1490 KLD</b>	<b>2400 KLD</b>	<b>3890 KLD</b>

2. The maximum Waste Water Generation (KLD) for the entire plant shall not exceed the following:

Sl.No.	Waste Water Generation	Existing As per CFO order dt.14.07.2016	Proposed (Unit-IV)	Total after expansion
1	DM plant/ regeneration/ Fresh water R.O. plant rejects	--	60.0	60.0
2	Boiler Blow Down	--	2.0	2.0
3	Cooling bleed off	--	70.0	70.0
4	Domestic effluents 16 KLD from Unit-1+144 KLD from Unit-II+ 48 KLD from Unit-III after treatment	208 KLD	16 KLD	224 KLD
<b>Total</b>		<b>208 KLD</b>	<b>148 KLD</b>	<b>356 KLD</b>

**Treatment & Disposal:**

Source of Effluent	Treatment proposed*	Mode of final disposal
Domestic	Sewage treatment Plant (400 KLD)	On land for gardening after treatment.

3. The domestic waste water from the plant shall be treated in STP. The treated waste water shall be recycled and reused in the process and/or for dust suppression, green belt development and under no circumstances shall be discharged out side the factory premises. The zero discharge shall be implemented.
4. All the units of the STP shall be impervious to prevent ground water pollution.
5. The effluents shall be treated to the on land for irrigation standards, stipulated under Environment (Protection) Rules, 1986, notified and published by Ministry of Environment and Forests, Government of India as specified in Schedule VI vide G.S.R.422 (E), dt.19.05.1993 and its amendments thereof, and additional standards / conditions stipulated by APPCB.
6. Separate meters with necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned below.
- Industrial cooling, boiler feed.
  - Domestic purposes.
  - Processing, whereby water gets polluted and pollutants are easily bio-degradable.
  - Processing, whereby water gets polluted and the pollutants are not easily bio-degradable.

**Air:**

7. The proponent shall comply with the following for controlling air pollution :

**Existing:**

S No.	Source of pollution	Control equipment provided	Flow rate in m <sup>3</sup> /hr.	Stack height in Mts – above GL
<b>Unit I</b>				
1	Attached to Horizontal Rotary Kiln of 2000 TPD	RABH	292000	51mt.
2	Attached to Cooler	ESP	140000	30mt.
3	Attached to 12 TPH Coal mill	Bag filter	45000	35mt.
4	Attached to 52 TPH Cement mill	Bag filter	20000	35mt.
5	Attached to Packing plant / Packer	Bag filter	---	30mt.

6	Attached to Clinker storage, LS crusher, Coal crusher, Hopper tops, silo tops (Raw, meal and cement silos), Belt conveyor transfer points, clinker dropping etc for handling clinker, cement & gypsum	---	---	---
<b>Unit II</b>				
7	Attached to Horizontal Rotary Kiln of 2800 TPD	RABH	364000	124 mt.
8	Attached to Clinker cooler	ESP	270000	40 mt.
9	Attached to 110 TPH Cement mill – 2 & Cement mill - 3	Bag filter	58600	35 mt.
10	Attached to 20 TPH Coal mill	Bag filter	63000	35 mt.
11	Attached to 850 TPH LS crusher	Bag filter	70000	30 mt.
12	Attached to 20 TPH Coal Crusher	Bag filter	5000	---

13	Attached to Clinker storage, LS crusher, coal crusher, hopper tops, silo tops, belt conveyor transfer points, clinker dropping etc.	---	---	---
<b>Unit III</b>				
14	Attached to 1.2 MTPA Horizontal Rotary Kiln 3	RABH	575000	134.2 mt.
15	Attached to Clinker cooler – 3	ESP	450000	40 mt.
16	Attached to Cement mill – 4 & Cement mill - 5	Bag filter	60000	46 mt.
17	Attached to Coal mill – 3	Bag filter	100000	55 mt.
18	Attached to LS crusher – 3	Bag filter	75000	30 mt
19	Attached to Coal crusher	Bag filter	4000	---
20	Attached to Hopper tops, silo tops, belt conveyor transfer points, clinker dropping etc.,	---	---	---
21	Attached to 2 x 1944 KVA + 1 x 125 KVA DG sets  (Common for unit– I, II & III)	Silencer	---	30 mt. 7 feet

#### **PROPOSED:Unit-IV**

Sl. No	Details of Stack	Stack 1	Stack 2	Stack 3	Stack 4	Stack 5
a)	Attached to:	Raw mill/ Kiln	Clinker cooler ESP	Coal Mill	Cement mill	LS Crusher at Mines
b)	Capacity	450 TPH	450 TPH	60 TPH	285 TPH	850 TPH
c)	Fuel form: Solid / Liquid/ gaseous	Solid Waste Heat from Pre heater	Waste Heat from Cooler	--	--	--
		The gases after recovery of waste heat are connected to the regular Cement Plant exhaust system.		--	--	--
e)	Stack height:	--	--	--	--	--
	i) Above the roof (m.)	--	--	--	--	--
	ii) Above the ground (m.)	120 mt.	30mt.	30 mt.	30 mt.	30 mt
g)	Details of Air Pollution Control Equipment:	RABH	ESP	Bag filter	Bag filter	Bag filter

8. The ESP and Bag filters shall be designed such that 25% of additional capacity is available as spare to meet the emergency requirements.
9. The industry shall provide concrete roads in the plant to avoid the fugitive dust emissions. Vacuum / pneumatic dust collection system shall be used for cleaning the internal roads.
10. The proponent shall ensure compliance of the National Ambient Air quality standards notified by MOE&F, GOI vide notification No. GSR 826(E), dated. 16.11.2009, during construction and regular operational phase of the project.
11. The proponent shall provide interlocking system for air pollution control equipments provided with raw material feeding system so that the feeding of raw material would be stopped incase the air pollution control equipments fails.
12. The SPM Concentration in emissions from the Kiln and other air pollution sources shall not exceed 30 mg/Nm<sup>3</sup>.
13. The industry shall install online monitoring equipments for the major stacks viz., Raw mill / Kiln, Clinker cooler etc., and connect to the CPCB & TSPCB server.
14. A sampling port with removable dummy of not less than 15 cm diameter shall be provided in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc. A platform with suitable ladder shall be provided below 1 meter of sampling port to accommodate three persons with instruments. A 15 AMP 250 V plug point shall be provided on the platform.

**Solid Waste:**

15. The proponent shall comply with the following:

S. No.	Name of the Hazardous waste	Stream	Quantity of Hazardous waste	Proposed	Disposal Option.
1	Used oils & Waste lube oil	5.1 of Schedule – I	4.8 KLPA	8 KLPA	Authorized Reprocessors / Recyclers.
2	Waste grease	5.1 of Schedule – I	860kg/ year	5000 Kgs/ annum	
3	Hy-chrome forged grinding media	13.1 of Schedule – I	9.5 TPA	--	

16. The following rules and regulations notified by the MOE&F, GOI shall be implemented.
  - a) Hazardous and Other wastes (Management and Transboundary Movement), Rules, 2016.
  - b) Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989.
  - c) Batteries (Management & Handling) Rules, 2010, Dt.4.5.2010.
  - d) E-Waste (Management) Rules, 2016.

**Other Conditions:**


17. The proponent shall provide necessary facilities for receipt of processed Refusal Derived Fuel (RDF) and use the same as alternate fuel. They shall submit details of quantity of RDF consumed in the kilns to the Board on monthly basis.

18. Existing Green belt shall not be disturbed in the proposed activity.
19. The over all noise levels in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc., on all sources of noise generation.
20. The proponent shall ensure that there shall not be any change in the process technology and scope of working without prior approval from the Board.
21. The proponent shall comply with all the directions issued by the Board from time to time.
22. Concealing the factual data or submission of false information/ fabricated data and failure to comply with any of the conditions mentioned in this order and attract action under the provisions of relevant pollution control Acts.
23. The Board reserves its right to modify above conditions or stipulate new / additional conditions and to take action including revoke of this order in the interest of environment protection.
24. The Board reserves its right to modify above conditions or stipulate any additional conditions including revocation of this order in the interest of environment protection.
25. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules, 1982, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.

**Sd/-**  
**MEMBER SECRETARY**

To  
**M/s. My Home Industries Pvt. Ltd.,**  
**(Formerly M/s. My Home Industries Ltd.) (Plant),**  
**Mellacheruvu (V & M), Suryapet District.**

//T.C.F.B.O//

  
**ENVIRONMENTAL ENGINEER**  
**(UNIT-II)**



भारत सरकार

GOVERNMENT OF INDIA

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय

MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE

Regional Office (South Eastern Zone),

1<sup>st</sup> & 2<sup>nd</sup> floor, HEPC Building, No.34, Cathedral Garden Road,  
Nungambakkam, Chennai - 600034

Tel. No. 044-2822 2325; E-mail: roefccc1@gmail.com



F. No. EP/12.1/205/AP/ 0576  
Date: 08/04/2019

To

The Director & Member Secretary,  
(Industry - 1), IA Division,  
Ministry of Environment, Forest & Climate Change,  
Indira Paryavaran Bhavan, Jorbagh Road,  
Aliganj, New Delhi - 110 003.

**Subject: Expansion in Clinker production from 2.78 MTPA to 3.043 MTPA of M/s My Home Industries Ltd., at Village and Mandal Mellacheruveu, District Nalgonda (presently Suryapet District) in Telangana State.**

&

**Expansion of Cement Plant (Clinker 2.48 MTPA to 2.78 MTPA & Cement 3.30 MTPA to 3.90 MTPA) at Village & Mandal Mellacheruvu at Choutapalli, Mandal Matampalli, District Nalgonda, (presently Suryapet District), Andhra Pradesh (presently in the State of Telangana) by M/s My Home Industries Ltd. - Compliance certification regarding.**

**Ref: (1).** Letter No. EP/12.1/205/AP/ 0265 dated 11/02/2019 of Regional Office of MoEF&CC. at Chennai.

(2). Letter No. MHIPL/ENV/MCW-Plant/2018-19/ dated 30/03/2019 of M/s My Home Industries Ltd.

Sir,

Reference is invited to the letter No.MHIPL/ENV/MCW-Plant/2018-19/ dated 30/03/2019 of M/s My Home Industries Ltd. along with action taken report submitted to this Office endorsing the copy of the same to the MoEF&CC, New Delhi, wherein project authority requested the comments / compliance report of Regional Office on the action taken report as desired by the EAC.


Based on the action taken report submitted by the project authority, the compliance status / comments of the Regional Office on the observations reported in the monitoring report cited above is furnished as under:

Sl. No.	Observation / non-compliance reported	Action taken report submitted by the PA	Comments of Regional Office
1.	PA shall comply with the action plan submitted to CPCB in connection with the minor spikes of NO <sub>x</sub> emission observed in Kiln-2.	Low NO <sub>x</sub> burners were installed for compliance of NO <sub>x</sub> emissions. We have submitted confirmation to CPCB against compliance vide letter dated 19/12/2018. (supporting documents placed at Annexure-1 of reply)	From the latest online monitored data submitted by PA, it has been observed that the NO <sub>x</sub> emission is within the limit.
2.	PA shall explore the possibility of providing dedicated covered coal storage yard to prevent secondary fugitive emissions from the Coal storage area.	Based on prevailing meteorological conditions, provided 10-12 feet height wind shelter fencing all along the coal storage to prevent primary fugitive emission. High jet water sprinklers installed and green belt is being developed around the	Based on the supporting documents submitted by the PA, wind shelter fencing all along the coal storage has been made and Ministry may take appropriate view.

		<p>yard to control fugitive emission (Supporting documents placed at Annexure-2 of reply).</p> <p>Further, PA claimed that as per latest standardization of EC conditions for integrated cement plants, MoEF&amp;CC also recommended wind shelter fencing for raw material stock piles.</p>	
3.	<p>Though the enterprise Social Commitment (ESC) was reportedly implemented, details are not made available regarding action plan with financial and physical breakup prepared and submitted to the Regional Office of MoEF&amp;CC</p>	<p>Rs. 2.5 Crores earmarked towards corporate environmental responsibility / Enterprise Social commitment over a period of ten years. Welfare and community development activities are being carried in consultation with local panchayats considering local needs. Expenditure on CER/ESC along with details during the last 5 years is enclosed as Annexure -3 of the reply.</p>	<p>PA submitted the details of enterprise Social Commitment (ESC) reportedly implemented.</p>


This issues with the approval of Competent Authority vide diary No.468 dated 8/04/2019.

Yours faithfully,

  
(Dr. M.T. Karuppiah)  
Scientist - D

**Copy to:**

- ✓ (1). Shri. M. Laxmaiah, Vice President (Works), M/s My Home Industries Private Limited, Mellacheruvu Village & Mandal, Suryapet District, Telangana State - 508 246. Phone:08683 226025; Fax: 08683 226354, (E-mail: [ml@myhomegroup.in](mailto:ml@myhomegroup.in)) – w.r.t letter No. MHIPL/ENV/MCW-Plant/2018-2019 dated 30/03/2019.
- (2). The Director, Monitoring Cell, IA Division, Indira Paryavaran Bhavan, Ministry of Environment, Forest & Climate Change, Jorbagh Road, Aliganj, New Delhi – 110 003.

  
(Dr. M.T. Karuppiah)  
Scientist - D

14(M) Nalgonda

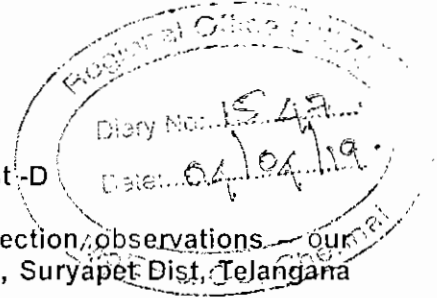
Ref : MHIPL/ENV/MCW-Plant/2018-19

30.03.2019

The Additional Principal Chief Conservator of Forest (C),  
Ministry of Environment, Forests and Climate Change,  
Government of India,  
Regional Office (South Eastern Zone)  
1<sup>st</sup> and 2<sup>nd</sup> Floor, HEPC Building,  
No.34, Cathedral Garden Road,  
Nungambakkam,  
Chennai-600 034.

30/3/19  
4/4/19  
mjk  
msh  
stg

Kind Attn : Dr. M.T. Karupiah, Scientist -D



Sub: Action taken report – EC compliance monitoring inspection observations – our  
Cement Plant located at Village & Mandal Mellacheruvu, Suryapet Dist, Telangana  
State - Reg.

Ref: 1) Your letter F.No.EP/12.1/205/AP/ dated 11.02.2019.  
2) Our letter - Submission of action plan & clarifications- dated 20.02.2019.

Dear Sir,

It is submitted that our proposal (IATG/IND/95625/2019) for obtaining environmental clearance under EIA notification 2006 for proposed clinker production enhancement from 3.043 MTPA to 3.5 MTPA was taken-up for appraisal by EAC (Industry-1) in the meeting held on 28.03.2019 at MoEFCC New Delhi.

Expert Appraisal Committee during the meeting directed to obtained comments / compliance report of Regional Office on the corrective measures and action taken report submitted against monitoring observations cited-2 (copy enclosed), for further appraisal of our proposal.

We request your goodself to provide necessary comments / compliance report on our action taken report to MoEFCC, New Delhi as required by EAC (Industry-1).

This is for your kind information and needful at the earliest please.

Thanking you,

Yours faithfully,  
For My Home Industries Private Limited

M. Laxmaiah  
Vice President (Works)

Encl : As above

CC : The Director (Industry-1), I.A.Division, MoEFCC, Indira Paryavaran Bhawan,  
Jor Bagh Road, Ali Ganj, New Delhi – 110 003, for kind information please.



## My Home Industries Private Limited



Ref: MHIPL/ENV/MCW-Plant/2018-19/140

20.02.2019

The Additional Principal Chief Conservator of Forest (C),  
Ministry of Environment, Forests and Climate Change,  
Government of India,  
Regional Office (South Eastern Zone)  
1<sup>st</sup> and 2<sup>nd</sup> Floor, HEPC Building,  
No.34, Cathedral Garden Road,  
Nungambakkam,  
Chennai-600 034.

**Sub: Submission of action plan & clarifications - Environmental Clearance conditions monitoring inspection report observations – our Cement Plant located at Village & Mandal Mellacheruvu, Suryapet Dist, Telangana State - Reg.**

Ref: Your letter F.No.EP/12.1/205/AP/ dated 11.02.2019.

Dear Sir,

With reference to your inspection of our cement plant site on 26<sup>th</sup> & 27<sup>th</sup> January 2019 and Environmental Clearance conditions monitoring report reference cited, we are herewith submitting our action plan and clarifications for compliance of observations, as below-

1) PA shall comply with the action plan submitted to CPCB in connection with the minor spikes of NOx emission observed in Kiln-2.

- Low NOx burners were installed for compliance of NOx emissions.
- We have submitted confirmation to CPCB against compliance of new emission standards [PM, SO2 & NOx] vide our letter dated 19.12.2018. Copy of letter enclosed as Annexure-1.

2) PA shall explore the possibility of providing dedicated covered coal storage yard to prevent secondary fugitive emissions from the Coal storage area.

- Based on prevailing meteorological conditions/ predominant wind direction at site, we have provided 10-12 ft height Wind shelter fencing [sheeting] all along the coal storage area to prevent primary fugitive dust emission while handling.
- Wind shelter fencing control fugitive dust emission during handling and cross winds.
- High jet water sprinklers are installed in the coal yard to prevent secondary fugitive dust emission while handling & vehicle movement.
- An amount of Rs.275 lakhs were spent for coal storage yard fugitive dust control measures.
- Greenbelt is developed around the yard which also acts as curtain for fugitive dust emission control.
- Covered shed have serious safety issues for workmen & vehicle movement during material handling.
- As per latest standardization of EC conditions for integrated cement plants, MoEFCC also recommended wind shelter fencing for raw material stock piles.
- Photographs of wind barrier sheeting, Coal shed and greenbelt at storage yard are enclosed as Annexure-2.

*KHS*

Works: SrInagar, Mellacheruvu (Post & Mandal), Suryapet Dist. - 508 246, Telangana, India.  
Ph.: 08683 226025, 226316 | Fax : 08683 226354 | Email: mahacement@myhomegroup.in

Regd. & Corp. Office: 9<sup>th</sup> Floor, Block-3, My Home Hub, Madhapur, Hyderabad - 500 081, Telangana, India. | Ph.: +91-40-6692 9696  
Fax: +91-40-2311 8000 | Email: corp@myhomegroup.in | Web: www.myhomeindustries.com | CIN: U26942TG1984PTC004951


3) Though the enterprise Social Commitment (ESC) was reportedly implemented, details are not made available regarding action plan with financial and physical breakup prepared and submitted to the Regional Office of MoEF&CC.

- Rs.2.5 crores earmarked towards corporate environmental responsibility (CER) / Enterprise Social Commitment (ESC) over a period of ten years as per EC dated 15.12.2014.
- Welfare and community development activities are being carried in consultation with local panchayats, considering local needs.
- Details of CER/ESC are being submitted to MoEFCC RO-Chennai as part of six monthly compliance reporting.
- Expenditure on CER/ESC alongwith details during last 5 years in enclosed as Annexure-3.

This is for your kind information and assures to maintain compliance of environmental clearance conditions, please.

Thanking you,

Yours faithfully,  
For My Home Industries Private Limited

  
M. Laxmaiah  
Vice President (Works)



*K/1/1*  
Encl : as above

Copy to: Shri. Sharath Kumar Pallerla, Scientist – F & Member Secretary, (Industry - 1),  
IA Division, Ministry of Environment, Forests & Climate Change,  
Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi – 110 003.

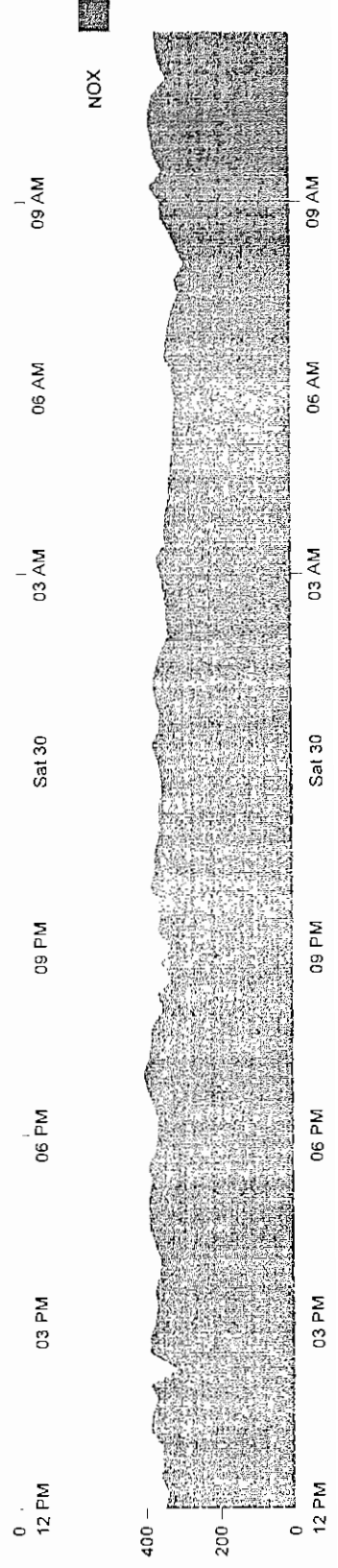
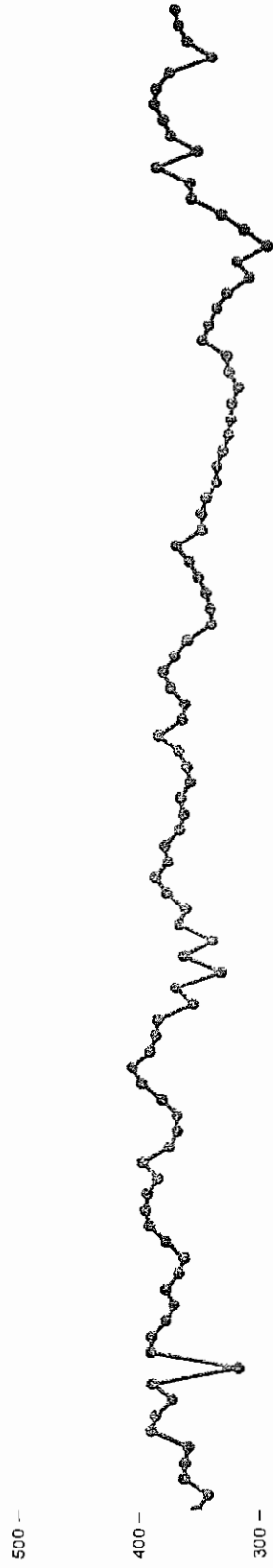
# My Home Industries pvt Ltd Sack\_1\_KILN\_1

Works: Srinagar, Mellacheruvu (Post & Mandal) Nalgonda Telangana 508246

Start Date - 2019-03-29  
End Date - 2019-03-30  
Average - 15 minutes

1=U (Usable Data), 4=C (Calibration Data), 5=F (Faulty Data), 6=Z (ZeroCal Data)

NOX (mg/Nm<sup>3</sup>)



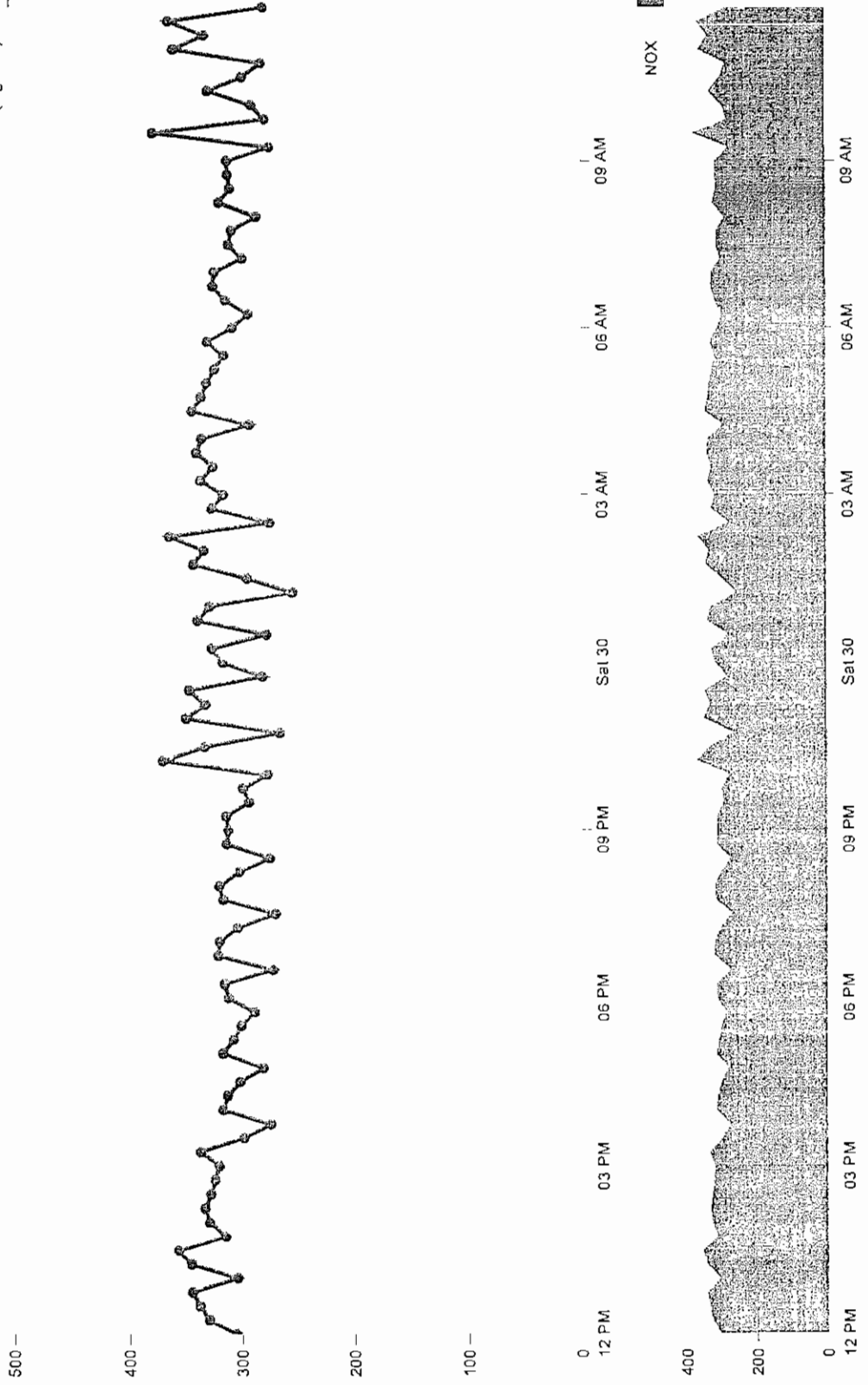
# My Home Industries pvt Ltd Stack\_4\_KILN\_2

Works: Srinagar, Mellacheruvu (Post & Mandal) Nalgonda Telangana 508246

Start Date - 2019-03-29  
End Date - 2019-03-30  
Average - 15 minutes

1=U (Usable Data), 4=C (Calibration Data), 5=F (Faulty Data), 6=Z (ZeroCal Data)

NOX (mg/Nm<sup>3</sup>)

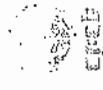


# My Home Industries pvt Ltd Sack\_7\_KILN\_3

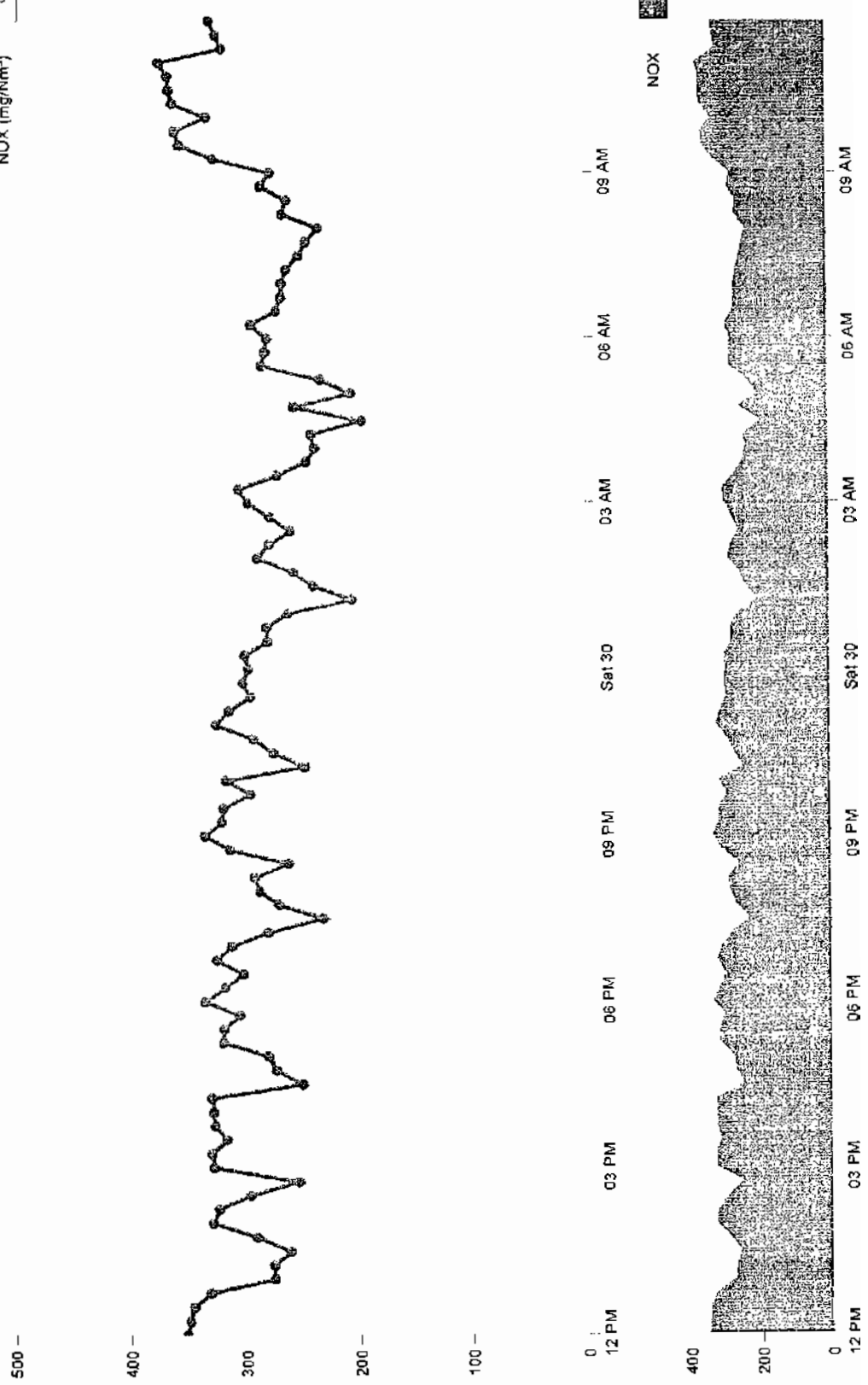
Works: Srinagar, Mellacheruvu (Post & Mandal) Nalgonda Telangana 508246

Start Date - 2019-03-29  
End Date - 2019-03-30  
Average - 15 minutes

1=U (Usable Data), 4=C (Calibration Data), 5=F (Faulty Data), 6=Z (ZeroCal Data)



NOX (mg/Nm<sup>3</sup>)





**My Home Industries Private Limited**



MHIPL/MCW/ENV/2018-19/125

19.12.2018

**The Member Secretary,  
Central Pollution Control Board  
Parivesh Bhavan, East Arjun Nagar,  
DELHI – 110 032.**

Sub: Confirmation of compliance – notified emission standards – our cement plant located in Mellacheruvu village & Mandal, Suryapet Dist, Telangana State - Reg.

- Ref: 1) Your Show cause notice letter no. B-33014/7/2018/IPC-II/13776 dated 06.12.2018  
2) Our letter no. MHIPL-MCW/CPCB/2018-19 dated 05.10.2018  
3) Your letter no. B-33018/02/2018/IPC-II/7537 dated 20.07.2018  
4) Our letter no. MHIPL-MCW/CPCB/2018-19 dated 07.07.2018  
5) Our revised action letter no. MHIPL-MCW/CPCB/2017-18 dated 29.09.2017  
6) Your letter.No.B-33014/7/IPC-II/2017-18/11076 dated 14.09.2017

Dear Sir,

Within reference to your letter cited-1, we hereby confirm compliance with applicable standards for PM, SO<sub>2</sub> and NO<sub>x</sub> emissions in our Cement Plant Unit-I, II&III. Summary of compliance status is enclosed for your ready reference.

It is submitted that, we had confirmed achievement of compliance with the notified emission standards for applicable parameters of PM, SO<sub>2</sub> and NO<sub>x</sub> well before 31.08.2018 through our earlier letter dated 07.07.2018 reference cited-4.

As stated in our earlier letter dated 07.07.2018 only sometimes marginal exceedance of NO<sub>x</sub> emission was observed in Kiln-2, which was due to technical errors of online monitoring. But manual monitoring data of isokinetic sampling was observed to be below applicable standard. Manual monitoring reports conducted during July '18 & Aug '18 for enclosed for your kind reference and justification.

Additionally, it was proposed to install low NO<sub>x</sub> burner at a cost of Rs. 200 Lakhs to eliminate even marginal exceedance, if any. We have rectified technical errors of online monitoring system and also installed low NO<sub>x</sub> burner to ensure no marginal exceedance take place during normal operations.

We have also installed online calibration check facility for gaseous parameters and successfully demonstrated to CPCB.

**Works:** Srinagar, Mellacheruvu (Post & Mandal), Suryapet Dist. - 508 246, Telangana, India.  
Ph.: 08683 226025, 226316 | Fax : 08683 226354 | Email: mahacement@myhomegroup.in

**Regd. & Corp. Office:** 9<sup>th</sup> Floor, Block-3, My Home Hub, Madhapur, Hyderabad - 500 081, Telangana, India. | Ph.: +91-40-6692 9696  
Fax: +91-40-2311 8000 | Email: corp@myhomegroup.in | Web: www.myhomeindustries.com | CIN: U26942TG1984PTC004951

:2:

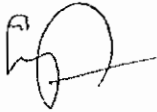
We once again confirm our compliance with applicable emission standards for PM, SO<sub>2</sub> and NO<sub>x</sub> in our Cement Plant Unit-I,II&III and humbly request CPCB not to take any further action considering the facts and our sincere effort for compliance achievement, please.

We shall be grateful, if an opportunity is given to us for a personal hearing to explain our facts.

Thanking you,

Yours faithfully

for My Home Industries Private Limited.



M. Laxmaiah  
Vice President (Works)



My Home Industries Private Limited  
Melacheruvu (V&M), Suryapet District, Telangana State

Summary of Compliance Status

Process stacks attached to	Applicable Standards		Compliance Status	If complying, the technology adopted
	Parameter	Limit		
Kiln - 1	Particulate Matter	30 mg/Nm <sup>3</sup>	Complying	PTFE Membrane Bags provided for RABH
	SO2	100 mg/Nm <sup>3</sup>	Complying	--
	NOx	800 mg/Nm <sup>3</sup>	Complying	Calcliner firing and TAD modified
Cooler - 1	Particulate Matter	30 mg/Nm <sup>3</sup>	Complying	3 Phase transformers installed for Cooler ESps
Coal Mill - 1	Particulate Matter	30 mg/Nm <sup>3</sup>	Complying	PTFE Membrane Bags provided to Bag House
	Particulate Matter	30 mg/Nm <sup>3</sup>	Complying	PTFE Membrane Bags provided for RABH
Kiln - 2	SO2	100 mg/Nm <sup>3</sup>	Complying	--
	NOx	800 mg/Nm <sup>3</sup>	Complying	Low NOx burner provided
Cooler - 2	Particulate Matter	30 mg/Nm <sup>3</sup>	Complying	3 Phase transformers installed for Cooler ESps
Coal Mill - 2	Particulate Matter	30 mg/Nm <sup>3</sup>	Complying	PTFE Membrane Bags provided to Bag House
	Particulate Matter	30 mg/Nm <sup>3</sup>	Complying	PTFE Membrane Bags provided for RABH
Kiln - 3	SO2	100 mg/Nm <sup>3</sup>	Complying	--
	NOx	800 mg/Nm <sup>3</sup>	Complying	Low NOx burner provided
Cooler - 3	Particulate Matter	30 mg/Nm <sup>3</sup>	Complying	3 Phase transformers installed for Cooler ESps
Coal Mill - 3	Particulate Matter	30 mg/Nm <sup>3</sup>	Complying	PTFE Membrane Bags provided to Bag House
Cement Mill-1	Particulate Matter	30 mg/Nm <sup>3</sup>	Complying	PTFE Membrane Bags provided to Bag House
Cement Mill-2	Particulate Matter	30 mg/Nm <sup>3</sup>	Complying	PTFE Membrane Bags provided to Bag House
Cement Mill-1A	Particulate Matter	30 mg/Nm <sup>3</sup>	Complying	PTFE Membrane Bags provided to Bag House
Cement Mill-4	Particulate Matter	30 mg/Nm <sup>3</sup>	Complying	PTFE Membrane Bags provided to Bag House
Cement Mill-5	Particulate Matter	30 mg/Nm <sup>3</sup>	Complying	PTFE Membrane Bags provided to Bag House



# LAWN ENVIRO ASSOCIATES

[Engineers & Consultants in Pollution Control]

Recognised by Ministry of Environment Forest & Climate Change (MoEF & CC), GOI, New Delhi  
& Laboratory Accredited by NABL

## TEST REPORT

REF.NO: LAWN/MHIPL/2018

Date: 31-7-2018

### STACK MONITORING DATA

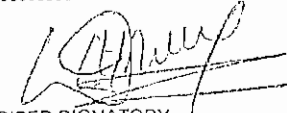
Name of the Industry & : M/s. MY HOME INDUSTRIES PVT. LTD.,  
Address : Srinagar, Mellacheruvu (V,P&M),  
Suryapet (Dist)-508 246. Telangana.

Sample Particulars : Kiln - II  
Protocol : IS-11255 (P-1)  
1985;ASTMD-3685

1. Date of sampling : 17-7-2018  
2. Starting Time : 3.00 pm  
3. Ending Time : 5.00 pm  
4. Stack diameter (m) : 3.0  
5. Stack cross sectional area (sq m) : 7.065  
6. Stack Height (m) : 124  
7. Pollution Control Equipment : RABH  
8. Flue gas temperature (°C) : 116  
9. Exit velocity of flue gases (m/sec): 14.02  
10. Flow rate (cum/hr) : 3,56,585

	EMISSION DATA	LIMITS AS PER TSPCB
11. Suspended particulate matter Concentration (mg/N m <sup>3</sup> )	: 14.70	30
12. Sulphur dioxide Concentration (mg/N m <sup>3</sup> )	: BDL	100
13. Oxides of nitrogen Concentration (mg/N m <sup>3</sup> )	: 725	800

Note: 1. The above Gaseous data is corrected to 10% oxygen  
2. BDL - Below Detectable Limit

  
AUTHORISED SIGNATORY  
Place: Hyderabad

STACK MONITORING KIT : MODEL NO.SEA-90 / SL.NO.090718, CALIBRATED ON 08-9-2017, DUE ON 07-9-2018  
M/S. AERO VIRONMENT ENGINEERS INC.

Head Office : "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad - 500 038. (T.S.) INDIA. Tel : 040-66730925, 66730926, Fax : 040-66730926

Branch Office : H.No.31-56-2/1, Ground Floor, Siman Nagar, Kurmannapalem, Visakhapatnam - 530046 (A.P) INDIA. Tel : +91-9030029925

E-mail : lawnenviro@yahoo.co.in, Website : www.lawnenviro.com



ISO 9001, 14001 & OHSAS 18001  
CERTIFIED COMPANY

# LAWN ENVIRO ASSOCIATES

[Engineers & Consultants in Pollution Control]

Recognised by Ministry of Environment Forest & Climate Change (MoEF & CC), GOI, New Delhi  
& Laboratory Accredited by NABL

## TEST REPORT

REF.NO: LAWN/MHIPL/2018

Date 24-8-2018

### STACK MONITORING DATA

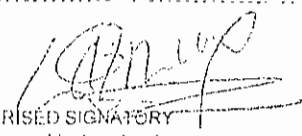
Name of the Industry & : M/s. MY HOME INDUSTRIES PVT. LTD.,  
Address : Srinagar, Mellacheruvu (V,P&M),  
Suryapet (Dist)-508 246. Telangana.

Sample Particulars : Kiln - II  
Protocol : IS-11255 (P-1)  
1985;ASTMD-3685

1. Date of sampling : 15-8-2018
2. Starting Time : 9.00 am
3. Ending Time : 11.00 am
4. Stack diameter (m) : 3.0
5. Stack cross sectional area (sq m) : 7.065
6. Stack Height (m) : 124
7. Pollution Control Equipment : RABH
8. Flue gas temperature (°C) : 103
9. Exit velocity of flue gases (m/sec): 15.99
10. Flow rate (cum/hr) : 3,56,585

	EMISSION DATA	LIMITS AS PER TSPCB
11. Suspended particulate matter Concentration (mg/N m <sup>3</sup> )	: 13.01	30
12. Sulphur dioxide Concentration (mg/N m <sup>3</sup> )	: BDL	100
13. Oxides of nitrogen Concentration (mg/N m <sup>3</sup> )	: 710	800

Note: 1. The above Gaseous data is corrected to 10% oxygen  
2. BDL - Below Detectable Limit

  
AUTHORISED SIGNATORY  
Place: Hyderabad

STACK MONITORING KIT : MODEL NO.SEA-90 / SL.NO.090718, CALIBRATED ON 08-9-2017, DUE ON 07-9-2018  
M/S. AERO VIRONMENT ENGINEERS INC.

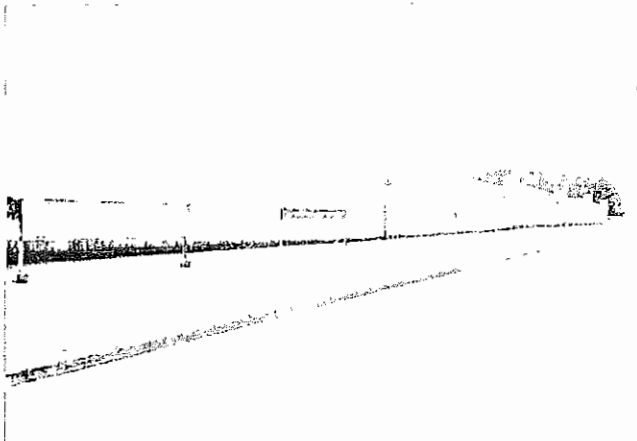
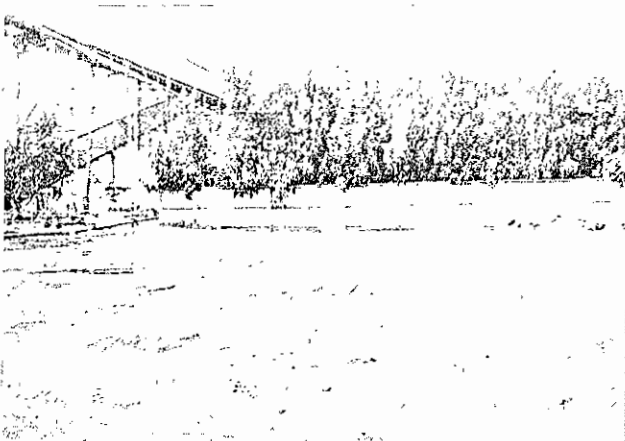
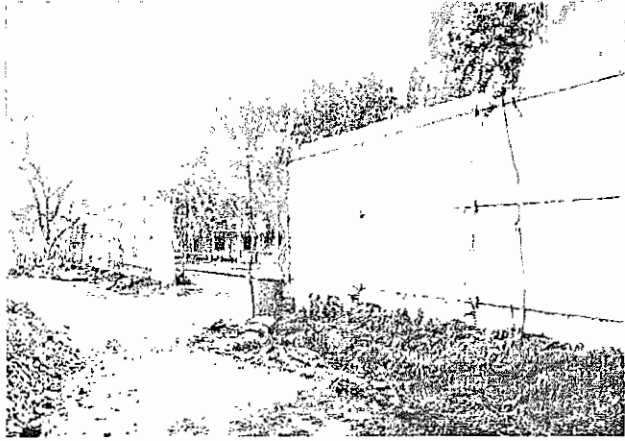
Head Office : "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad - 500 038. (T.S.) INDIA. Tel: 040-66730925, 66730926, Fax 040-66730926

Branch Office : H.No.31-50-2/1, Ground Floor, Siman Nagar, Kurnannapalem, Visakhapatnam - 530046 (A.P.) INDIA Tel : +91-9030023025

E-mail : lawnenviro@yahoo.co.in, Website : www.lawnenviro.com

Wind Barrier Sheeting & Coal shed at Storage Yard

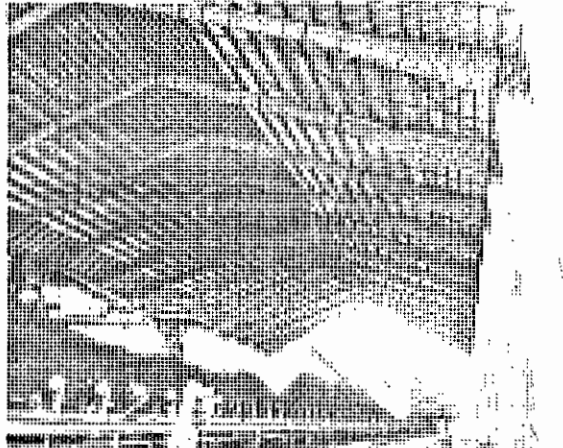
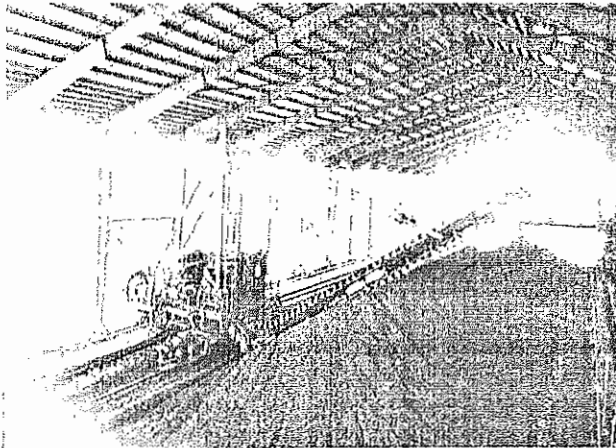
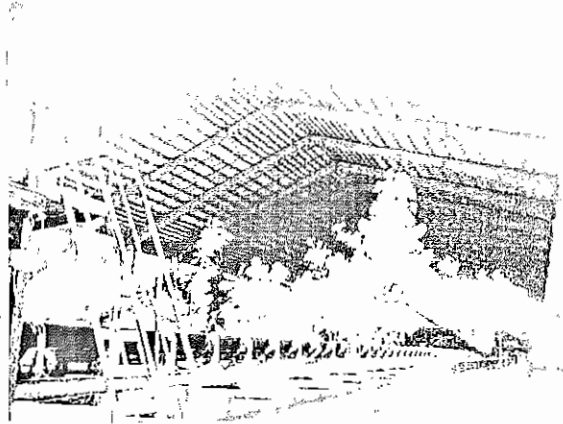
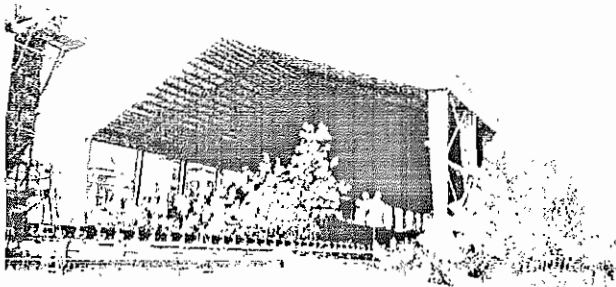
Erected wind barriers sheets about 10-12 ft height all around the coal storage yard in order to prevent fugitive dust carryover.



Wind sheets and Plantation along the boundary of cola storage yard



Wind Barrier Sheeting Outside view



Coal Shed at storage yards

**My Home Industries private Limited  
Mellacheruvu**

**Statement on activates carried out under CSR/ESC**

2.5 crores earmarked towards Enterprise Social Commitment (ESC) over a period of ten years. Welfare and community development activities are being carried out in co-ordination with local communities and panchayats in the nearby villages of our industry under CSR Programme. These activities are carried out by considering local needs & concerns raised during public hearing.

MHIPL MCW has strategically chosen the company's CSR/ESC initiatives with a focus on improving quality of life. The initiatives focus on five areas: Health care, Education, Infrastructure, Social issues & Sustainable livelihood.

Sl. No.	Focus Area	Activates/Initiatives
1	Health Care	Arranging Health Camps, Veterinary Camps & Medicine Distribution in nearby villages.
2	Education	Meritorious scholarships to the students, Honorarium to the Vidya volunteers.
3	Infrastructure	Village infrastructure development, Roads & bus shelters constructions, Repairs of village medical centers & schools. RO water plants arrangements.
4	Social Issues	Drinking water supply, Sports tournaments, Religious infrastructure development.
5	Sustainable Livelihood	Skill Development training for local eligible youth.

Year wise expenditure under CSR/ESC is tabulated below:

Sl. No.	Year	Expenditure (in Lakhs)
1	2013-14	33.78
2	2014-15	80.29
3	2015-16	87.17
4	2016-17	40.04
5	2017-18	15.43
6	2018-19 (upto Dec'18)	26.66

\*\*\*\*

**My Home Industries Private Limited, Mellacheruvu**  
**Statement on Expenditure towards CSR/ESC**  
**2013-14**

SI.No	VILLAGE	DISCRIPTION	PURPOSE	SPENT in Rs.	DATE
1	Mellacheruvu	Erection of doors & Windows at ZPHS and 50 bags Cement Donated to ZPHS	EDUCATION	365000	24.09.2013
2	Mellacheruvu	Meritorious cash awards for x class ZPHS students Mellacheruvu	EDUCATION	36000	17.06.2013
3	Choutapalli	Meritorious cash awards for x class ZPHS students Choutapalli	EDUCATION	25000	18.06.2013
4	Yapalamadhavaram	Meritorious cash awards for VII & VIII class MPUPS students Yapalamadhavaram	EDUCATION	9000	24.06.2013
5	Hyderabad	Aranged Bus to Sathkama High School Children from Hyd to Plant and Plant to Hyd	EDUCATION	17800	01.10.2013
6	Mellacheruvu	Supply of plants to ayyappa swamy Temple	INFRASTRUCTURE	15000	16.10.2013
7	Mellacheruvu	1st RO plant constructed and opened	HEALTH CARE	600000	03.02.2014
3	Choutapalli	1st RO plant constructed and opened	HEALTH CARE	600000	03.02.2014
9	Mellacheruvu	Free mega health checkups & supply of medicines on free of cost	HEALTH CARE	291545	25.06.2013 & 21.09.2013
10	Choutapalli	Free mega health checkups & supply of medicines on free of cost	HEALTH CARE	130000	22.02.2014
11	Yapalamadhavaram	Free mega health checkups & supply of medicines on free of cost	HEALTH CARE	140689	15.12.2013
12	Mellacheruvu	free veterinary camps and supply of medicines on free of cost	HEALTH CARE	154272	28.09.2013 & 18.03.2014
13	Mellacheruvu	Erection of Ramp,Rings with rods , Shed at veterinary Hospital	HEALTH CARE	150000	30.09.2013
14	Mellacheruvu	Contributed to Ayyapaswamy Temple for construction	SOCIAL ISSUE	30000	05.05.2013
15	Mellacheruvu	Shiva Rathri Shambuligeswara swami kalyanam purpose Bull competition	SOCIAL ISSUE	30000	22.01.2014
16	Mellacheruvu	Water Supplied through Tankers in Summer 74 trips	HEALTH CARE	92500	31.05.2013
17	Mellacheruvu	Grandalaya Varostavalu	SOCIAL ISSUE	5000	17.11.2013
18	Nalgonda	District Collector Programme MANAKOSAM MANAM	SOCIAL ISSUE	400000	10.10.2013
19	Kandibanda	Chennakeshavaswamy Kalyanostavam	SOCIAL ISSUE	30000	20.01.2014
20	Mattampalli	Donated 1000 Bags Cement for Cristian Community Hall construction purpose	SOCIAL ISSUE	250000	17.09.2013 & 30.09.2013
21	Jajapur	Donated 25 Bags Cement for construction of Subadra old age home at Jajapur,Mahaboob Nagar dist	SOCIAL ISSUE	6250	17.09.2013
<b>Total, Rs</b>				<b>3,378,056</b>	

**My Home Industries Private Limited, Mellacheruvu**  
**Statement on Expenditure towards CSR/ESC**  
**2014-15**

Sl.No	VILLAGE	DISCRIPTION	PURPOSE	SPENT in Rs.	DATE
1	Mellacheruvu	Meritorious cash awards for x class ZPHS students Mellacheruvu	EDUCATION	41500	30.06.2014
2	Venkatrama Puram	Honorarium given to vidya volunteers & sweeper	EDUCATION	86500	21.06.2014
3	Yapalamadhavaram	Honorarium given to vidya volunteers	EDUCATION	110000	21.06.2014
4	Yapalamadhavaram	Meritorious cash awards for VII & VIII class MPUPS students Yapalamadhavaram	EDUCATION	12000	28.06.2014
5	Choutapalli	Meritorious cash awards for x class ZPHS students Choutapalli	EDUCATION	26500	30.06.2014
6	Mellacheruvu	2 RO plants constructed and opened	HEALTH CARE	1200000	03.11.2014
7	Mellacheruvu	Free mega health checkups & supply of medicines on free of cost	HEALTH CARE	307964	29.06.2014 & 25.10.2014
8	Mellacheruvu	free veterinary camps and supply of medicines on free of cost	HEALTH CARE	165410	26.08.2014 & 26.03.2015
9	Choutapalli	Free mega health checkups & supply of medicines on free of cost	HEALTH CARE	137940	29.03.2015
10	Yapalamadhavaram	Free mega health checkups & supply of medicines on free of cost	HEALTH CARE	155285	28.12.2014
11	Mellacheruvu	Water purifier with cooler and 2.2 K.V inverter donated to PHC	HEALTH CARE	160000	03.11.2014
12	Bakkamantula Gudem	Free mega health checkups & supply of medicines on free of cost	HEALTH CARE	111705	28.01.2015
13	Yapalamadhavaram	1 RO plant constructed and opened	HEALTH CARE	600000	20.02.2015
14	Mellacheruvu	Color TV and iron beeruva donated to library.	INFRASTRUCTURE	30000	03.11.2014
15	Mellacheruvu	Village development fund	INFRASTRUCTURE	2200000	05.08.2014
16	Choutapalli	Village development fund	INFRASTRUCTURE	1000000	09.08.2014
17	Yapalamadhavaram	Village development fund	INFRASTRUCTURE	1000000	09.08.2014
18	Huzurnagar	50 bags of cement donated for fire station, Huzurnagar for office repair	INFRASTRUCTURE	15000	30.05.2014
19	Choutapalli	Construction of gangamma temple (100 bags)	SOCIAL ISSUE	100 Cement Bags	13.06.2014
20	Yapalamadhavaram	Seetharama swamy kalyanam (2014)	SOCIAL ISSUE	10000	14.04.2014
21	Nalgonda	Fire safety week celebrations	SOCIAL ISSUE	10000	16.04.2014
22	Nalgonda	District collector programme Telangana samburalu	SOCIAL ISSUE	50000	30.05.2014
23	Huzurnagar	Telangana state basketball tournament organized by police department Huzurnagar donated 24 jackets (2 teams) (21.10.2014)	SOCIAL ISSUE	20000	25.10.2014
24	Mellacheruvu	Gangamma Temple Annadhanam	SOCIAL ISSUE	150000	15.02.2015
25	Mellacheruvu	Shiva Rathri Shambuligeswara swami kalyanam purpose Bull competition and Prabhalu	SOCIAL ISSUE	200000	18.02.2015
26	Yapalamadhavaram	Laxmi Thirupathamm Kalyanostavam	SOCIAL ISSUE	50000	05.03.2015
27	Yapalamadhavaram	Seetharama swamy kalyanam (2015)	SOCIAL ISSUE	30000	10.04.2015
28	Mellacheruvu	210 Trucks Soil (Transportation) donated to Makka Maszid	SOCIAL ISSUE	54900	22.12.2014
29	Kistapuram	300 bags Cement Donated to Kistapuram Temple & Maszid through MPP Mellacheruvu	SOCIAL ISSUE	90000	19.02.2015
30	Yapalamadhavaram	Prince youth District level volleyball tournament conducted in yapalamadhavaram player's lunch purpose	SOCIAL ISSUE	5000	14.01.2015
<b>Total, Rs</b>				<b>8,029,704</b>	

**My Home Industries Private Limited, Mellacheruvu**  
**Statement on Expenditure towards CSR/ESC**  
**2015-16**

Sl.No	VILLAGE	DISCRPTION	PURPOSE	SPENT in Rs.	DATE
1	YAPALAMADHAVARAM	Seetharama swamy kalyanam (2015) performing	SOCIAL ISSUE	30000	04-10-2015
2	SITHARAMAPURAM	Donated 200 Bags of Cement for construction of "Sri Sitha Rama Chandra Swami Devasthanam" at Sitharamapuram Village, Chilukuru Mandal Through Mr.Gunna Chandra Shekar Ex-ZPTC Chilikur	SOCIAL ISSUE	60000	4/19/2015
3	HEMLATHANDA	Donated 200 Bags of Cement for construction of "Bheemanna Swamy Devalayam" at Jagguthanda located at Hemlathanda Village, Mellacheruvu Mandal Through Mr.Banothu Bujjibabu MPTC Hemla Thanada	SOCIAL ISSUE	60000	4/26/2015
4	MATTAMPALLI	Shubavatha Temple Anvers Day and State level Bull computation award Purpose	SOCIAL ISSUE	50000	4/28/2015
5	KODAD	Donated 300 Bags of Cement for construction of "Sridevi Bhudevi Sahitha Sri Venkateswara Swamy Temple" at Laxmi Puaram Village, Kodad Mandal Through Smt N.Padmavathi Reddy MLA Kodad.	SOCIAL ISSUE	90000	5/22/2015
6	MATTAMPALLI	Sri Jyothi Prakash Yuvajana Natya kalamandali for Ekapatrabhinayam Computation through Sri Veeram Reddy Venkat Reddy Ex-Sarpanch Choutapalli	SOCIAL ISSUE	20000	5/21/2015
7	CHOUTAPALLI	Water Tanker trolley (5KL) Donated to Choutapalli village Gramapanchayat.	SOCIAL ISSUE	165000	5/29/2015
8	MUNAGALA KODAD MELLACHERUVU	12 Road Stop Boards provided to Police Department Munagala Mandal PS-5,Kodad Mandal PS-5,Mellacheruvu Mandal PS-2	SOCIAL ISSUE	144000	05-11-2015
9	MELLACHERUVU	Water Tanker trolley (5KL) Donated to Mellacheruvu village Gramapanchayat.	SOCIAL ISSUE	165000	06-11-2015
10	MELLACHERUVU	Conducted Mega Health Camp Mellacheruvu ZPHS	HEALTH CARE	205720	6/27/2015
11	MELLACHERUVU	Meritorious cash Awards for X class ZPHS students Mellacheruvu	EDUCATION	50000	07-06-2015
12	YAPALAMADHAVARAM	Meritorious cash Awards for VII & VIII Class MPUPS students Yapalamadhavaram	EDUCATION	13000	07-08-2015
13	CHOUTAPALLI	Meritorious cash Awards for X class ZPHS students Choutapalli	EDUCATION	24000	7/13/2015
14	VENKTRAMAPURAM	Honorarium given to Vidhya Volunteers & Sweeper	EDUCATION	150000	7/13/2015
15	SITHLA THANDA	100 bags of cement donated for "Lord Hanuman Temple" SithalaThanda (V),Chilikur (M),Nalgonda (Dt)	SOCIAL ISSUE	30000	7/15/2015
16	NALGONDA	As a part of Telanganaku Harithaharam contributed for Landscaping and Plantation Work at SP Office Nalgonda	SOCIAL ISSUE	100000	7/23/2015
17	MELLACHERUVU	As a part of Telanganaku Harithaharam contributed for Landscaping and Plantation Work at Police Station Mellacheruvu	SOCIAL ISSUE	48750	9/14/2015
18	YAPALAMADHAVARAM	300 trips waste material for laying of village internal Roads and 200 trips of waste material for Sri Laxmi Thirupathamma Temple premises land filling purpose.	SOCIAL ISSUE	703300	07-10-2015
19	RAMAPURAM	100 bags of cement donated for renuotion of "Veterinary Hospital" at Ramapuram (V),Mellacheruvu (M),Nalgonda (Dt)	SOCIAL ISSUE	30000	08-06-2015
20	MELLACHERUVU	Conducted Veterinary Camp at Veterinary Hospital Mellacheruvu	HEALTH CARE	105231	8/26/2015
21	YAPALAMADHAVARAM	200 trips waste material for filling land for Godown construction of Primary Agriculture Co-Operative Society Ltd, Mellacheruvu in	SOCIAL ISSUE	350222	09-07-2015
22	MELLACHERUVU	Village infrastructure development Fund 30 Lakh Rupees donated to Mellacheruvu village Gramapanchayat	SUSTAINABLE DEVELOPMENT	3000000	9/19/2015
23	CHOUTAPALLI	Village infrastructure development Fund 10 Lakh Rupees donated to Choutapalli village Gramapanchayat	SUSTAINABLE DEVELOPMENT	1000000	9/19/2015
24	MATTAMPALLI	Village infrastructure development Fund 10 Lakh Rupees donated to Mattampalli village Gramapanchayat	SUSTAINABLE DEVELOPMENT	1000000	10-03-2015
25	HUZURNAGAR	Telangana state basketball tournament organized by police department Huzurnagar donated 24 jackets (2 teams)	SPORTS and GAMES	20000	10/25/2015
26	CHOUTAPALLI	Mega Health Camp conducted at Choutapalli ZPHS	HEALTH CARE	201156	11-08-2015
27	YAPALAMADHAVARAM	Free Veterinary Camp at Yapalamadhavaram Village	HEALTH CARE	72721	12-11-2015
28	CHOUTAPALLI	Free Veterinary Camp at Choutapalli Village	HEALTH CARE	69400	1/27/2016
29	KODAD	Donated to Sangala Radha Krishna Swachanda Seva Samsta (Mentally & Physically Handicapped Children's Home)	SOCIAL ISSUE	50000	2/21/2016
30	VEPALA SINGARAM	Sreedevi Bhudevi Sametha Sri Venkateswara Swamy Temple Painting works Purpose (Mudem Radha Gopi Reddy)	SOCIAL ISSUE	50000	2/22/2016
31	KANDIBANDA	Sri Chennakeshava Swamy Kalyanam Purpose	SOCIAL ISSUE	50000	2/23/2016
32	MELLACHERUVU	Donated 25000 rupees to Tahsildar Mellacheruvu for 50,000 drinking water packets for Shivarathri Jathara purpose	SOCIAL ISSUE	25000	03-05-2016
33	MELLACHERUVU	SC Colony Prabha Purpose (Abbas & Venkateswarlu Word Memners)	SOCIAL ISSUE	10000	03-05-2016
34	MELLACHERUVU	Srimadwirat Pothuluri Veerabrah,endra Swamy Natakam at Maha Shivarathri Jathara (Sunkara Narayana)	SOCIAL ISSUE	10000	03-09-2016
35	MELLACHERUVU	Satya Harichandra Ekapatrabhinayam at Maha Shivarathri Jathara (Posham Venkat Reddy)	SOCIAL ISSUE	20000	03-09-2016
36	MELLACHERUVU	Donated 20000 rupees Ayyappa Swamy Temple New Vighra Prathista	SOCIAL ISSUE	20000	03-10-2016
37	SDS	SKILL DEVELOPMENT SCHEME (STIPEND)		525300	2015-16
<b>Total, Rs</b>				<b>8,717,800</b>	

**My Home Industries Private Limited, Mellacheruvu**  
**Statement on Expenditure towards CSR/ESC**  
**2016-17**

S.No	VILLAGE	DISCRPTION	PURPOSE	SPENT in Rs.	DATE
1	YAPALA MADHAVARAM	Water Tanker trolley (5KL) Donated to Yapalamadavaram village Gramapanchayat.	INFRASTRUCTURE	156500	4/14/2016
2	BAKKAMANTHULA GUEDEM	Water Tanker trolley (5KL) Donated to Bakkamanthula Gudem village Gramapanchayat	INFRASTRUCTURE	156500	4/25/2016
3	YAPALA MADHAVARAM	Donated street Lights with Electrical equipment to Gramapanchayat	INFRASTRUCTURE	120000	4/28/2016
4	MELLACHERUVU	Shiva Rathri Shambuligeswara swami Kalyanam purpose Bull competition	SOCIAL ISSUE	30000	4/22/2016
5	YAPALA MADHAVARAM	Donated for Sri Seetha Rama Kalyanam on the occasion for Sri Rama Navami	SOCIAL ISSUE	10000	4/25/2016
6	YAPALA MADHAVARAM	Donated for Prabha on the occasion for Sri Rama Navami	SOCIAL ISSUE	30000	4/28/2016
7	YAPALA MADHAVARAM	300 trips of waste material for laying of roads form village leading to agricultural lands 2 Km distance	INFRASTRUCTURE	482405	6/15/2016
8	KANDHI BANDA	Water Tanker trolley (5KL) Donated to Kandhi Banda Gramapanchayat.	INFRASTRUCTURE	165000	07-11-2016
9	YAPALA MADHAVARAM	Donated street Lights with Electrical equipment to Thirupathamma Temple	INFRASTRUCTURE	10677	07-12-2016
10	VENKATRAMA PURAM	Honorarium given to Two Vidhya Volunteers & one Sweeper for the year 2016-17	EDUCATION	126000	7/18/2016
11	MELLACHERUVU	Water provided through Water tanker to Mellacheruvu Gramapanchayat form 10.04.2016 to 10.07.2016	HEALTH CARE	356400	7/22/2016
12	MELLACHERUVU	Donation of 156 School Kit Bags for 1 <sup>st</sup> to 5 <sup>th</sup> class Students under "DR.J.RAMESWAR RAO'S MAHA SCHOLAR".	EDUCATION	51527	08-03-2016
13	MELLACHERUVU	Donation of 77 School Kit Bags for 1 <sup>st</sup> to 5 <sup>th</sup> class Students under "DR.J.RAMESWAR RAO'S MAHA SCHOLAR".	EDUCATION	25433	08-03-2016
14	VENKATRAMA PURAM	Donation of 86 School Kit Bags for 1 <sup>st</sup> to 5 <sup>th</sup> class Students under "DR.J.RAMESWAR RAO'S MAHA SCHOLAR".	EDUCATION	28406	08-03-2016
15	YAPALA MADHAVARAM	Donation of 107 School Kit Bags for 1 <sup>st</sup> to 5 <sup>th</sup> class Students under "DR.J.RAMESWAR RAO'S MAHA SCHOLAR".	EDUCATION	35342	08-03-2016
16	CHOUTAPALLI	Donation of 148 School Kit Bags for 1 <sup>st</sup> to 5 <sup>th</sup> class Students under "DR.J.RAMESWAR RAO'S MAHA SCHOLAR".	EDUCATION	48884	08-04-2016
17	KANDHIBANDA	Donation of 85 School Kit Bags for 1 <sup>st</sup> to 5 <sup>th</sup> class Students under "DR.J.RAMESWAR RAO'S MAHA SCHOLAR".	EDUCATION	28076	08-04-2016
18	MATTAMPALLI	30 high Visible Jackets and 30 Iron Road Stoppers donated to Mattmapli Police Station for Krishna Puskaralu	INFRASTRUCTURE	125400	08-08-2016
19	MELLACHERUVU	70 high Visible Jackets and 40 Iron Road Stoppers donated to Mellacheruvu Police Station for Krishna Puskaralu	INFRASTRUCTURE	172600	08-09-2016
20	KODAD	Donated 2 Lakhs for 200 Police people Breakfast, Lunch and Dinner purpose for Krishna Puskaralu	SOCIAL ISSUES	200000	8/23/2016
21	MELLACHERUVU	Construction of barged for Vehicle holding point at Mellacheruvu two locations for Krishna Puskaralu	SOCIAL ISSUES	55000	8/23/2016
22	MELLACHERUVU	Water provided through Water tanker to Mellacheruvu Gramapanchayat form 10.04.2016 to 29.09.2016	HEALTH CARE	227205	9/29/2016
23	LACHERUVU (ZPHS & KG) MATTAMPALLI (ZPHS & KG) CHOUTAPALLI (ZPHS) KANDHIBANDA (ZPHS) THAMMAVARAM (ZPHS) REVURU (ZPHS) CHINTHALAPALEM (ZPHS) VARADHAPURAM (ZPHS) ALLIPURAM (ZPHS) ELYANAYAK TANDA (ZPHS)	Meritorious Cash Awards distribution to Top Three Rank 10 <sup>th</sup> Class Students of 12 Govt Schools	EDUCATION	216000	2/18/2017
24	MELLACHERUVU	Donated 25000 rupees to Tahsildar Mellacheruvu for 50,000 drinking water packets for Shivarathri Jathara purpose	SOCIAL ISSUE	25000	2/22/2017
25	MELLACHERUVU	Donated 1 <sup>st</sup> Prize for State level Bull computation on the eve of Maha shivarathri Jathara	SOCIAL ISSUE	30000	2/26/2017
26	MELLACHERUVU	Donated 1 <sup>st</sup> Prize for State level Kabaddi Tournament on the eve of Maha shivarathri Jathara	SOCIAL ISSUE	30000	2/26/2017
27	MELLACHERUVU	Water Supply through Tankers to Shivalayam on the eve of Maha Shivarathri Jathara	SOCIAL ISSUE	30000	2/26/2017
28	MELLACHERUVU	Constructed Two Toilet cum bathroom at Sivalayam	INFRASTRUCTURE	62000	2/26/2017
29	MELLACHERUVU	Donated Plywood sheets for repair School Benches	EDUCATION	30000	03-05-2017
30	MELLACHERUVU	Donated 8 Tri Cycles to Physically Challenged People	SOCIAL ISSUE	45000	3/31/2017
31	SDS	SKILL DEVELOPMENT SCHEME (STIPEND)		894831	2016-17
<b>TOTAL</b>				<b>40,041,86.00</b>	

**My Home Industries Private Limited, Mellacheruvu**  
**Statement on Expenditure towards CSR/ESC**  
**2017-18**

Sl.No	VILLAGE	DISCRIPTION	PURPOSE	SPENT in Rs.	DATE
1	RAGHUNADHA PALEM	Contributed for Sri Rama Kaiyanam and Bull competition	SOCIAL ISSUES	30000	16-04-2017
2	THOGARRAI	Donated 300 cement Bags to Sri Laxmi Narayana Swamy Temple	SOCIAL ISSUES	90000	04-05-2017
3	MATTAMAPLLI	Contributed for Bull competition on the eve of Shubavartha Devalayam Jathara (Village Festival)	SOCIAL ISSUE	30000	29-04-2017
4	MELLACHERUVU	Contributed for Telangana Formation Day Celebrations to Tahsildar Mellacheruvu	SOCIAL ISSUES	25000	01-06-2017
5	Venkatramapuram hamlet of Mellacheruvu	Honorarium given to Two Vidhya Volunteers & one Sweeper for the year 2017-18	Education	126000	20-07-2017
6	MELLACHERUVU	Five Borewell Drilling Purpose at Mellacheruvu Grampanchayat	INFRASTRUCTURE	198000	05-08-2017
7	SDS	SKILL DEVELOPMENT SCHEME(STIPEND)	Sustainable Livelihood	254893	2017-18
8	MELLACHERUVU	TELENGANA STATE BASKET BALL TOURNAMENT	SOCIAL ISSUE	20000	10-05-2017
9	MELLACHERUVU	SWAYAMBU SHAMBU LINGESHWARA SWAMY TEMPLE	SOCIAL ISSUE	5200	10/18/2017
10	SURYAPET	DISTRICT LEVEL SCIENCE & MATHS EXHIBITION	EDUCATIONAL ISSUE	20000	11/29/2017
11	MELLACHERUVU	AYYAPPA SWAMY TEMPLE	SOCIAL ISSUE	7000	12-02-2017
12	MELLACHERUVU	SWAYAMBU SHAMBU LINGESHWARA SWAMY TEMPLE SOIL LEVELLING TRACTOR,JCB PURPOSE	SOCIAL ISSUE	5430	12/28/2017
13	MELLACHERUVU	MAHA SCHOLOR CASH AWARDS	EDUCATIONAL ISSUE	18000	12/29/2017
14	MELLACHERUVU	SHIVALAYAM SOIL LEVELLING 2 TIPPERS BED ASH	SOCIAL ISSUE	7000	01-03-2018
15	REVURU (ZPHS)	MAHA SCHOLOR CASH AWARDS	EDUCATIONAL ISSUE	18000	01-10-2018
16	CHINTHALAPALEM (ZPH)	MAHA SCHOLOR CASH AWARDS	EDUCATIONAL ISSUE	18000	01-11-2018
17	MELLACHERUVU	DUST BINS PROVIDED SRI VENKATESWARA SWAMY TEMPLE	SOCIAL ISSUE	900	1/13/2018
18	KANDIBANDA (ZPHS)	MAHA SCHOLOR CASH AWARDS	EDUCATIONAL ISSUE	18000	1/22/2018
19	MELLACHERUVU	1TRACTOR,1JCB FOR SHIVALAYAM WORKS	SOCIAL ISSUE	26700	1/23/2018
20	MELLACHERUVU ( KGBV) MATTAMPALLI (ZPHS ) CHOUTAPALLI (ZPHS) RAGHUNATHAPALEM (ZPH) THOGARRAI (ZPHS)	Meritorious Cash Awards Distribution to Top Three Rank 10th class students of 6 Govt Schools	EDUCATIONAL ISSUE	108000	1/24/2018
21	Mellacheruvu ,Maltampalli & Chintala Palem	Meritorious Cash awards Tent & Snacks Lunch	EDUCATIONAL ISSUE	21300	1/24/2018
22	Mellacheruvu	Send Vehicles For Pulse Polio	SOCIAL ISSUE	2500	1/27/2018
23	Mellacheruvu	1TRACTOR,1JCB FOR SHIVARATRI WORKS TO GIVEN GRAM PANCHAYAT 2 DAYS	SOCIAL ISSUE	21000	1/28/2018
24	Vepala Madavaram	Sri Laxmi Thirapathamma Temple	SOCIAL ISSUE	150000	1/31/2018
25	MELLACHERUVU	SPONSERED KABADDI FIRST PRIZE	CORDIAL RELATIONS	30000	2/15/2018
26	MELLACHERUVU	SPONSERED BULL COMPETITIONSFIRST PRIZE	CORDIAL RELATIONS	30000	2/17/2018
27	MELLACHERUVU	SPONSORED SATHYA HARICHANDRA DRAMA	CORDIAL RELATIONS	10000	2/17/2018
28	MELLACHERUVU	LIGHTS ARRANGEMENTS	CORDIAL RELATIONS	10000	02-12-2018
29	MELLACHERUVU	WATER PACKETS & STALL	CORDIAL RELATIONS	31230	02-12-2018
30	MELLACHERUVU	BANNERS	CORDIAL RELATIONS	12250	02-12-2018
31	MELLACHERUVU	CANTEEN MEALS FOR GRAM PANCHYATI & TSRTC	CORDIAL RELATIONS	10068	02-12-2018
32	MELLACHERUVU	GUEST HOUSE MEALS,TIFFINS & TEA	CORDIAL RELATIONS	60000	2/17/2018
33	PRABHALU	MAHASHIVARATHRI	CORDIAL RELATIONS	115000	2/20/2018
34	MELLACHERUVU	JCB Provided to Yerragattu Thanda for Swacha Bharalh conducted	CORDIAL RELATIONS	6400	3/15/2018
35	YEPALA MADHAVARM	PROVIDED MOBILE ELEVATED WORKING PLATFORM	CORDIAL RELATIONS	8000	3/16/2018
Total, Rs				1,543,871	

**My Home Industries Private Limited, Mellacheruvu**  
**Statement on Expenditure towards CSR/ESC**  
**2017-18 (Up to Dec'18)**

SI.No	VILLAGE	DISCRIPTION	PURPOSE	SPENT in Rs.	DATE
1	Suryapet	Provided Cement Bags for construction of Kennis at District Police Office	Cordial relations	21000	4/22/2018
2	Mellacheruvu	5000 Liters. Water Provided to KGBV School	Cordial relations	550	04-02-2018
3	Mellacheruvu	2 Tippers of Bed ash provided to Lutheran Church Premises	Cordial relations	640	04-09-2018
4	Yerragattu Thanda	JCB Provided For Road side Bushes Cleaning	Cordial relations	9000	04-10-2018
5	Ramapuram	Donation For Dr.B.R.Ambedkar Youth Food & Cloth Distribution for old age people	Cordial relations	3000	4/14/2018
6	Kodad	Donation Of Cement Benches at Govt Homeo Dispensary	Cordial relations	49000	4/18/2018
7	Yepalamadavaram	Donation for Sri Seetha Rama anjaneya Laxmana Swamy Temple	Cordial relations	30000	4/22/18
8	Mellacheruvu	Fixing of Travis and CC flooring work at Mellacheruvu Veterinary Hospital	Cordial relations	4393	5/15/2018
9	Vepalamadavarm	Provide 36Mtrs GA Pipes (2.5 Inches Diameter) to Laxmi Thirapathamma Temple for Support Prabha	Cordial relations	15000	18-05-2018
10	Erragattuthanda	Bus stop	Cordial relations	150000	6/25/2018
11	Mellacheruvu	Kalyana Venkateswara Swamy Temple Construction I -Phase	Cordial relations	576730	07-08-2018
12	Mellacheruvu	CC Cameras	Cordial relations	200000	07-08-2018
13	Srinagar Colony Mellacheruvu	Cancer Awareness Programme & Free Medical Camp Conducted by Mahila Arogya Vikas Of Chinna Jeeyer Trust	Health Care	33,000	07.08.2018
14	Mallampalli	Annunciation Church	Social	100000	14.08.2018
15	Kodad	Shed & Cement Benches Provided at Govt Homeo Dispensary	Infrastructure	100000	28.08.2018
16	Boorugadda Village,	Financial Assistance For Sri Kanaka Durga Amma Vaari Temple .	Social	20900	21.09.2018
17	Venkatramapuram	Honorarium For Vidya Volunteers 2018-19	Educational	126000	26.09.2018
18	Yerragattu Thanda	Financial Assistance Of Ramalayam Works	Social	100000	26.09.2018
19	MELLACHERUVU	TB Camp	HEALTH /MEDICAL	15000	05.10.2018
20	YEPALAMADAVARAM	Pipes Jointing & Cutting at Laxmi thirupathma temple prabha	INFRASTRUCTURE	10000	07.10.2018
21	MELLACHERUVU	Vinayaka Chavilthi Cebtrations	SOCIAL	10000	07.10.2018
22	MELLACHERUVU	Provided One trip Black Soil & JCB	INFRASTRUCTURE	6800	07.11.2018
23	MELLACHERUVU	SC Community Hall	INFRASTRUCTURE	800000	29.11.2018
24	MELLACHERUVU	ZPHS Ground Levelling & Compound Wall white wash	EDUCATIONAL	115450	29.11.2018
25	MELLACHERUVU	Donated Books,Racks,Chairs & electrical equipment & Provided White Wash and Painting Windows & Doors to Branch Library	INFRASTRUCTURE	169650	20.12.2018
<b>Total, Rs</b>				<b>2,666,113</b>	



भारत सरकार

GOVERNMENT OF INDIA

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय

MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE

Regional Office (South Eastern Zone),

1<sup>st</sup> & 2<sup>nd</sup> floor, HEPC Building, No.34, Cathedral Garden Road,  
Nungambakkam, Chennai - 600034

Tel. No. 044-2822 2325; E-mail: roefccc1@gmail.com



F. No. EP/12.1/205/AP/  
Date: 11/02/2019

To

Shri. M. Laxmaiah,  
Vice President (Works),  
M/s My Home Industries Private Limited,  
Mellacheruvu Village & Mandal,  
Suryapet District, Telangana State - 508 246.  
Phone:08683 226025; Fax: 08683 226354.  
(E-mail: [ml@myhomegroup.in](mailto:ml@myhomegroup.in) )

**Subject: Expansion in Clinker production from 2.78 MTPA to 3.043 MTPA of M/s My Home Industries Ltd., at Village and Mandal Mellacheruvu, District Nalgonda (presently Suryapet District) in Telangana State.**

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**Expansion of Cement Plant (Clinker 2.48 MTPA to 2.78 MTPA & Cement 3.30 MTPA to 3.90 MTPA) at Village & Mandal Mellacheruvu at Choutapalli, Mandal Matampalli, District Nalgonda, (presently Suryapet District), Andhra Pradesh (presently in the State of Telangana) by M/s My Home Industries Ltd. – Compliance certification regarding.**

**Ref:** (1). EC letter No. J-11011/172/2012-IA II (I) dated 15/12/2014 of MoEF&CC.  
(2). EC letter No. J-11011/1014/2007/IA-II(I) dated 11/06/2008 of MoEF&CC.  
(3). EC letter No. J-11011/76/2006/IA-II(I) dated 25/05/2006 of MoEF&CC.  
(4). EC letter No. J-11011/19/2001/IA-II(I) dated 13/09/2001 of MoEF&CC.  
(5). EC letter No. J-11012/5/96/IA-II(I) dated 07/10/1996 of MoEF&CC.  
(6). EC letter No. J-11011/215/2013/IA-II(I) dated 14/09/2015 of MoEF&CC.  
(7). Letter No.MHIPL/ENV/MCW-Plant/2018-19/87 dated 04/10/2018 of M/s My Home Industries Ltd.

Sir,

In response to the letter dated 04/10/2018 of M/s My Home Industries Private Limited, as approved by the Competent Authority the above said project was monitored by the undersigned on 26<sup>th</sup> – 27<sup>th</sup> January, 2019. The certified compliance report of the above existing project is enclosed for perusal and further appropriate action. Project authority is requested to take necessary corrective measures on the following observed non-compliances:

1. PA shall comply with the action plan submitted to CPCB in connection with the minor spikes of NO<sub>x</sub> emission observed in Kiln-2.
2. PA shall explore the possibility of providing dedicated covered coal storage yard to prevent secondary fugitive emissions from the Coal storage area.
3. Though the enterprise Social Commitment (ESC) was reportedly implemented, details are not made available regarding action plan with financial and physical breakup prepared and submitted to the Regional Office of MoEF&CC.

This issues with the approval of Competent Authority vide diary No.172 dated 11/02/2019.

Yours faithfully,

Encls: As above

  
(Dr. M.T. Karuppiah)  
Scientist - D

**Copy to:**

- (1). Shri. Sharath Kumar Pallerla, Scientist – F & Member Secretary, (Industry - 1), IA Division, Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi – 110 003.
- (2). The Director, Monitoring Cell, IA Division, Indira Paryavaran Bhavan, Ministry of Environment, Forest & Climate Change, Jorbagh Road, Aliganj, New Delhi – 110 003.



**(Dr. M.T. Karuppiah)**  
**Scientist - D**

**Government of India**  
**Ministry of Environment, Forests and Climate Change (MoEF&CC)**  
**Regional Office – South Eastern Zone**  
**Nungambakkam, Chennai – 600034.**

**MONITORING REPORT**

**PART - I**

**DATA SHEET**

F.No.EP/12.1/205/AP/

- 1 Project Type : River valley : Industry  
/Mining/Industry / Thermal /  
Nuclear / Other Specify
- 2 Name of the project : Expansion in Clinker production from 2.78  
MTPA to 3.043 MTPA of M/s My Home  
Industries Ltd., at Village and Mandal  
Mellacheruveu, District Nalgonda (presently  
Suryapet District) in Telangana State.  
&  
Expansion of Cement Plant (Clinker 2.48  
MTPA to 2.78 MTPA & Cement 3.30 MTPA  
to 3.90 MTPA) at Village & Mandal  
Mellacheruvu at Choutapalli, Mandal  
Matampalli, District Nalgonda, (presently  
Suryapet District), Andhra Pradesh  
(presently in the State of Telangana) by M/s  
My Home Industries Ltd.
- 3 Clearance letter(s)/O.M. No. and date : 1. EC letter No. J-11011/172/2012-IA II (I)  
dated 15/12/2014 of MoEF&CC.  
2. EC letter No. J-11011/1014/2007/IA-II(I)  
dated 11/06/2008 of MoEF&CC.  
3. EC letter No. J-11011/76/2006/IA-II(I)  
dated 25/05/2006 of MoEF&CC.  
4. EC letter No. J-11011/19/2001/IA-II(I)  
dated 13/09/2001 of MoEF&CC.  
5. EC letter No. J-11012/5/96/IA-II(I) dated  
07/10/1996 of MoEF&CC.  
6. EC letter No. J-11011/215/2013/IA-II(I)  
dated 14/09/2015 of MoEF&CC.
- 4 Locations : Mellacheruvu Village
- a. Taluka (s) : Mellacheruvu Mandal
- District : Nalgonda (presently Suryapet District)
- b. State (s) : Telangana
- c. Latitudes/ Longitudes : 16<sup>0</sup> 48' 23.16" N to 16<sup>0</sup> 49' 2.77" N  
79<sup>0</sup> 54' 56.17" E to 79<sup>0</sup> 55' 59.34" E  
(As informed by project Authority)

5	<u>Address of correspondence:</u>	:	
a.	Address of concerned project Chief Engineer (with Pin Code & telephone / telex/fax numbers)	:	Shri. M. Laxmaiah, Vice President (Works), M/s My Home Industries Private Limited, Mellacheruvu Village & Mandal, Suryapet District, Telangana State - 508 246. Phone:08683 226025; Fax: 08683 226354. (E-mail: <a href="mailto:ml@myhomegroup.in">ml@myhomegroup.in</a> )
6	<u>Salient features</u> :	:	
a.	of the project	:	Existing unit in operation with production capacity of Clinker – 3.043 million TPA and Cement – 3.90 million TPA.
b.	of the environmental management plans	:	Submitted to MoEF&CC during project appraisal.
7	<u>Break up of the project area</u> :	:	
a	Submergence area (forest & non-forests)	:	Nil
b	Others	:	160 ha (As per Project Authority)
8	Break up of project affected population with enumeration of those losing houses/dwelling units only, agricultural land only, both dwelling units and agricultural land and landless labourers/artisans	:	-
a	SC,ST/Adivasis	:	-
b	Others	:	-
9	<u>Financial Details:</u>	:	
a	Project cost as originally planned and subsequent revised estimates and the years of price reference	:	(As per Project Authority) Rs. 50 Cr. (for EC- 2014) Rs. 5 Cr. (for EC-2008) Rs. 203 Cr. (for EC- 2006)
b	Allocations made for environmental management plans, with item wise and year wise breakup (Capital & Recurring)	:	Capital Cost : Rs. 5.8 Crores / annum Recurring Cost : Rs. 480 Lakhs / annum
c	Benefit cost ratio/internal rate of return and the years of assessment	:	--
d	Whether (c) includes the cost of environmental management as shown in (b) above	:	--
e	Total expenditure on the Project	:	Rs. 619 Crores (As per Project Authority)

	so far		
	f	Actual expenditure incurred on the environmental management plans so far	: (As per Project Authority) Capital Cost: Rs. 443.6 Lakhs (2018-2019) Recurring Cost: Rs. 576 Lakhs / annum
10		<u>Forest land requirement</u> :	: Nil
	a	The status of approval for a diversion of forest land for non-forestry use	: Not Applicable
	b	The status of compensatory afforestation, if any	: Not Applicable
	c	The status of clear felling	: Not Applicable
	d	Comments on the viability and sustainability of compensatory afforestation programme in the light of actual field experience so far	: Not Applicable
11		The status of clear felling in non-forest area (such as submergence area of reservoir, approach road), if any, with quantitative information	: Not Applicable
12		<u>Status of construction</u> :	: Existing Project in operation.
	a	Date of commencement	: 22/3/1998
	b	Date of completion (actual and/or planned)	: -
13		Reasons for the delay if the project is yet to start.	: NA
14		<u>Date of site visit</u> :	
	a	Date of site visit for this monitoring report	: 26/01/2019 & 27/01/2019

### **PRESENT STATUS OF THE PROJECT**

Ministry of Environment, Forests & Climate Change accorded environmental clearance for the expansion in Clinker production from 2.78 MTPA to 3.043 MTPA and Cement 3.30 MTPA to 3.90 MTPA at Village & Mandal Mellacheruvu at Choutapalli, Mandal Matampalli, District Nalgonda, (presently Suryapet District), Andhra Pradesh (presently in the State of Telangana) by M/s My Home Industries Ltd., subject to the implementation of environmental conditions and safeguards. Respective EC letters granted by the MoEF&CC at various stages are furnished under:

1. EC letter No. J-11011/172/2012-IA II (I) dated 15/12/2014 of MoEF&CC.
2. EC letter No. J-11011/1014/2007/IA-II(I) dated 11/06/2008 of MoEF&CC.
3. EC letter No. J-11011/76/2006/IA-II(I) dated 25/05/2006 of MoEF&CC.
4. EC letter No. J-11011/19/2001/IA-II(I) dated 13/09/2001 of MoEF&CC.

5. EC letter No. J-11012/5/96/IA-II(I) dated 07/10/1996 of MoEF&CC.
6. EC letter No. J-11011/215/2013/IA-II(I) dated 14/09/2015 of MoEF&CC.

The EC obtained vide letter No. J-11011/215/2013/IA-II(I) dated 14/09/2015 of MoEF&C have not been implemented so far. Project activity was reportedly commenced after obtaining CFE from State PCB. PA has obtained consolidated Consent and Authorization from the Telangana State Pollution Control Board vide Order No. TSPCB/RCP/HO/CFO&HWA/2016-995 dated 14/07/2016, which is valid till 30/6/2021. As per the available documents, a detail of consented products / quantity and actual production achieved is furnished under:

Year	Consented Quantity - Clinker Metric Tonnes (MT)	Actual Production (MT)	Consented Quantity – Cement (MT)	Actual Production (MT)
2015-2016	3043000	2450500	3300000	1476150.5
2016-2017	3043000	2184950	3300000	1580463.8
2017-2018	3043000	2768565	3300000	2207186.8
2018-2019	3043000	2254810	3300000	1951739.2

The status of compliance on the stipulated EC conditions contained in the EC letters is furnished under:



**View of the Cement plant of M/s My Home Industries Ltd.**

## PART-II & III

**Subject:** Expansion in Clinker production from 2.78 MTPA to 3.043 MTPA of M/s My Home Industries Ltd., at Village and Mandal Mellacheruveu, District Nalgonda (presently Suryapet District) in Telangana State.

&

Expansion of Cement Plant (Clinker 2.48 MTPA to 2.78 MTPA & Cement 3.30 MTPA to 3.90 MTPA) at Village & Mandal Mellacheruvu at Choutapalli, Mandal Matampalli, District Nalgonda, (presently Suryapet District), Andhra Pradesh (presently in the State of Telangana) by M/s My Home Industries Ltd.

- Ref:**(1). EC letter No. J-11011/172/2012-IA II (I) dated 15/12/2014 of MoEF&CC.  
(2). EC letter No. J-11011/1014/2007/IA-II(I) dated 11/06/2008 of MoEF&CC.  
(3). EC letter No. J-11011/76/2006/IA-II(I) dated 25/05/2006 of MoEF&CC.  
(4). EC letter No. J-11011/19/2001/IA-II(I) dated 13/09/2001 of MoEF&CC.  
(5). EC letter No. J-11012/5/96/IA-II(I) dated 07/10/1996 of MoEF&CC.

No.	Specific Conditions	Status of Compliance
10(i)	The expansion project shall comply with the new MoEF&CC standards vide GSR 612 (E) dated 25.08.2014 with respect to particulate matter, SO <sub>2</sub> , NO <sub>x</sub> for Cement sector.	<b>Being complied.</b> During the visit it has been observed that the unit is complying with new emission standards of PM, SO <sub>2</sub> & NO <sub>x</sub> . However, it is learnt that minor spikes of NO <sub>x</sub> emission in Kiln-2 was experienced during various operation loads. In this regard, PA has submitted action plan to CPCB for overall compliance by 31/03/2019.
(ii)	Continuous stack monitoring facilities to monitor gaseous emissions from the process stacks shall be provided. After expansion, limit of PM shall be controlled within 50mg/Nm <sup>3</sup> by installing adequate air pollution control system. Electrostatic precipitators to clinker cooler, bag house to raw mill/Kiln and bag filter to coal mill and cement mill. Low NO <sub>x</sub> burners shall be provided to control NO <sub>x</sub> emissions. Regular calibration of the instrument must be ensured.	<b>Being complied.</b> <ul style="list-style-type: none"><li>• PA has installed online Continuous Emission Monitoring System (CEMS) for 14 stacks viz., 3 Nos. Kiln stacks, 3 Nos. Clinker Cooler ESP stacks, 3 Nos. Coal mill baghouse stacks and 5 Nos. Cement Mill baghouses and are connected to the servers of SPCB &amp; CPCB. Adequate air pollution control systems are provided as detailed below to maintain PM well within the prescribed limits of 30 mg/Nm<sup>3</sup>.<ul style="list-style-type: none"><li>i. Raw mill &amp; Kilns: Reverse Air Bag House</li><li>ii. Clinker Coolers: Electro Static Precipitator</li><li>iii. Limestone crusher, Coal mill &amp; cement mills : Bag Houses</li></ul></li><li>• Reportedly periodical calibration of CEMS is being carried out.</li></ul>
(iii)	Possibilities shall be explored for the proper and full utilization of gases generated from the kiln in waste heat recovery boiler (WHRB) and a feasibility report shall be prepared and submitted to the Ministry and its Regional Office at Bangalore within 3 months from the date of issue of the letter.	<b>Complied.</b> Commissioned Waste Heat Recovery Boiler (WHRB) in December 2016 and recovering waste heat from kiln and cooler.

- (iv) The National Ambient Air Quality standards issued by the Ministry vide G.S.R. No. 826(E) dated 16<sup>th</sup> November, 2009 shall be followed. **Being complied.** Latest NAAQM standards are being followed. AAQ is being monitored by installing online continuous AAQ monitoring stations in three locations and are connected to the servers of the State PCB and CPCB. Further, AAQ is being monitored through MoEF&CC approved third party laboratory in 13 locations for the parameter of PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>x</sub>, NO<sub>x</sub> once in a month. Monitored data show that the values are within the limit.
- (v) All the pollution control devices/ equipments in raw mill/kiln, kiln feeding system, clinker cooler, coal mill, cement mill, and cement silo, shall be interlocked so as that in the event of the pollution control devices/systems not working, the respective unit(s) shut down automatically. **Being complied.** Interlocking facilities were provided for all major pollution control equipment such that in the event of the pollution control equipment not working, the respective unit(s) will shutdown automatically.
- (vi) Secondary Fugitive emissions shall be controlled and shall be within the prescribed limits and regularly monitored. Guidelines/Code of practice issued by the CPCB in this regard shall be followed. **Partly complied.** All transfer points and storage silos are provided with dust collection and extraction systems for effective control of fugitive emissions. Fugitive emissions are being monitored once in a month through MoEF&CC approved third party laboratory.
- Clinker is being stored in clinker storage tanks, Gypsum and additives are being stored in covered storage sheds, Fly ash & cement is being stored in silos and raw material transfer conveyors are covered with GI sheets to avoid any secondary fugitive emissions.
  - All roads and open areas in the plant area are concreted and vehicle movement is allowed only through specific routes for control of secondary fugitive dust emissions.
  - Truck mounted vacuum cleaner, road sweepers and hand operated flipper machines were deployed.
  - PA shall explore the possibility of providing dedicated covered coal storage yard to prevent Secondary Fugitive emissions from the Coal storage area.
- (vii) Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agriculture land. All the raw materials including fly ash shall be transported in the closed containers only and shall not be overloaded. The company shall have separate trucks parking area. Vehicular emissions shall be regularly monitored. **Being complied.**
- To ensure and reduce impact of transport on the surrounding environment; raw materials, clinker and cement is transported mostly by rail and in trucks covered with tarpaulin.
  - Fly ash is transported in bulk tankers and handled through pneumatic way.
  - Separate truck parking area is provided with CC platform.
  - Transport vehicles are periodically checking for Pollution under Control certificate from

approved RTA agencies.

- Separate railway siding was commissioned from Mellacheruvu RS to factory site to transport raw materials and cement. Over 99% of clinker is transported through rail; Most of cement dispatches and coal receipts are carried out by rail thereby reducing the impact on the surrounding environment caused by transportation activity.

(viii) Total fresh water requirement after the proposed expansion of the cement and captive power plant shall not be exceed 1,260m<sup>3</sup>/day which will be sourced from the bore wells. A five year water management plan shall be made so as to achieve reduction in ground water withdrawal.

**Being complied.**

Total fresh water requirement after the expansion of the cement and captive power plant reportedly not exceeded 1260 m<sup>3</sup>/day. Water requirement of the project is being met from the rain water collected in mine pit. Fresh water required for domestic purpose is being sourced from 6 bore wells. In this regard for the drawal of ground water requisite permission has been obtained from the Central Ground Water Authority vide letter No.1465/Hg/S.T/96 dated 03/12/1998.

(ix) Efforts shall be made to further reduce water consumption by using air cooled condensers. All the treated wastewater shall be recycled and reused in the process and /or for dust suppression and greenbelt development and other plant related activities etc. No process wastewater shall be discharged outside the factory premises and “Zero” discharge shall be adopted.

Dry process is being practiced for manufacturing cement and thus no generation of process waste water. Return water from cooling system is routed back to collection tank and recycled into system. No waste water is discharged outside and achieved Zero discharge.

(x) Efforts shall be made to make use of rainwater stored in rainwater harvesting structures. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.

**Being complied.**

PA has constructed water harvesting pond at the NE corner of the plant with the capacity of about 65000 m<sup>3</sup>. Roof top rain water harvesting structures have been constructed in the residential colony. Recharge pits have been constructed in the plant premises & colony. As informed balance water requirement only met from ground water.

(xi) Regular monitoring of influent and effluent surface, sub-surface and ground water shall be ensured and treated waste water shall be meet the norms prescribed by the State Pollution Control Board or described under the Environment (Protection) Act, 1986 whichever are more stringent. Leachate study for the effluent generated and analysis shall also be regularly carried out and report submitted to the Ministry’s Regional Office, SPCB and CPCB.

No process waste water is being generated, since dry process is adopted for manufacturing of cement. Return water from cooling system is routed back to collection tank and recycled into system. Regular monitoring of Ground water is being carried out on quarterly basis through third party laboratory.

(xii) All the bags filter dust, raw mill, Coal dust , clinker dust and cement dust from pollution control devices shall be recycled and reused in the process and used for cement manufacturing. Spent oil and batteries shall be

**Being complied.**

Dust collected from pollution control equipments is being recycled and reused in the process for cement manufacturing. Spent oil sold to authorised recyclers and partially being

- sold to authorized recyclers/ reprocessors only.
- reused for cement plant equipment as lubricant. Batteries are being sold to authorised recyclers/re-processors on buy back method.
- (xiii) The proponent shall examine and prepare a plan for utilization of high calorific wastes such as chemicals wastes, distillation residues, refuse derived fuels, etc. as alternate fuels based on availability and composition. For this, the proponent shall identify suitable industries with such wastes and enter into an MOU for long- term utilization of such waste as per the E (P) A Rules, 1986 and with necessary approvals.
- Being complied.**  
PA has installed and commissioned system for co-processing of liquid hazardous waste in cement kiln main burner with the expenditure of around 10 Crs. Liquid hazardous waste (spent solvents) from pharmaceutical industries is being utilized as secondary fuel along with coal in the Cement Kilns of Unit-I, II & III.
- (xiv) Greenbelt over 33% of the total project area shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.
- Being complied.**  
Greenbelt has been developed in an area of 80.4 ha interalia including the periphery of the cement plant and open areas with native species with an expenditure of around 56 lakhs per annum.
- (xv) All the commitments made to the public during then public Hearing/ Public consultation meeting held on 30.04.2013 shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Bangalore.
- Being complied.**  
Commitments made in the public hearing is being implemented as under:  
Provided employment opportunities to local people. Basic amenities and drinking water supply in the Mellacheruvu village have been provided. Medical facilities in the surrounding villages have been provided. various health camps & veterinary health camps are being organized.
- (xvi) 'At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs and action plan with financial and physical breakup/details shall be prepared and submitted to the Ministry's Regional Office. Implementation of such program shall be ensured accordingly in a time bound manner.
- Partly complied.**  
As informed the unit is earmarked 2.5 crores towards the Enterprise Social Commitment over a period of ten years. Welfare and community development activities are being reportedly carried out in co-ordination with local communities and panchayats in the nearby villages of industry under CSR Programme.  
  
Details are not made available regarding action plan with financial and physical breakup prepared and submitted to the Regional Office of MoEF&CC.
- (xvii) Risk and Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office, SPCB and CPCB within 3 months of issue of environment clearance letter.
- Complied with.**  
Risk and Disaster Management Plan along with the mitigation measures have been submitted to Regional Office of MoEF&CC vide Letter No. MIL/ENV/MoEF&CC/2015-16/02 dated 03/04/2015.
- xviii Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking
- Reportedly complied.**  
PA informed that the condition was complied with during construction stage by providing temporary housing with facilities of toilets,

water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project.

drinking water & medical treatment for all construction labour within the site.

**(B). General conditions**

**Status of compliance**

- i. The project authorities must strictly adhere to the stipulations made by Telangana Pollution Control Board and State Government.
- ii. No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
- iii. At least four ambient air quality monitoring stations shall be established in the downwind direction as well as where maximum ground levels concentration of PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub> and NO<sub>x</sub> are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bangalore and the SPCB/CPCB once in six months.
- iv. Industrial waste water shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19<sup>th</sup> May, 1993 and 31<sup>st</sup> December, 1993 or as amended form time to time. The treated waste water shall be utilized for plantation purpose.
- v. The overall noise levels in and around the plant area shall be kept well within the standards (85 dB(A)) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environmental (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- vi. Occupational health surveillance of the workers shall be done regular basis and records maintained as per Factories Act.

**Being complied.**

PA has obtained consolidated Consent and Authorization from the Telangana State Pollution Control Board vide Order No. TSPCB/RCP/HO/CFO&HWA/2016-995 dated 14/07/2016, which is valid till 30/6/2021. Standards stipulated by Telangana State Pollution Control Board (TSPCB) are being followed.

**Agreed upon.**

PA submitted that the condition is "Noted" and assured to abide by the condition.

**Being complied.**

AAQ is being monitored by installing online continuous AAQ monitoring stations in three locations and are connected to the servers of the State PCB and CPCB. Further, AAQ is being monitored through MoEF&CC approved third party laboratory in 13 locations including of downwind direction for the parameter of PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>x</sub>, NO<sub>x</sub> once in a month. Monitored data show that the values are within the limit. Monitored data being submitted to the Regional Office of MoEF&CC along with six monthly compliance report.

No process waste water is being generated, since dry process is adopted for manufacturing of cement. Return water from cooling system is routed back to collection tank and recycled into system. Regular monitoring of Ground water is being carried out on quarterly basis through third party laboratory.

**Being complied.**

The noise levels are being monitored about 20 locations once in a month both day and night through third party laboratory and the monitored data show that the values are within the limit. Further, silencers are provided to all the Clinker Cooler fans, acoustic enclosures are provided to coal mills to reduce noise levels.

**Being complied.**

Occupational health surveillance of the workers are being carried out once in a two years. Occupational health check-up was conducted on 11.12.2017 for 397 nos of employees by

third party M/s SRL Diagnostics and records are being maintained.

vii. The company shall develop harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.

**Being complied.**

PA has constructed water harvesting pond at the NE corner of the plant with the capacity of about 65000 m<sup>3</sup>. Roof top rain water harvesting structures have been constructed in the residential colony. Recharge pits have been constructed in the plant premises & colony. As informed balance water requirement only met from ground water.

viii. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA-EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.

**Being complied.**

Environmental protection measures and safeguards recommended in the EIA-EMP report are being implemented. Socio-economic /community development activities in the nearby villages under CSR programme in co-ordination with local communities and panchayats are being carried out.

As per project authority year wise expenditure under CSR activities at nearby villages for Eco development is as follows:

Year	Spent for Eco-development Activities (Lakh Rs.)	Total amount spent under CSR (Lakh Rs.)
2013-14	33.78	33.78
2014-15	36.33	80.29
2015-16	30.42	87.17
2016-17	29.83	40.04
2017-18	11.62	15.43
2018-19 (Upto Sep'18)	3.46	15.39

ix. Requisite funds shall be earmarked towards capital cost and recurring cost/annuam for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forest and climate change (MoEF&CC) as well as state government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bangalore. The funds so provided shall not be diverted for any other purpose.

**Reportedly complied.**

As informed Capital cost 5.8 crores per annum and Recurring cost of Rs. 480 lakhs per annum is earmarked towards the environmental pollution control measures. Expenditure incurred towards Environmental protection measures is furnished under:

Financial year	Recurring Expenditure (in Lakhs)
2013-14	480.00
2014-15	975.00
2015-16	864.37
2016-17	1244.60
2017-18	851.40
2018-19 (Up to Sep'18)	576.61

x. A copy of clearance letter shall be sent by the proponent to concerned panchayat, Zilla parishad / Municipal Corporation, Local Body and the local NGO, If any, from whom suggestions/ representations, if any, were

**Complied with.**

PA vide Letter No. MHIL/ENV/GP/2014-15/86 dated 08/01/2015 submitted the environmental clearance letter to concerned Gram Panchayat office.

received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.

- xi. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF&CC at Bhubaneswar. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- Complied with.**  
Six monthly compliance report with monitored data is being regularly submitted to the Regional Office of MoEF&CC. Further, the same has been uploaded in the website of the company <http://myhomeindustries.com/sustainability/environment/>  
Necessary provision has been made to display the environmental parameters monitored to the public by installing display board at main gate.
- xii. The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF&CC, the respective Zonal office of CPCB and the SPCB. The Regional Office of this Ministry at Bangalore/CPCB/SPCB shall monitor the stipulated conditions.
- Complied with.**  
Six monthly compliance report with monitored data is being regularly submitted to the Regional Office of MoEF&CC. Further, the same has been uploaded in the website of the company <http://myhomeindustries.com/sustainability/environment/>
- xiii. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF&CC at Bangalore by e-mail.
- Being complied.**  
Environmental statement (Form-V) for the year 2017-2018 was submitted. PA vide letter No. MHIPL/MCW/ENV/2018-19/77 dated 17/09/2018 submitted environmental statement (Form-V) for the year 2017-18 to the State PCB and the same is displayed on the website of the company (<http://myhomeindustries.com/sustainability/environment/>)
- xiv. The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forests and Climate Change (MOEF&CC) at <http://envfor.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional Office at Bangalore.
- Complied with.**  
Paper advertisement was made in the daily "The Hindu" dated 8<sup>th</sup> January, 2015 & "Namaste Telangana" dated 8<sup>th</sup> January, 2015. Copy of the environmental clearance is also uploaded on the company's website.

- |     |   |  |
|-----|---|--|
| xv. | Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.  | PA informed that the condition was complied with. However, supporting documents are not made available.  |
| 11. | The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.   | <b>Agreed to comply.</b><br>PA submitted that the condition is "Noted" and assured to abide by the condition.  |
| 12. | The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.   | <b>Agreed upon.</b>  |
| 13. | The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management and Handling) Rules, 2003 and Public Liability Insurance Act, 1991 along with their amendments and rules. | <b>Complied with.</b><br>The unit has obtained consolidated Consent and Authorization from the Telangana State Pollution Control Board vide Order No. TSPCB/RCP/HO/CFO&HWA/2016-995 dated 14/07/2016, which is valid till 30/6/2021. Public liability insurance has been obtained vide policy no.61190036183300000004 for the period 25/4/2018 to 24/4/2019. |

**Observed non-compliances & recommendation for immediate corrective action:**

1. PA shall comply with the action plan submitted to CPCB in connection with the minor spikes of NO<sub>x</sub> emission observed in Kiln-2.
2. PA shall explore the possibility of providing dedicated covered coal storage yard to prevent secondary fugitive emissions from the Coal storage area.
3. Though the enterprise Social Commitment (ESC) was reportedly implemented, details are not made available regarding action plan with financial and physical breakup prepared and submitted to the Regional Office of MoEF&CC.

This issues with the approval of Competent Authority vide diary No.172 dated 11/02/2019.



**(Dr. M.T. Karuppiah)  
Scientist - D**

MHIPL/MCW/ENV/2022-23/47

27.05.2022

To,

The Deputy Director General of Forest (C), Min of Env. Forests & CC,  
Integrated Regional Office, 3<sup>rd</sup> Floor,  
Room No. 309, Aranya Bhawan,  
Opp. RBI, Saifabad,  
HYDERABD- 500004

Dear Sir,

Sub: Submission of Six Monthly Environmental Clearance Compliance Report of our Cement Plant (Clinker: 3.043 MTPA to 3.500 MTPA and Cement 3.30 MTPA to 3.90 MTPA) – Reg.

Ref: 1. Environmental Clearance F. No. J-11011/215/2013- IA II (I) Dated 21.01.2020  
2. Environmental Clearance F. No. J-11011/172/2012-IA II (I) Dated 15.12.2014  
3. Environmental Clearance F. No. J-11011/1014/2007/IA-II (I) Dated 11.06.2008  
4. Environmental Clearance F. No. J-11011/76/2006/IA-II (I) Dated 25.05.2006  
5. Environmental Clearance F. No. J-11011/19/2001/IA-II (I) Dated 13.09.2001  
6. Environmental Clearance F. No. J-11012/5/96/IA-II (I) Dated 07.10.1996

With reference to the above subject, please find herewith enclosed Six Monthly Environmental Clearance Compliance status report for the period **OCTOBER'2021 to MARCH'2022** for our Cement Plant I, II & III located at Mellacheruvu (V&M), Suryapet Dist., Telangana state.

Thanking you,

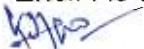
Yours faithfully,  
for My Home Industries Private Limited



N. Srinivas Rao

Joint President (Works) - Unit Head

Encl: As above





## ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

**HALF YEARLY ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT (OCT'21 - MAR'22)**

**(Enhancement of Clinker Production from 3.043 MTPA to 3.5 MTPA)**

F. No. J-11011/215/2013-IA.II (I)

Dated 21.01.2020

F. No. J-11011/215/2013-IA.II (I)

Dated 23.10.2020 (Corrigendum)

	Condition	Compliance Status
<b>A. SPECIFIC CONDITIONS</b>		
i.	Stack emissions shall be maintained below 30 mg/Nm <sup>3</sup> .	PM emissions from stacks are being maintained below 30 mg/Nm <sup>3</sup> . Installed online Continuous Emission Monitoring System (CEMS). Data being submitted to the MoEF&CC-RO, Chennai along with six monthly reports & TSPCB on monthly basis. Stack emission monitoring data from Oct'21 - Mar'22 is enclosed as <b>Annexure-2</b> .
ii.	The unit shall comply with all the revised norms of stack emissions prescribed in Environment (Protection) Rules, 1986 G.S.R. No. 612 (E) dated 25/08/2014 (Cement) and subsequent amendment dated 09/05/2016 (Cement) and 10/05/2016 (Co-processing Cement).	Particulate matter and emissions are being complied as per revised norms prescribed in Environment (Protection) Rules, 1986 and subsequent amendments of Co-processing in Cement plant standards.
iii.	Rain water harvesting and recharge shall be more than the water consumption.	1. Fresh water consumption for cement plant operation is 2,24,400 m <sup>3</sup> per annum. 2. Rain water harvested is 4,00,400 m <sup>3</sup> per year which is more than water consumption. 3. Rainwater harvesting & recharge pits are constructed in the plant premises & colony Photo presented in <b>Annexure-7</b> .



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Mellacheruvu (V & M) -508246, Suryapet Dist., Telangana State

<b>B. GENERAL CONDITIONS</b>		
<b>I. STATUTORY COMPLIANCE:</b>		
i.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and under the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board / Committee.	Consents are obtained from the SPCB a) CFE Order No. 01/TSPCB/CFE/SPT/RO - NLG/HO/2020-216 Dated 19.05.2020. b) CFO Order: No. 210822979374 Dt. 30.07.2021 valid upto 30.06.2026
ii.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from competent authority concerned in case of drawl of surface water required for the project.	NOC obtained from Mellacheruvu Village Panchayat under T.S Walta Act, 2002 dt. 20.05.2017 for water drawl of 1500 m <sup>3</sup> /day of ground water.
iii.	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from to time.	Hazardous waste authorization obtained vide Consent Order: No. 210822979374 Dt. 30.07.2021.
<b>II. AIR QUALITY MONITORING AND PRESERVATION</b>		
i.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed Environment (Protection) Rules, 1986 G.S.R. No.612 (E) dated 25/08/2014 (Cement) and subsequent amendment dated 09/05/2016 (Cement) and 10/05/2016 (Co-processing Cement); S.O. 3305 (E) dated 07/12/2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Continuous Emission Monitoring System (CEMS) for 14 stacks installed and connected to online servers of TSPCB and CPCB. Kiln stack – 3 nos. ESP-Cooler stack – 3 nos. Coal mill stack - 3 nos. Cement Mill stack - 5 nos.  Manual monitoring of Stack emission is also being carried out monthly by MoEF&CC accredited laboratory and reports are being submitted to CPCB & TSPCB regularly.
ii.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Fugitive emissions are being monitored quarterly through MoEF&CC & NABL accredited laboratory. Fugitive emission data is enclosed as <b>Annexure-2</b> .
iii.	The project proponent shall install system carryout to Continuous Ambient Air Quality monitor for common / criterion parameters relevant to the main pollutants released (e.g. PM <sub>10</sub> and PM <sub>2.5</sub> in reference to PM emission, and SO <sub>2</sub> & NO <sub>x</sub> in reference to SO <sub>2</sub> and NO <sub>x</sub> ) within and outside the plant area at least four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions.	We have installed 3 Nos. Continuous Ambient Air Quality monitoring Stations at upwind, downwind & crosswind to monitor PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> & NO <sub>x</sub> . The data is continuously transmitted to CPCB & TSPCB portals. Updating of CAAQMS data in respective portals is presented in <b>Annexure-1</b> .



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iv.	<p>The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality / fugitive emissions to Regional Office of MoEF&amp;CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.</p>	<p>We have connected 14 stacks to online Continuous Emission Monitoring System (CEMS) of SPCB &amp; CPCB servers.</p> <ol style="list-style-type: none"> <li>1. Kiln stack - 3 Nos.,</li> <li>2. ESP-Cooler - 3 Nos.</li> <li>3. Coal mill stack - 3 Nos.</li> <li>4. Cement Mill stack - 5 Nos.</li> </ol> <p>Manual monitoring of Stack emission is also being carried out monthly by MoEF&amp;CC accredited laboratory and reports being submitted to CPCB &amp; TSPCB regularly.</p> <p>4 nos. of ambient air quality monitoring stations (manual) are established at the periphery of the plant and monitoring is carried out on regular basis. Data of AAQ is submitted monthly to TSPCB and Six monthly report to Regional Office, MoEF&amp;CC,. Month wise summary report of continuous stack emission &amp; air quality monitoring and results of manual monitoring data for the period Oct'21 - Mar'22 is enclosed as <b>Annexure – 2.</b></p>
v.	<p>Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.</p>	<p>Air Pollution Control (APC) systems are installed. Dust collectors and extraction systems at various sections for controlling fugitive dust emissions are as follows:</p> <ol style="list-style-type: none"> <li>i. Raw mill &amp; Kiln - RABH</li> <li>ii. Cooler - ESP</li> <li>iii. Limestone crusher, Coal Mill &amp; Cement Mill - Bag House</li> <li>iv. All transfer points - Jet Pulse Filters</li> <li>v. Limestone dump hopper - Water spray system</li> <li>vi. Limestone stackers - Water spray system</li> </ol> <p>All transfer points and storage silos are provided with dust collection and extraction systems for effective control of fugitive emissions. All the installed pollution control equipments are designed for &lt;math&gt;&lt;30 \text{ mg/Nm}^3&lt;/math&gt;.</p> <p>The dust collected from the pollution control equipment is 100% recycled back into the process.</p>
vi.	<p>The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.</p>	<p>Mechanized bag cleaning facility is in place for all bag houses and bag filters that are auto-operated by solenoid valve system.</p>
vii.	<p>Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.</p>	<p>Recommendations made in the CREP for cement plants are being followed. Compliance report is enclosed as <b>Annexure-3.</b></p>
viii.	<p>Sufficient number of mobile or stationary vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.</p>	<p>Truck mounted vacuum cleaner &amp; road sweepers are being utilised and good housekeeping maintained. Enclosed photographs as <b>Annexure-4.</b></p>
ix.	<p>Recycle and reuse lime fines, coal fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after agglomeration.</p>	<p>Dust collected from pollution control equipments is 100% recycled in cement manufacturing.</p>
x.	<p>Ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation; use closed bulkers for carrying fly ash.</p>	<p>Most of the Raw material and cement is transported by rail and trucks covered with tarpaulin to prevent spillage and dust generation. Fly ash is conveyed pneumatically in bulk tankers.</p>



# My Home Industries Private Limited

Mellacheruvu (V & M) -508246, Suryapet Dist., Telangana State

xi.	Provide wind shelter fence and chemical spraying on raw material stock piles; and provide low NO <sub>x</sub> burners as primary measures and SCR/NSCR technologies as secondary measure to control NO <sub>x</sub> emissions. Have separate truck parking area and monitor vehicular emissions at regular interval.	Raw materials are being stored in covered sheds. Also, provided wind shelter fencing with water sprinkling system for coal storage yard to control fugitive emissions. We have provided low NO <sub>x</sub> burners for all kilns to control NO <sub>x</sub> emissions. Separate Cement Concreted truck parking area is available. Transport vehicles are periodically checked for valid Pollution under Control (PUC) certificate issued by RTA approved testing agency/centre.
xii.	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts / railways as a mode of transport.	To ensure and reduce impact of transport on the surrounding environment; raw materials, clinker and cement is transported mostly by rail and trucks covered with tarpaulin. Separate railway siding was commissioned in March 2012 from Mellacheruvu RS to our factory site to transport raw materials and cement. Nearly 99% of clinker is transported through rail; most of the cement dispatches and coal receipts are through railway only, thereby reducing the impact on the surrounding environment caused by transportation activity.
xiii.	Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants.	Cement bagging plant is open and adequate ventilation is present. Manual air monitoring is carried out monthly by recognized laboratory to check for presence of particulate matter in the area. All the working staff in bagging section area mandatorily made to wear nose mask and other appropriate protective PPE.

### III. WATER QUALITY MONITORING AND PRESERVATION

i.	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules, 1986 vide G.S.R. No. 612 (E) dated 25/08/2014 (Cement) and subsequent amendment dated 09/05/2016 (Cement) and 10/05/2016 (Co-processing Cement); S.O. 3305 (E) dated 07/12/2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Manufacturing of cement is a dry process; hence there is no generation of process waste water.  The condition is not applicable.
ii.	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post Monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.	We have provided Piezometer to a bore well within the plant for continuous monitoring of ground water level and also get ground water quality tested from MoEF&CC recognized laboratory. Photograph of Piezometer well location is depicted as <b>Annexure-5</b> .



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iii.	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Manufacturing of cement is in dry process; hence there is no generation of process waste water.
iv.	Adhere to “Zero Liquid Discharge”.	Cement manufacturing is a dry process. Hence, there is no generation of process waste water.
v.	Sewage Treatment Plant shall be provided for treatment of domestic waste water to meet the prescribed standards.	Domestic sewage is being treated in STP and treated water is used for greenbelt. Treated water is monthly analysed by MoEF&CC recognized laboratory. The values are within the notified standards. Data of Oct’21 - Mar’22 is presented in <b>Annexure-6</b> .
vi.	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	Garland drains are provided to arrest the run-off in the event of heavy rain and surface run-off.
vii.	The project proponent shall practice rainwater harvesting to maximum possible extent.	<ol style="list-style-type: none"> <li>1. Fresh water consumption for cement plant operation is 2,24,400 m<sup>3</sup> per annum.</li> <li>2. Rain water harvested is 4,00,400 m<sup>3</sup> per year which is more than water consumption.</li> <li>3. Rainwater harvesting &amp; recharge pits are constructed in the plant premises &amp; colony Photo presented in <b>Annexure-7</b>.</li> </ol>
viii.	Water meters shall be provided at the inlet to all unit processes in the cement plant.	Category wise flow meters are installed to quantify the water consumed for unit wise in cement plant.
ix.	The project proponent shall make efforts to minimize water consumption in the steel complex by segregation of used water, practicing cascade use and by recycling treated water.	Ours is a cement manufacturing company. Return water from cooling system of various sections of Kiln, Roller Mills, Coal & cement mills is routed back to collection tank and recycled into system.
<b>IV. NOISE MONITORING AND PREVENTION</b>		
i.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to the Regional Officer of the Ministry as a part of six-monthly compliance report.	The noise levels at work zone area and surrounding villages are being monitored every quarter by MoEF&CC recognized laboratory and report being submitted in six-monthly compliance report to the Regional Officer of the Ministry.
ii.	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz., 75 dB(A) during day time and 70 dB(A) during night time.	<p>The ambient noise levels (10 surrounding areas including 5 villages) are monitored and efforts are being made to maintain the noise levels within the prescribed limits.</p> <p>Silencers are provided to all the Clinker Cooler fans, acoustic enclosures provided to coal mills to reduce noise levels.</p> <p>Source noise and Ambient level monitoring data for the period Oct’21-Mar’22 is presented in <b>Annexure-8</b>.</p>



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V. ENERGY CONSERVATION MEASURES		
i.	Waste heat recovery system shall be provided for kiln and cooler.	We have a 14-MW Waste Heat Recovery Boiler Power Plant (WHRB) Commissioned in December, 2016 for recovering waste heat from kilns and coolers.
ii.	The project proponent make efforts to achieve power consumption less than 65 units/tonne for Portland Pozzolona Cement (PPC) and 85 units/tonne for Ordinary Portland Cement (OPC) production and thermal energy consumption of 670 Kcal/Kg of clinker.	We are achieving power consumption <65 units / ton for PPC (PPC), <85 units / ton for OPC production. As the plant is old, we can best achieve thermal energy consumption of 710 Kcal/Kg of clinker.
iii.	Provide solar power generation on roof tops of buildings for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.	We have a solar power generation system of 12.7 KW on the terrace of one of our captive mines office viz., Yepalamadhavaram Limestone Mine and power generated is consumed for mines office.
iv.	Provide the project proponent for LED lights in their offices and residential areas.	All the lights in cement plant including offices & colony street lights been replaced with LED lights.
v.	Maximize utilization of flyash, slag and sweetner in cement blend as per BIS standards.	Fly ash from our captive power plants is 100% utilized in manufacture of PPC as per BIS standards.
vi.	Maximize utilization of alternate fuels and co-processing to achieve best practice norms.	We have commissioned system for co-processing of liquid organic waste in cement kilns in March 2012. Organic Liquid Waste (Spent Solvents) from pharma industries are being utilized as alternate fuel (AF) along with coal in our Cement Kilns. The Organic Liquid waste co-processed during Oct'21 - Mar'22 is <b>14,432.470 MT</b> . Alternate Fuel Handling system is presented in <b>Annexure-9</b> .
VI. WASTE MANAGEMENT		
i.	Used refractories shall be recycled as far as possible.	Used refractories are sold back to the refractory vendor and leftover is reused in-house for civil works.
ii.	The waste oil, grease and other hazardous waste shall be disposed off as per the Hazardous & Other waste (Management & Transboundry Movement) Rules, 2016.	Spent oil is disposed to authorised recyclers and partly reused in house as lubricant in mechanical equipment's.
iii.	Kitchen waste shall be composted or converted to biogas for further use.	Bio composter is installed to compost kitchen waste generated and output is utilized as manure in greenbelt.
VII. GREEN BELT		
i.	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	Greenbelt along periphery of the cement plant and at open areas is being strengthened. For the period of Apr'21- Mar'22 We are developed 1000 Nos. of native saplings in an area of 0.95 Ha. In cement plant premises. Green belt status is presented in <b>Annexure-10</b> .
ii.	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.	We have carried out carbon sequestration study due to greenbelt by external agency M/s. Siri Exergy & Carbon Advisory Services (P) Ltd., Hyderabad in the month of February 2021 and report is submitted vide letter No. MHIPL/ENV/2021-22/17 dated 12.05.2021.



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<b>VIII. PUBLIC HEARING AND HUMAN HEALTH ISSUES</b>		
i.	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Emergency preparedness plan and Disaster Management Plan are implemented at our site.
ii.	The Project Proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Workmen working near high temperature zones are provided with heat retardant suits that are mandatory PPE's as per company policy.
iii.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. the housing may be in the form of temporary structures to be removed after the completion of the project.	Not Applicable. No construction activity is there.
iv.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Annual medical check-up conducted for 384 employees by external agency M/s. SRL Diagnostics, Hyderabad on 28 <sup>th</sup> & 30 <sup>th</sup> March, 2022 as required under Factories Act. The records of the same are being maintained.
<b>IX. CORPORATE ENVIRONMENT RESPONSIBILITY</b>		
i.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F. No. 22-65/2017-IA.III dated 1 <sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility.	We are complying with the provisions of Corporate Environment Responsibility.
ii.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements / deviations / violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviations / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	Quality, Health, Environment & Safety Policy (QHES Policy) framed. We obtained ISO 14001:2015 for Environmental Management System from BSI. Certificate enclosed as <b>Annexure-11</b> .
iii.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be setup under the control of Senior Executive, who will directly to the head of the organization.	Separate Environment cell exists at the site and corporate office with qualified personnel which are under control of Senior Executive, heading the Organisation. The structure is enclosed as <b>Annexure -12</b> .



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iv.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year-wise progress of implementation of action plan shall be reported to the Ministry / Regional Office along with Six monthly Compliance Report.	Action plan for EMP and environmental conditions had been prepared and duly approved by competent authority. Separate Funds was earmarked towards recurring cost/annum for environmental equipment and pollution control measures. During the period Oct'21-Mar'22, MHIPL has spent ₹ 562.23 lakhs towards recurring expenditure for pollution control & Environmental protection measures.
v.	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Self-environmental audit was conducted and audit checklist is enclosed as <b>Annexure-13</b> . Third party of environmental audit will be carried out accordingly.
vi.	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the cement plants shall be implemented.	Efforts are being made to follow the CREP guidelines pertaining to cement plants.
<b>X. MISCELLANEOUS</b>		
i.	The project proponent shall make public the Environmental Clearance granted for their project along with the environmental conditions and safe guards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Grant of Environmental Clearance published in Local Newspaper (Telugu) "NAMASTE TELANGANA" & "INDIAN EXPRESS" dated 06 <sup>th</sup> February, 2020.
ii.	The copies of the environmental clearances shall be submitted by the project proponents to the heads of local bodies, panchayats and Municipal Bodies in addition to the relevant office of the Government who in turn has to display the same for 30 days from the date of receipt.	The Environmental Clearance letter are submitted to concerned Gram Panchayat office with a vide Letter No. MHIL/ENV/2019-20 Dated: 05.02.2020.
iii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including result of monitored data on their website and update the same on half-yearly basis.	Six monthly EC Compliance reports with status of compliance and monitoring results are updated in our company website <b><a href="http://www.mahacement.com/environment/">www.mahacement.com/environment/</a></b>
iv.	The project proponent shall monitor the criteria pollutants level namely; PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> (ambient level as well as stack emission) or critical sectoral parameters, indicated for the project and display the same at a convenient location for disclosure to the public and put on the website of the company.	Display board installed at main gate to display the environmental parameter results to public domain; the figure is depicted in <b>Annexure-14</b> .
v.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the MoEF&CC at environment clearance portal.	Status of Six-monthly Compliance reports is being submitted to MoEF&CC, Regional Office, Chennai as soft copy. The same will be uploaded every six monthly.



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vi.	The project proponent shall submit the Environmental Statement for each financial year in Form-V to the concerned SPCB as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Environmental Statement in Form-V for FY 2020-21 been submitted to TSPCB, RO Nalgonda vide Lr No. MHIPL/MCW/ENV/2021-22/106 dt. 24.08.2021 and uploaded in our company website <a href="http://www.mhacement.com/environment/">www.mhacement.com/environment/</a>
vii.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Clinker production is enhanced through optimization of process operation parameters without additional infrastructure.
viii.	The project authorities must strictly adhere to the stipulations made by the SPCB and State Government.	Stipulations made by the SPCB and State Government will be adhered accordingly.
ix.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	--
x.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Prior approval will be obtained from the Ministry in case expansion or necessary modifications are required.
xi.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed
xii.	The Ministry may revoke or suspend the clearance, if implementation of any of the conditions is not satisfactory.	Agreed
xiii.	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Will be implemented accordingly.
xiv.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of Regional Office by furnishing the requisite data / information / monitoring reports.	Full cooperation will be extended to the officer(s) to furnish data is being maintained in our site and will be made available during Inspection.
xv.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movements) Rules, 2016 and the Public Liability Insurance Act,1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	-----



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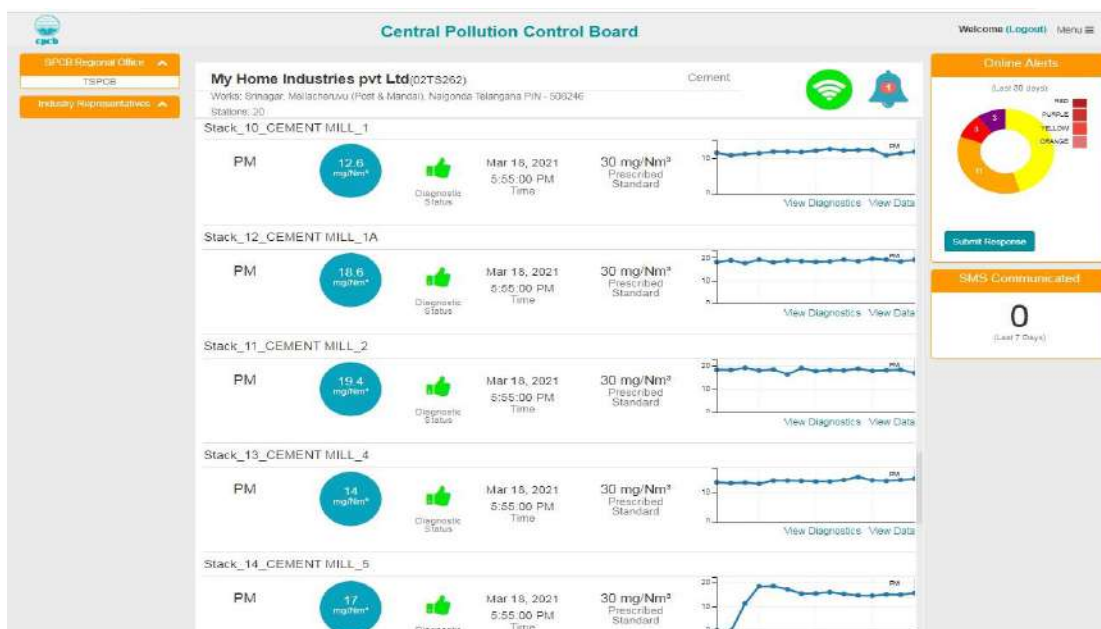
xvi.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	-----
14.	All other terms and conditions mentioned in the earlier Environmental Clearances accorded vide letter dated 07.10.1996, 13.09.2001, 25.05.2006, 11.06.2008, 15.12.2014 and 14.09.2015 shall remain unchanged.	Agreed
15.	The PP shall obtain fresh environmental clearance in case of change in scope of the project if any.	Agreed

**ANNEXURE-1**

**CONTINUOUS EMISSION MONITORING SYSTEM**



**Online CEMS Data updating in CPCB portal**

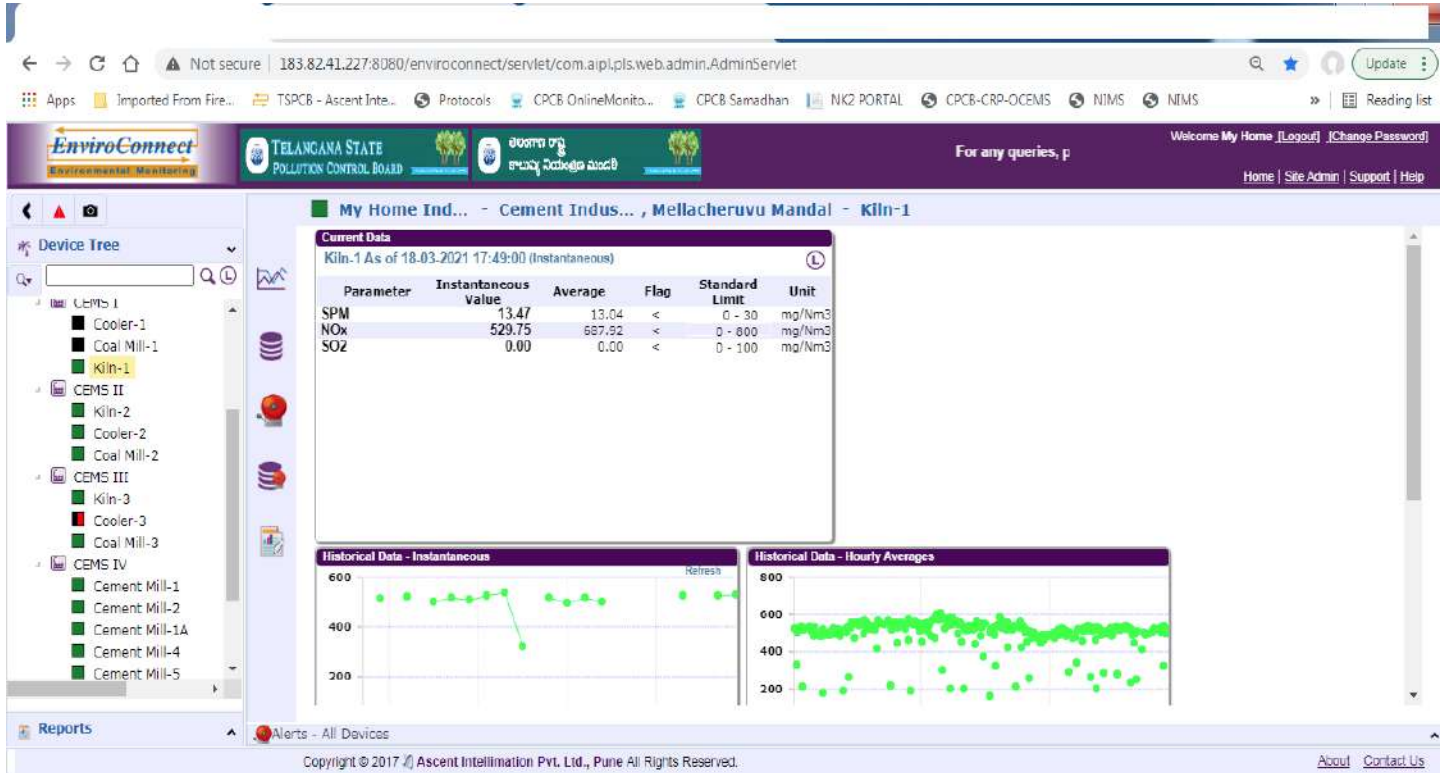




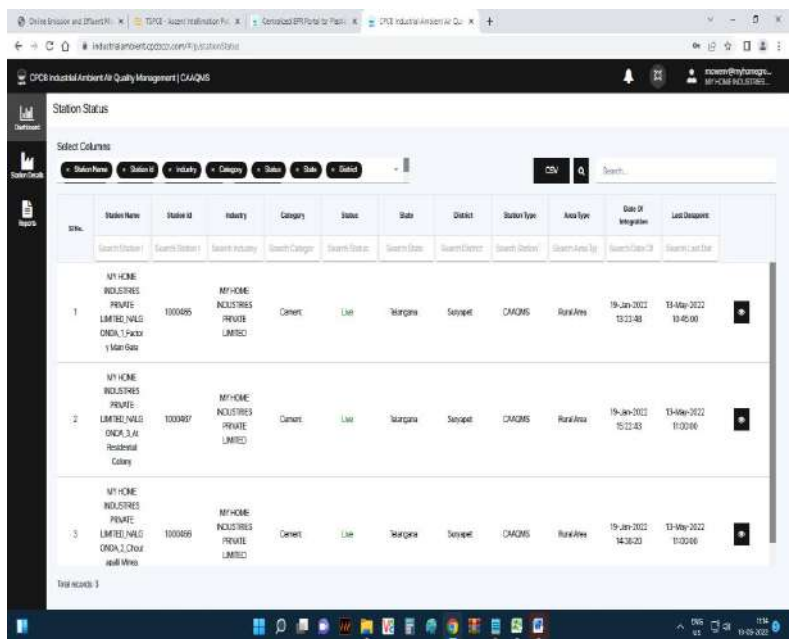
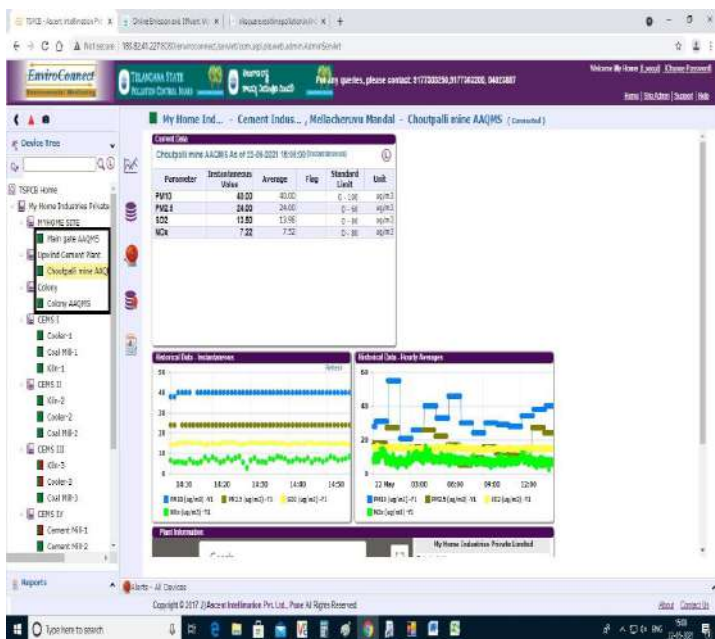
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## Online CEMS updating in TSPCB portal "ENVIROCARE CENTER"



## ONLINE CAAQMS UPDATING IN TSPCB & CPCB PORTAL



TSPCB portal

CPCB Portal

**ANNEXURE-2**

**Stack Emission Monitoring data of Cement plant**

**Particulate Matter**

	LOCATION	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22
1.	KILN-I	13.71	14.95	12.98	13.49	14.25	15.9
2.	COAL MILL-I	14.24	19.58	14.21	20.97	21.81	22.4
3.	COOLER-I	14.88	16.91	11.98	12.69	14.02	12.6
4.	CEMENT MILL-I	12.63	---	9.62	---	---	11.69
5.	CEMENT MILL-II	13.28	14.96	13.45	14.25	12.65	13.25
6.	KILN-II	14.25	17.92	---	14.69	15.5	13.57
7.	COAL MILL-II	13.55	15.78	---	13.38	15.05	12.4
8.	COOLER-II	15.67	10.31	---	11.95	9.75	10.4
9.	CEMENT MILL-IA	13.28	12.85	14.39	13.79	14.1	15.4
10.	LS CRUSHER-I &II	25.8	24.32	21.95	23.51	25.2	22.64
11.	KILN-III	15.68	---	18.35	15.7	17.31	18.4
12.	COAL MILL-III	12.66	---	10.49	12.31	16.3	13.9
13.	COOLER-III	15.67	---	16.44	13.68	18.74	19.2
14.	CEMENT MILL-IV	14.52	11.86	13.89	16.86	13.35	14.8
15.	CEMENT MILL-V	10.91	13.84	11.54	13.71	10.86	13.1
16.	LS CRUSHER-III	22.9	23.89	19.72	20.95	21.8	24.5

**SO<sub>2</sub>**

S.No.	LOCATION	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22
1.	Unit-I	0	0	0	0	0	0
2.	Unit-II	0	0	0	0	0	0
3.	Unit-III	0	0	0	0	0	0

**NO<sub>x</sub>**

S.No.	LOCATION	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22
1.	Unit-I	495	473		476	462	495
2.	Unit-II	458	440	---	439	448	430
3.	Unit-III	409	---	426	418	404	387

**Note** The results of emissions are expressed in mg/Nm<sup>3</sup>



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**SUMMARY DATA OF CONTINUOUS EMISSION MONITORING SYSTEM (CEMS)**

PM	MONTH					
	OCT'21	NOV'21	DEC'21	JAN'22	FEB'22	MAR'22
<b>Unit</b>						
KILN - I RABH	0.00 - 18.00	12.05 – 18.60	9.00 - 16.85	5.85 - 18.95	8.25 - 18.75	8.05 - 17.20
COAL MILL - I	0.00 - 19.10	0.00 - 17.00	0.00 - 23.00	0.00 - 24.00	0.00 - 22.85	0.00 - 23.85
COOLER - I	0.00 - 13.85	0.00 - 12.10	0.00 - 14.10	0.00 - 13.20	0.00 - 14.00	0.00 - 13.85
CEMENT MILL - 1	2.40 - 28.45	1.35 - 15.60	4.20 - 15.25	2.40 - 29.45	7.00 - 25.20	8.00 - 16.00
CEMENT MILL - 2	8.00 - 28.45	8.00 - 18.00	7.00 - 20.20	9.00 - 19.20	8.00 - 19.00	5.00 - 18.00
KILN - II	0.00 - 15.10	0.00 -16.00	5.00 - 15.10	13.00 - 16.00	6.00 - 15.40	6.00 - 15.20
COAL MILL - II	0.00 - 14.00	0.00 - 15.00	4.00 - 15.10	0.00 - 14.00	0.00 - 15.00	5.00 - 12.00
COOLER - II	10.00 -12.00	10.00 - 12.00	00.00 - 10.00	4.00 - 11.00	9.00 - 15.00	5.00 - 12.00
CEMENT MILL – 1A	10.00 - 25.00	10.00 - 25.00	11.00 - 17.00	10.00 - 18.00	10.00 - 13.00	10.00 - 16.85
KILN - III	16.00 - 20.12	8.00 - 20.00	14.00 - 21.00	15.00 - 20.00	16.00 - 20.00	16.00 - 20.00
COAL MILL - III	10.00 - 17.00	4.00 - 15.00	7.00 - 18.00	10.00 - 19.35	10.00 - 20.10	11.00 - 20.00
COOLER - III	21.00 - 26.00	11.00 - 25.60	7.00 - 18.00	7.00 - 24.00	19.00 - 24.30	19.00 - 24.30
CEMENT MILL - 4	0.00 - 26.00	9.00 - 23.00	10.00 - 24.00	8.00 - 22.00	12.00 - 23.00	12.00 - 22.00
CEMENT MILL - 5	5.00 - 22.00	8.00 - 20.00	8.00 - 18.00	10.00 - 25.00	10.00 - 19.00	8.00 - 18.00

SO <sub>2</sub>	OCT'21	NOV'21	DEC'21	JAN'22	FEB'22	MAR'22
<b>Unit</b>						
KILN - I	0.00 - 20.00	0.00 - 16.00	0.00 - 10.00	0.00 - 5.00	0.00 - 5.00	0.00 - 10.00
KILN - II	0.00 - 15.00	0.00 - 10.00	0.00 - 15.00	0.00 - 4.00	0.00 - 8.00	0.00 - 04.00
KILN - III	0.00 - 30.00	0.00 - 10.00	0.00 - 10.00	0.00 - 3.00	0.00 - 4.00	0.00 - 10.00

NO <sub>x</sub>	OCT'21	NOV'21	DEC'21	JAN'22	FEB'22	MAR'22
<b>Unit</b>						
KILN - I	450 - 510	460 - 630	450 - 610	470 - 580	460 - 570	440 - 510
KILN - II	450 - 620	440 - 635	200 - 440	430 - 620	440 - 645	490 - 610
KILN - III	400 - 545	290 - 500	420 - 500	410 - 580	400 - 573	350 - 560

**Note: All the above CEMS values are expressed in mg/Nm<sup>3</sup>**



**CONTINUOUS AMBIENT AIR QUALITY MONITORING SYSTEM (CAAQMS)**

**DOWN WIND DIRECTION (Factory Main Gate)**

Parameter	OCT'21			NOV'21			DEC'21			JAN'22			FEB'22			MAR'22		
	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
PM <sub>10</sub>	0	585.00	<b>54.19</b>	1.20	245.00	<b>53.41</b>	5.50	2384.50	<b>51.39</b>	6.93	215.00	<b>43.31</b>	19.60	269.60	<b>60.24</b>	11.20	987.60	<b>69.81</b>
PM <sub>2.5</sub>	0	107.00	<b>32.09</b>	0	87.00	<b>27.18</b>	4.20	69.00	<b>24.05</b>	0	106.00	<b>16.54</b>	4.80	93.10	<b>30.52</b>	5.60	131.00	<b>34.17</b>
SO <sub>2</sub>	0	4.29	<b>1.53</b>	0.29	6.29	<b>2.11</b>	0.57	5.43	<b>2.42</b>	1.14	5.43	<b>3.01</b>	2.00	6.01	<b>3.96</b>	2.00	12.01	<b>4.80</b>
NOx	0	7.29	<b>3.37</b>	0.39	7.30	<b>3.40</b>	0	9.07	<b>3.41</b>	0.00	6.61	<b>3.38</b>	0	8.04	<b>3.34</b>	0	7.57	<b>3.32</b>

**UPWIND DIRECTION (Choutapalli Limestone Mine Office)**

Parameter	OCT'21			NOV'21			DEC'21			JAN'22			FEB'22			MAR'22		
	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
PM <sub>10</sub>	11.00	376.00	<b>47.49</b>	7.00	105.00	<b>39.23</b>	14.00	176.00	<b>52.54</b>	7.40	422.00	<b>45.18</b>	12.00	689.50	<b>54.66</b>	17.40	985.00	<b>69.51</b>
PM <sub>2.5</sub>	0	71.00	<b>26.57</b>	0	76.00	<b>23.44</b>	4.40	50.40	<b>22.06</b>	0	283.00	<b>18.97</b>	6.50	169.20	<b>23.58</b>	12.00	283.00	<b>34.41</b>
SO <sub>2</sub>	14.87	32.60	<b>23.07</b>	10.10	35.46	<b>20.33</b>	11.40	20.40	<b>16.36</b>	0	96.67	<b>18.95</b>	9.72	16.59	<b>13.25</b>	11.44	19.16	<b>14.88</b>
NOx	0	1955.23	<b>1.28</b>	0	51.27	<b>3.08</b>	0	41.96	<b>1.59</b>	0	1762.72	<b>1.69</b>	0	22.93	<b>1.84</b>	0	12.06	<b>1.93</b>

**CROSS WIND DIRECTION (Colony)**

Parameter	OCT'21			NOV'21			DEC'21			JAN'22			FEB'22			MAR'22		
	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
PM <sub>10</sub>	0	717.00	<b>54.91</b>	4.20	492.80	<b>54.83</b>	1.74	492.50	<b>71.60</b>	6.32	492.50	<b>47.17</b>	13.80	275.10	<b>64.83</b>	10.80	728.80	<b>71.19</b>
PM <sub>2.5</sub>	0	121.00	<b>30.42</b>	0	132.00	<b>25.23</b>	1.90	135.60	<b>21.39</b>	3.00	163.10	<b>18.11</b>	7.00	92.00	<b>28.71</b>	0	198.60	<b>31.21</b>
SO <sub>2</sub>	0	174.60	<b>14.05</b>	8.48	30.40	<b>17.47</b>	11.97	28.32	<b>18.61</b>	1.34	75.50	<b>20.66</b>	8.58	37.47	<b>12.97</b>	6.86	184.47	<b>10.73</b>
NOx	0	1578.53	<b>5.86</b>	0	84.14	<b>5.26</b>	0	3.73	<b>0.32</b>	0	7.10	<b>2.62</b>	0	6.79	<b>4.92</b>	2.62	7.79	<b>5.00</b>

Note: All the above CAAQMS values are expressed in µg/m<sup>3</sup>



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## AMBIENT AIR QUALITY

**PM<sub>10</sub>, µg/m<sup>3</sup>**

S. No.	Location	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22
1.	Cement Plant Main Gate	68.40	64.70	69.10	66.90	62.40	64.60
2.	Colony Premises	56.51	51.90	54.64	58.70	56.60	60.20
3.	Yepalamadhavaram Mine Office	63.94	68.62	65.78	61.54	64.20	68.10
4.	Choutapalli Mine Office	59.68	62.79	57.64	68.29	66.70	62.90
5.	Mellacheruvu Mine Office	67.61	65.70	69.42	64.28	60.10	65.30
6.	CPP-II	74.96	71.84	75.26	72.69	76.50	73.10
VILLAGES							
7.	Mellacheruvu	66.50	70.84	73.65	69.88	72.50	66.70
8.	Choutapalli	65.82	60.88	66.05	60.91	67.30	69.60
9.	Venkataramapuram	61.98	57.78	60.35	54.78	58.20	63.40
10.	Raghunathapalem	54.68	52.42	61.72	54.61	50.40	55.80
11.	Yepalamadhavaram	63.74	67.44	63.81	60.29	65.30	63.40
12.	Bakkamanthulagude	50.28	45.57	41.84	47.73	44.10	49.50
13.	Mallareddygudem	49.62	53.78	57.37	50.28	54.40	50.80
14.	Mattampalli	62.74	66.8	62.68	67.51	63.60	61.70

**PM<sub>2.5</sub>, µg/m<sup>3</sup>**

S. No.	Location	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22
1.	Cement Plant Main Gate	25.99	24.58	26.30	25.42	24.70	26.30
2.	Colony Premises	21.47	19.72	20.80	22.30	19.10	23.70
3.	Yepalamadhavaram Mine Office	24.29	26.07	24.99	23.38	25.60	27.40
4.	Choutapalli Mine Office	22.67	23.86	21.90	25.95	26.90	21.70
5.	Mellacheruvu Mine Office	25.69	24.96	26.37	24.42	21.80	24.70
6.	CPP-II	28.48	27.29	28.59	27.62	30.70	28.90
VILLAGES							
7.	Mellacheruvu	25.30	26.90	28.00	26.60	28.30	25.40
8.	Choutapalli	25.70	23.10	25.09	23.20	25.90	26.40
9.	Venkataramapuram	23.60	22.00	22.93	20.80	23.50	28.90
10.	Raghunathapalem	20.80	19.90	23.50	20.80	18.40	21.60
11.	Yepalamadhavaram	24.22	25.62	24.24	22.91	24.40	23.90
12.	Bakkamanthulagudem	19.10	17.31	15.89	18.13	16.90	19.40
13.	Mallareddygudem	18.90	20.40	21.80	19.10	21.70	18.40
14.	Mattampalli	23.80	25.40	23.80	25.70	22.30	20.30

**SO<sub>2</sub>, µg/m<sup>3</sup>**

S. No.	Location	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22
1.	Cement Plant Main Gate	10.92	8.40	10.74	12.60	11.30	9.50
2.	Colony Premises	6.48	7.58	8.42	7.55	8.20	10.30
3.	Yepalamadhavaram Mine Office	10.48	9.32	10.56	9.67	10.80	8.60
4.	Choutapalli Mine Office	8.77	11.85	9.43	11.40	9.30	11.30
5.	Mellacheruvu Mine Office	8.35	10.32	12.62	10.45	9.20	7.60
6.	CPP-II	13.48	12.65	13.92	14.35	11.30	13.40
VILLAGES							
7.	Mellacheruvu	12.68	13.17	11.76	12.30	13.10	11.90
8.	Choutapalli	9.81	11.57	11.29	8.66	10.40	9.70
9.	Venkataramapuram	11.56	9.37	8.27	7.41	6.70	8.40
10.	Raghunathapalem	7.42	8.75	10.63	8.14	6.70	7.30



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11.	Yepalamadhavaram	10.30	7.90	6.90	7.90	9.30	10.40
12.	Bakkamanthulagudem	8.20	6.70	7.30	6.40	7.30	6.50
13.	Mallareddygudem	6.88	7.41	8.78	6.55	8.20	7.60
14.	Mattampalli	11.47	10.35	11.54	10.37	9.80	10.90

### NO<sub>x</sub>, µg/m<sup>3</sup>

S. No.	Location	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22
1.	Cement Plant Main Gate	22.78	19.28	21.85	24.80	22.20	20.10
2.	Colony Premises	16.75	16.56	18.67	17.34	19.40	22.80
3.	Yepalamadhavaram Mine Office	20.74	18.56	20.72	19.36	22.70	17.50
4.	Choutapalli Mine Office	21.69	23.76	17.68	22.56	20.10	23.40
5.	Mellacheruvu Mine Office	17.69	20.41	24.69	21.31	19.50	16.10
6.	CPP-II	25.77	24.38	26.22	27.80	25.30	26.70
<b>VILLAGES</b>							
7.	Mellacheruvu	24.72	26.81	23.82	24.68	26.80	23.70
8.	Choutapalli	21.89	22.68	21.75	18.70	21.10	23.60
9.	Venkataramapuram	23.65	18.74	15.98	16.39	18.20	20.30
10.	Raghunathapalem	16.76	18.22	21.56	20.57	16.60	18.20
11.	Yepalamadhavaram	22.66	17.67	18.38	17.42	19.33	20.80
12.	Bakkamanthulagudem	17.98	15.69	16.92	15.38	18.80	15.90
13.	Mallareddygudem	15.95	18.62	20.35	16.42	18.60	19.20
14.	Mattampalli	23.95	21.81	23.24	22.65	20.20	22.30

### FUGITIVE EMISSION MONITORING DATA (µg/m<sup>3</sup>)

S. No.	Location	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22
1.	Near Additives Storage Yard	1484	1452	1350	1428	1576	1542
2.	Near Coal Yard	1828	1879	1934	1844	1910	1801
3.	Near Packing Plant	1419	1470	1526	1395	1419	1481
4.	Near CCR 1&2	904	956	1004	932	892	949
5.	Cement Mills	1365	1489	1412	1521	1628	1680
6.	Near LS Stockpile Unit 3	1539	1628	1566	1607	1478	1569



**ANNEXURE-3**

**COMPLIANCE REPORT ON  
CHARTER ON CORPORATE RESPONSIBILITY FOR ENVIRONMENTAL PROTECTION (CREP)**

S. No	CONDITION	COMPLIANCE STATUS
1.	Cement Plants, which are not complying with notified standards, shall do the following to meet the standards; Augmentation of existing Air Pollution Control Devices - by July 2003 Replacement of existing Air Pollution Control Devices - by July 2004	Complying with the latest standards notified by MoEF&CC of 30 mg/Nm <sup>3</sup> for PM, 100 mg/Nm <sup>3</sup> for SO <sub>2</sub> and 700 mg/Nm <sup>3</sup> for NO <sub>x</sub> .
2.	Cement Plants located in critically polluted or urban areas (including 5 km distance outside urban boundary) will meet 100 mg/Nm <sup>3</sup> limit or particulate matter by December, 2004 and continue working to reduce the emission of particulate matter to 50 mg/Nm <sup>3</sup> .	Not applicable – located in rural area
3.	The new cement kilns to be accorded NOC / Environmental Clearance w.e.f 01.04.2003 will meet the limit of 50 mg/Nm <sup>3</sup> for particulate matter emissions.	All 3 kilns are provided with Reverse Air Bag House (RABH) system to meet the notified standard of PM less than 30 mg/Nm <sup>3</sup> .
4.	CPCB will evolve load based standards by December 2003.	We are attaining well below the load based standard evolved by CPCB of 0.125 Kg/Ton of clinker produced.
5.	CPCB and NCBM will evolve SO <sub>2</sub> and NO <sub>x</sub> emission standards by June 2004.	We are maintaining our SO <sub>2</sub> & NO <sub>x</sub> emissions within the CPCB standards.
6.	The Cement industries will control fugitive emissions from all the raw material and products storage and transfer points by December 2003. However, the feasibility for the control of fugitive emissions from limestone and coal storage areas will be decided by the National Task Force (NTF). The NTF shall submit its recommendations within three months.	CPCB Environmental Guidelines for Prevention and Control of Fugitive Emissions from Cement Plants are being followed <ul style="list-style-type: none"> <li>• All transfer points and storage silos are provided with dust collection and extraction systems for effective control of fugitive emissions. All installed pollution control equipment was designed for &lt; 30 mg/Nm<sup>3</sup>.</li> <li>• The dust collected from the pollution control equipment is being recycled back into the process.</li> <li>• Clinker is being stored in clinker storage tanks of capacity 1,10,000 tons &amp; 30,000 tons. Gypsum and additives are being stored in covered storage sheds with storage capacity of 5,800 tons and 7,400 tons respectively.</li> <li>• Fly ash is being stored in 5 silos with total capacity of about 3100 tons and pneumatic system for fly ash handling. Cement is being stored in 6 silos with total capacity of about 37,100 tons</li> <li>• All raw material transfer conveyor are enclosed with GI sheet.</li> <li>• Truck mounted vacuum cleaner, road sweepers and hand operated flipper machines are utilized and good housekeeping is being maintained for controlling secondary fugitive dust emissions.</li> <li>• Fixed water Sprinklers are installed at Coal yard area and wind curtains are installed along coal yard to reduce fugitive dust emissions.</li> </ul>



# My Home Industries Private Limited

Mellacheruvu (V & M) -508246, Suryapet Dist., Telangana State

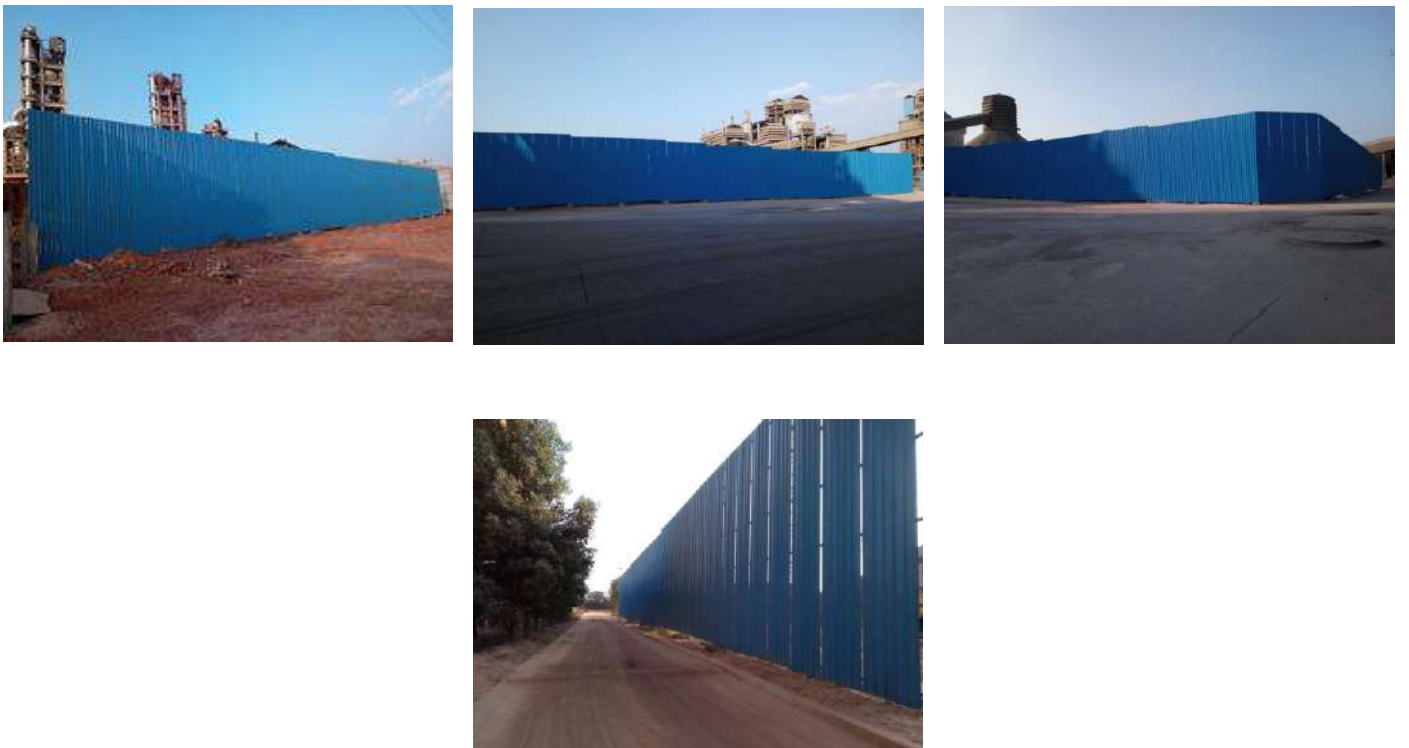
S. No	CONDITION	COMPLIANCE STATUS															
7.	CPCB, NCBM, BIS and Oil refineries will jointly prepare the policy on use of petroleum cokes as fuel in cement kiln by July 2003.	-----															
8.	After performance evaluation of various types of continuous monitoring equipment and feedback from the industries and equipment manufacturers, NTF will decide feasible unit operations / sections for installation of continuous monitoring equipment. The industry will install the continuous monitoring systems (CMS) by December 2003.	Installed online Continuous Emission Monitoring System (CEMS) for 14 stacks viz., Kiln RABH stack - 3 Nos, ESP-Cooler stack - 3 Nos, Coal mill stack - 3 Nos, Cement Mill stack - 5 Nos connected to SPCB and CPCB servers. Continuous Ambient Air Quality Monitoring stations (CAAQMS) established in 3 directions i.e., downwind, upwind and crosswind connected to CPCB & TSPCB servers.															
9.	Tripping in kiln ESP to be minimized by July 2003 as per the recommendations of NTF.	ESPs of all kilns are replaced with RABH.															
10.	Industries will submit the target date to enhance the utilization of waste material by April, 2003.	<p>Fly ash generated from thermal power plant and gypsum from fertilizer units are being utilized in cement manufacturing process. Utilisation details are as follows.</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Year</th> <th style="width: 40%;">Fly Ash &amp; Bottom ash (MT)</th> <th style="width: 45%;">Gypsum (MT)</th> </tr> </thead> <tbody> <tr> <td>2021-22</td> <td style="text-align: center;">2,73,608</td> <td style="text-align: center;">97,667.04</td> </tr> <tr> <td>2020-21</td> <td style="text-align: center;">2,18,395</td> <td style="text-align: center;">70,941.86</td> </tr> <tr> <td>2019-20</td> <td style="text-align: center;">1,08,732</td> <td style="text-align: center;">40,222.35</td> </tr> <tr> <td>2018-19</td> <td style="text-align: center;">1,08,004</td> <td style="text-align: center;">50,857.40</td> </tr> </tbody> </table>	Year	Fly Ash & Bottom ash (MT)	Gypsum (MT)	2021-22	2,73,608	97,667.04	2020-21	2,18,395	70,941.86	2019-20	1,08,732	40,222.35	2018-19	1,08,004	50,857.40
Year	Fly Ash & Bottom ash (MT)	Gypsum (MT)															
2021-22	2,73,608	97,667.04															
2020-21	2,18,395	70,941.86															
2019-20	1,08,732	40,222.35															
2018-19	1,08,004	50,857.40															
11.	NCBM will carry out a study on hazardous waste utilization in cement kiln by December 2003.	-----															
12.	Cement industries will carry out feasibility study and submit target dates to CPCB for co-generation of power by July 2003.	We have a 14 MW Waste Heat Recovery Power Plant commissioned in March-2017.															

**ANNEXURE-4**

**Truck Mounted Vacuum Cleaning Machine, Road Sweeping Machines**



**Wind barrier sheets erected around laterite storage area & clinker silo area**



**Fixed Water Sprinklers Installed at coal stock pile in New Coal Yard area**



**ANNEXURE- 5**

**Piezometer (with Telemetry) at Ground Water Level Monitoring**



**Availability of Ground Water (Monthly average Level)**

S. No	Month	Below Ground Level (mts.)
1.	Oct'21	4.17
2.	Nov'21	4.16
3.	Dec'21	4.23
4.	Jan'22	4.85
5.	Feb'22	7.84
6.	Mar'22	7.81

**Ground Water Quality Monitoring Report: Work Shop Area**

S. No.	Parameter	Oct'21 - Dec'21	Jan'22 – Mar'22
1.	Color	<5.0	<5.0
2.	Turbidity	0.3	0.3
3.	pH @ 25.8°C	7.88	7.60
4.	Electrical Conductivity	1125	1069
5.	Total Dissolved Solids	691	656
6.	Alkalinity as CaCO <sub>3</sub>	159	151
7.	Hardness as CaCO <sub>3</sub>	277	263
8.	Calcium as Ca	83	79
9.	Magnesium as Mg	16.08	15.27
10.	Chlorides as Cl <sup>-</sup>	189	180
11.	Sulphates as SO <sub>4</sub>	113	107
12.	Nitrate as NO <sub>3</sub>	2.71	2.57
13.	Fluoride as F	0.58	0.63
14.	Iron as Fe	0.17	0.15
15.	Boron as B	<0.1	<0.1
16.	Oil & Grease	<1.0	<0.1
17.	Odor	agreeable	agreeable
18.	Taste	agreeable	agreeable
19.	Manganese as Mn	<0.01	<0.01
20.	Mercury (as Hg)	<0.001	<0.001
21.	Nickel as Ni	<0.01	<0.01
22.	Arsenic	Absent	Absent
23.	E-Coli	Absent	Absent

**ANNEXURE-6**

**400 KLD SEWAGE TREATMENT PLANT**



S.No.	Parameter	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22
1.	pH	7.87	7.63	7.75	7.6	7.68	7.84
2.	Bio-Chemical Oxygen Demand (BOD)	06	08	10	12	15	17
3.	Total Suspended Solids (TSS)	24	21	26	23	21	25

**ANNEXURE-7**

**RAIN WATER HARVESTING STRUCTURES**



Rain Water Harvesting Sump at NE corner of the Plant



Ground Water Recharge Well



Ground Water Recharge Pits



Storm water drains

**ANNEXURE – 8**

**SOURCE / WORK ZONE NOISE LEVELS**

S. No.	Location	Oct'21 - Dec'21	Jan'22 – Mar'22
1.	Cement Plant Main Gate	65.1	67.4
2.	Coal crusher - Container	76.9	74.8
3.	Packing Plant unit – I & II	72.6	70.1
4.	Cement mill – 1 & 2 area	75.4	76.7
5.	Cement mill – 1A near HT Motors	77.8	78.3
6.	Cement mill – 4 & 5 area	78.9	79.2
7.	Cement mill silo compressor room	84.3	81.5
8.	Coal Mill -1 Compressor area	79.6	77.2
9.	Coal Mill -2 Compressor area	85.4	82.6
10.	Coal Mill -3 Compressor area	52.6	84.7
11.	Kiln-1 & 2 area	87.1	85.9
12.	Kiln - 3 area	83.9	82.1
13.	QA-lab-unit-I & II grinding room	79.5	77.3
14.	Central control room – unit I & II	80.4	78.4
15.	Unit -3 Preheater Fan	83.1	80.2
16.	Cooler -1 Fans area	77.5	75.6
17.	Cooler -2 Fans area	78.1	74.2
18.	Cooler -3 Fans area	75.4	76.3
19.	CPP turbine area	80.9	78.1
20.	Cooling tower area	78.4	74.9

Note: Permissible Exposure in cases of Continuous Noise Schedule-XXVII Operations involving High Noise under Rule 95 of the Telangana Factories Rules, 1950 is 85 dB(A) for 8 hours

**AMBIENT NOISE LEVELS**

S. No.	Location	Oct'21 - Dec'21		Jan'22 – Mar'22	
		Lday	Lnight	Lday	Lnight
1.	Near Factory Main Gate	63.70	58.10	65.10	60.50
2.	Residential Colony	59.20	54.30	57.60	52.60
3.	Choutapalli Mine Office	64.80	59.60	60.70	56.50
4.	Mellacheruvu Mine Office	56.80	51.40	60.70	56.50
5.	Yepalamadhavaram Mine Office	61.60	56.50	62.10	55.70
<b>Village</b>					
1.	Choutapalli	65.20	59.10	66.70	61.20
2.	Mattampalli	66.20	61.80	65.20	60.70
3.	Mellacheruvu	67.50	62.70	68.60	63.90
4.	Yepalamadhavaram	59.80	54.60	60.30	55.30
5.	Bakkamanthulagudem	54.60	49.20	56.70	51.80

**ANNEXURE – 9**

**CO-PROCESSING OF LIQUID ORGANIC HAZARDOUS WASTE – STORAGE SYSTEM**



**LIQUID HAZARDOUS WASTE FOR CO-PROCESSED IN CEMENT KILN**

Month	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Total
Co-Processed (in MT)	2478.165	2340.895	2192.765	2638.290	2295.035	2487.320	<b>14432.470</b>

**ANNEXURE-10**

**GREENBELT DEVELOPMENT**





# My Home Industries Private Limited

Mellacheruvu (V & M) -508246, Suryapet Dist., Telangana State

## ANNEXURE-11

### INTEGRATED MANAGEMENT SYSTEM (ISO 14001:2015 & ISO 9001:2015) CERTIFICATES




## Certificate of Registration

**ENVIRONMENTAL MANAGEMENT SYSTEM - ISO 14001:2015**

This is to certify that: My Home Industries Private Limited  
Mellacheruvu Cement Works  
Srinagar  
Mellacheruvu (Village & Mandal)  
Suryapet Dist. 508 246  
Telangana  
India

Holds Certificate No: **EMS 677446**

and operates an Environmental Management System which complies with the requirements of ISO 14001:2015 for the following scope:

Manufacture, Dispatch and Export of Clinker, Cement and Generation of Power and Supply.

For and on behalf of BSI:


---

Chris Cheung, Head of Compliance & Risk - Asia Pacific

Original Registration Date: 2017-08-14  
Latest Revision Date: 2020-10-24

Effective Date: 2020-08-14  
Expiry Date: 2023-08-13

Page: 1 of 1





...making excellence a habit.™

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract.  
 An electronic certificate can be authenticated [online](#).  
 Printed copies can be validated at [www.bsi-global.com/ClientDirectory](http://www.bsi-global.com/ClientDirectory) or telephone +01 11 2692 9000.  
 Further clarifications regarding the scope of this certificate and the applicability of ISO 14001:2015 requirements may be obtained by consulting the organization.  
 This certificate is valid only if provided original copies are in complete set.

Information and Contact: BSI, Kilnbank Court, Davy Avenue, Knowlton, Milton Keynes MK5 8PP, UK. Tel: +44 345 080 9000  
 BSI Assurance UK Limited, registered in England under number 2802324 at 389 Chiswick High Road, London W4 4AL, UK.  
 A Member of the BSI Group of Companies.




## Certificate of Registration

**QUALITY MANAGEMENT SYSTEM - ISO 9001:2015**

This is to certify that: My Home Industries Private Limited  
9th Floor, Block No.3  
My Home Hub  
Madhapur  
Hyderabad 500 081  
Telangana  
India

Holds Certificate No: **FM 677533**

and operates a Quality Management System which complies with the requirements of ISO 9001:2015 for the following scope:

The Manufacture, Grinding, Supply and Export of Clinker, Cement, Ground Granulated Blast furnace Slag and Generation of Power and Supply.

For and on behalf of BSI:


---

Chris Cheung, Head of Compliance & Risk - Asia Pacific

Original Registration Date: 2017-07-29  
Latest Revision Date: 2020-07-25

Effective Date: 2020-07-29  
Expiry Date: 2023-07-28

Page: 1 of 2





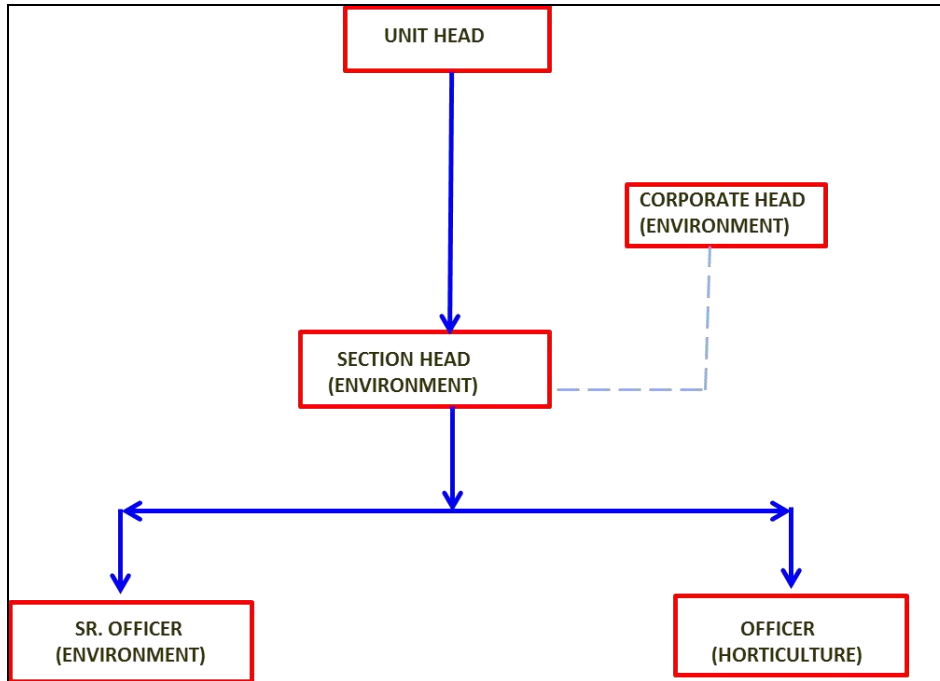
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**ANNEXURE-12**

**ORGANIZATIONAL SETUP FOR ENVIRONMENTAL MANAGEMENT**





# My Home Industries Private Limited

Mellacheruvu (V & M) -508246, Suryapet Dist., Telangana State

## ANNEXURE-13

	<b>My Home Industries Pvt. Ltd</b> <b>INTERNAL ENVIRONMENTAL AUDIT CHECKLIST</b>
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### ENVIRONMENTAL SITE INSPECTION CHECKLIST

Introduction Details	
Unit Name : <b>Cement Plant I,II &amp; III</b>	Site Location: <b>Mellacheruvu</b>
Status during Inspection : <b>Operational</b>	Capacity : <b>Clinker : 3.50 MTPA &amp; Cement : 3.90 MTPA</b>
Date of Inspection : <b>17.07.2021 to 20.07.2021</b>	Inspection Time : <b>10:30 Hrs. to 17:30 Hrs</b>
Inspected By :	

	Particulars	Implemented?		N/A	Remark
		Yes	No		
<b>Environmental Compliances:</b>					
1.	Is Environmental Management Cell setup in Site level and Corporate Level?	✓			
2.	Is site certified with Environmental Management System (IS 14001:2015)	✓			
3.	Environmental permits been obtained from appropriate regulatory authorities.	✓			
4.	Is Environmental compliance are submitted to regulatory authorities in time bound manner.	✓			
5.	Are Environmental compliance(s) uploaded in company website?	✓			
6.	Is CEMS & CAAQMS data displayed at main gate for public domain?	✓			
7.	Is consent board displayed at main gate for glance to public domain?	✓			
<b>Air Quality Monitoring :</b>					
a.	Is the equipment same as described in the Permit to Operate under Air (P&CP), 1981?	✓			
b.	Is CEMS and CAAQMS installed and connected to CPCB & TSPCB website?	✓			
c.	Are air pollutants such as sulfur dioxide, oxides of Nitrogen (NOx), dust and heavy metals (Including lead, cadmium, mercury,etc.) emitted from Kiln are monitored / comply with emission standards during co-processing of hazardous waste.	✓			
d.	Is particulate matter emitted from Kiln, clinker Cooler, cement mills & Coal mills are monitored / comply with emission standards?	✓			
e.	Is there any possibility that generation of fugitive emission from pre-processing facility of raw material storage cause air pollution?	✓			
f.	Are roads in plant area are asphalted/concreted? Is water sprinkling system available in site?	✓			
g.	Are adequate measures are taken to prevent secondary emissions?	✓			
h.	Is there any possibility of air emitted from area source are monitored / comply with national ambient air quality standards	✓			
i.	Is air quality monitor / comply in working environment near loading area to comply with occupational health and safety as per Factories Act.?	✓			
j.	Are adequate worker protection measures implemented with respect to Environmental aspects?	✓			
k.	Is dust collected in the APCD recycled back to process?	✓			
l.	Is APCD in raw mill, kiln feeding system, clinker cooler, coal mill, cement mill and cement silo interlocked?	✓			
m.	Are plant and APCD equipment well maintained as per schedule?	✓			
n.	Are speed control measures applied? (e.g. speed limit sign)				
<b>Water Quality Monitoring :</b>					
a.	Has the plant obtained the Permit to Operate under Water (P&CP),1974 ?	✓			
b.	Is ground water permission obtained from Ground water department/ CGWA in case of drawl ground water/surface water from bore wells.	✓			
c.	Is plant provided with water meters for recording category - wise water consumption (unit processes).	✓			
d.	Is CEQMS installed and connected to CPCB & TSPCB website?		✓		
e.	Is wastewater treatment system being used and properly maintained on site?	✓			
f.	Is site adhered to "Zero Liquid Discharge"?	✓			
g.	Are there any wastewater discharges to storm water drains?		✓		
h.	Does the effluent meet the permit limits for turbidity, pH, TSS, BOD, TDS etc.?	✓			
i.	Does the facility have a storm water management (pollution prevention) plan?				



# My Home Industries Private Limited

Mellacheruvu (V & M) -508246, Suryapet Dist., Telangana State

My Home Industries Pvt. Ltd				
INTERNAL ENVIRONMENTAL AUDIT CHECKLIST				
h.	Does the effluent meet the permit limits for turbidity, pH, TSS, BOD, TDS etc.?	✓		
i.	Does the facility have a storm water management (pollution prevention) plan?			
j.	Are adequate measures taken to prevent contamination of surface water and ground water by these effluents?	✓		
k.	Are any rainwater harvesting system and recharge pits available in site?	✓		
<b>Noise Level Monitoring :</b>				
a.	Is noise level surveyed in site as per prescribed guidelines	✓		
b.	Are noise levels monitored / comply with standards?	✓		
c.	Any noise mitigation measures adopted in site?	✓		
<b>Waste Management :</b>				
a.	Is the plant had obtained the authorization under Rule 6 of Hazardous and other (M&TM) Rules, 2016.	✓		
b.	Is site generating any Hazardous waste?	✓		
c.	Is site disposed hazardous waste to authorized recycler?	✓		
d.	Has authorization been obtained for co-processing for hazardous waste in rotary kiln?	✓		
e.	Is any separate system installed for storage of hazardous waste in site for pre- processing for co-processing for hazardous waste in rotary kiln.?	✓		
f.	Is hazardous waste (Used /Waste oil) is being stored separately under closed shed / designated area till disposed to authorized Reprocessors/ Recyclers?	✓		
g.	Are any control measures adopted for re-utilization/ reuse of hazardous waste.	✓		
h.	Are adequate measures taken to prevent contamination of soil and groundwater by leachates from the waste storage/disposal sites?	✓		
i.	Are adequate accident prevention measures (e.g. installations of prevention facilities and equipment and establishment of prevention management framework) taken for storage, loading/unloading, and transportation of hazardous and dangerous materials?	✓		
j.	Is disposal of waste maintained as time bound manner?	✓		
k.	Are used lead acid batteries stored in secured way till they are disposed to manufactures / dealers on buyback basis?	✓		
l.	Is e-waste disposed to authorized recyclers?	✓		
m.	Is site maintain good housekeeping and maintain proper records.	✓		
<b>Energy Conservation Measures :</b>				
a.	Are separate meters available / installed for APC equipments and recording energy consumption in the site?	✓		
b.	Is Waste Heat Recovery (WHR) system installed in site?	✓		
<b>Greenbelt :</b>				
a.	Has site achieved 33% of greenbelt development in accordance with CPCB guidelines?	✓		
<b>Public Hearing and Human health issues :</b>				
a.	Is site conducting any occupational health checkups for workers as per Factories Act.?	✓		
<b>Corporate Environment Responsibility / Corporate Social Responsibility :</b>				
a.	Is site complying with Corporate Environment Responsibility?	✓		
b.	Are separate fund are allocated to CER and CSR activity?	✓		

**Observations / Good Practices if any:**

- ❖ Good Housekeeping maintained
- ❖ Effective preventive measures are taken to reduced fugitive emission
- ❖ Curtain walls are provided around laterite shed to arrest secondary emissions

**Auditor Signatures:**

- 1.)
- 2.)
- 3.)
- 4.)

## ANNEXURE-14

**Dash Board at Main Gate for displaying online Environmental Parameters of stacks**



as on 18.01.2022

**MY HOME INDUSTRIES PRIVATE LIMITED, Mellacheruvu  
Cement Plant “(Unit-I, II & III) and Cement Plant Unit-IV**

S. No	Particulars	Order Details	Application date	Issued on	Valid upto	Remarks
	<b>Consent for Operation (CFO)</b>					
1	CFO Unit-I	28154/PCB/A/99-182 & 28154/PCB/W/99-182		March 1999	30.06.1999	-
2	CFO Unit-I	28154/PCB/A/99-4274 & 28154/PCB/W/99-4274		21.12.1999	30.06.2000	-
3	CFO Unit-I	28154/PCB/A/2000-1148 & 28154/PCB/W/2000-1148	20.04.2000	Aug 2000	30.06.2001	-
4	CFO Unit-I	APPCB/PTN/NGL/163/HO/W/2001/6-1333 & APPCB/PTN/NGL/163/HO/2001/A/6-1333	20.06.2001	29.09.2001	30.06.2002	-
5	CFO Unit-II	APPCB/PTN/78/HO/W/2002/93-932 & APPCB/PTN/78/HO/2002/A/93-932	25-01-2002	18-07-2002	31.01.2003	-
6	CFO Unit-I	APPCB/PTN/NGL/163/HO/W/2002/130-1120 & APPCB/PTN/NGL/163/HO/2002/A/130-1120	17.06.2002	28.08.2002	30.06.2003	-
7	CFO Unit-II	APPCB/PTN/78/HO/W/2003/28-213 & APPCB/PTN/78/HO/2003/A/28-213	20-03-2003	16-04-2003	31.01.2004	-
8	CFO Unit-I	APPCB/PTN/NGL/163/HO/W/93-1502 & APPCB/PTN/NGL/164/HO/A/93-1502	21-05-2003	18.08.2003	30.06.2004	-
9	CFO Unit-II	APPCB/PTN/78/HO/W/2003/90-1518, & APPCB/PTN/78/HO/2003/A/90-1518 APPCB/PTN/78/HO/2003/W&A/90-1994	21-05-2003	18.08.2003	30.06.2004	-
11	CFO Unit-II amendment	APPCB/PTN/78/HO/2003/W&A/90-1994	21.05.2003	19.10.2003	--	-
12	CFO Unit –I (Clinker – 0.66 MTPA & Cement 0.792 MTPA)	APPCB/PTN/NGL/163/HO/W/2004/119-1258 & APPCB/PTN/NGL/163/HO/2004/A/119-1258	29.09.2004	03.09.2004	30.06.2006	-
13	CFO Unit –II (Clinker – 0.92 MTPA & Cement 1.108 MTPA)	APPCB/PTN/78/HO/W/2004/124-1400 & APPCB/PTN/78/HO/2004/A/1124-1400	29.05.2004	14.09.2004	30.06.2006	-
14	CFO Unit –III (Clinker – 0.09 MTPA & Cement 1.4 MTPA)	APPCB/PTN/NGL/163/HO/2007-2491	31.05.2006	05.03.2007	30.06.2009	-
15	CFO Unit –III (Clinker – 0.09 MTPA & Cement 1.4 MTPA)	APPCB/PTN/NGL/185/HO/2008-1018	01.01.2008	10.07.2008	31.01.2011	-
16	CFO Unit –III (Clinker – 0.19 MTPA)	APPCB/PTN/NGL/185/HO/2008-2620	25.10.2008	04.01.2009	30.11.2009	-
17	CFO renewal	APPCB/PTN/NGL/163/HO/2009-1330	01.06.2009	19.08.2009	30.06.2012	Unit –I & II combine
18	CFO Unit –III (Clinker – 1.09 MTPA & Cement 1.4 MTPA)	APPCB/PTN/NGL/186/HO/CFO/2010-2635	12.10.2009	04.03.2010	30.06.2012	
19	CFO renewal (Clinker – 2.67 MTPA & Cement 3.3 MTPA)	APPCB/PTN/NGL/163/HO/CFO/2012-2527		12.09.2012	30.06.2013	Unit –I,II&III combine
20	CFO renewal (Clinker – 2.78 MTPA & Cement 3.3 MTPA)	TSPCB/RCP/NGL/11705/CFO&HWA/HO/2014-6865	21.03.2013	11.03.2014	30.06.2016	---
21	CFO Unit-II Expansion (Clinker – 0.92 MTPA & Cement 1.183 MTPA)	TSPCB/RCP/NGL/CFO&HWA/HO/2015-1942	13.11.2015	01.12.2015	31.10.2016	---

as on 18.01.2022

**MY HOME INDUSTRIES PRIVATE LIMITED, Mellacheruvu  
Cement Plant “(Unit-I, II & III) and Cement Plant Unit-IV**

<b>S. No</b>	<b>Particulars</b>	<b>Order Details</b>	<b>Application date</b>	<b>Issued on</b>	<b>Valid upto</b>	<b>Remarks</b>
22	CFO (Clinker – 3.043 MTPA & Cement 3.3 MTPA)	TSPCB/RCP/HO/CFO&HWA/2016-975		14.07.2016	30.06.2021	--
23	CFO renewal (amendment)	TSPCB/RCP/NLG/HO/CFO/2016-2715		09.01.2017	---	Petcoke utilization
24	CFO renewal (amendment)	TSPCB/RCP/HO/CFO/2017-3090		14.02.2017	---	RDF utilization
25	CFO renewal (amendment)	TSPCB/CFO/RO-NLG/H0/2020-	24.12.2019	11.02.2020	--	Utilization of imported petcoke
26	CFO (Clinker – 3.5 MTPA & Cement 3.9 MTPA)	TSiPASS No. MEG027005977524CFO OCMMS application No. 2493149 Order.No. 200522493149	26.05.2020	17.08.2020	30.06.2021	----
27	CFO renewal (Clinker – 3.5 MTPA & Cement 3.9 MTPA)	TSiPASS No. <b>MEG02700599773REN</b>  OCMMS application No.2979374 Order.No. 210822979374	28.04.2021	30.07.2021	30.06.2026	-



CONSENT & HWA ORDER (RENEWAL)

**Consent Order No : 210822979374**

**Date : 30.07.2021**

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof, Operation of the plant under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation / Renewal of Authorisation under Rule 6 of the Hazardous Wastes (Management, Handling & Transboundary, Movement) Rules 2016 & Amendments thereof)

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof, and Authorisation under the provisions of HW (MH & TM) Rules, 2016 (hereinafter referred to as 'the Acts', 'the Rules') and amendments thereof and the rules and orders made there under to **M/s. My Home Industries Pvt. Ltd., Mellacheruvu (V & M), Suryapet District** (hereinafter referred to as 'the Applicant /Industry') and the industry is authorized to operate the industrial plant to discharge the Effluents from the outlets and the quantity of Emissions per hour from the chimneys, by operating pollution control equipment, as detailed below,

**i) Out lets for discharge of Effluents:**

Outlet No.	Outlet description	Max daily discharge	Point of disposal
1	Domestic effluents 16 KLD from Unit-1+144 KLD from Unit-II+ 48 KLD from Unit-III	208 KLD	After treatment in STP of 400 KLD capacity, used for onland for plantation.

**ii) Emissions from chimneys:**

Chimney No.	Description of Chimney
1	Attached to Horizontal Rotary Kiln
2	Attached to Clinker Cooler
3	Attached to Coal mill
4	Attached to Cement mill - I
5	Packing plant / Packer
6	Clinker storage, Hopper tops, silo tops (Raw, meal and cement silos), Belt conveyor transfer points, clinker dropping etc for handling clinker, cement & gypsum
7	Attached to Horizontal Rotary Kiln
8	Attached to Clinker cooler
9	Attached to Cement mill – 2 & Cement mill – 3
10	Attached to Coal mill
11	Attached to LS crusher
12	Clinker storage, hopper tops, silo tops, belt conveyor transfer points, clinker dropping etc.
13	Attached to Horizontal Rotary Kiln of 1.4 MTPA
14	Attached to Clinker cooler – 3
15	Attached to Cement mill – 4 & Cement mill - 5
16	Attached to Coal mill – 3
17	Attached to LS crusher – 3
18	Attached to Hopper tops, silo tops, belt conveyor transfer points, clinker dropping etc.,

**HAZARDOUS WASTE AUTHORISATION**  
(FORM – II)  
[See Rule 6 (2)]

**M/s. My Home Industries Pvt. Ltd., Mellacheruvu (V & M), Suryapet District** hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

• **HAZARDOUS WASTES WITH DISPOSAL OPTION:**

S. No.	Name of the Hazardous waste	Stream	Quantity	Disposal Option.
1.	Used oils & Waste lube oil	5.1 of Schedule – I	8.0 KI/Year	Sent to authorized recyclers / reprocesses / Co-processing in kiln of cement industry.
2.	Waste grease	5.1 of Schedule – I	5000 Kg/ year	

The industry is permitted to procure the following high Calorific Value Hazardous Waste from the authorized industries and Non – Hazardous Waste from outside sources for being used in the co-processing the Cement Kiln.

S. No	Industry	Name of the Hazardous waste	Stream	Quantity
<b>HAZARDOUS WASTES</b>				
1	Pharmaceutical Industries	Process residues & Solid Waste	28.1 of Schedule – I	Coal consumption in Kiln firing – 4,11,180 TPA.  Quantity of Hazardous waste and Non-Hazardous wastes permitted - Maximum 40 % of Coal Consumption, i.e. the quantity of HW & Non-HW for Co-processing in the Kilns shall not exceed 1,64,000 TPA.
2		Spent Carbon	28.3 of Schedule – I	
3		Off-Specification products	28.4 of Schedule – I	
4		Date –expired products	28.5 of Schedule – I	
5		Spent Solvents (Solids & Liquids)	28.6 of Schedule – I	
6	Pesticide Industries	Process waste & residues	29.1 of Schedule – I	
7		Sludge containing residues	29.2 of Schedule – I	
8		Date-expired Off-specification products	29.3 of Schedule – I	
9		Spent solvents (Solids & Liquids)	29.4 of Schedule – I	
10	Automobile paint, Textile, industry, pharma, soft drink industries etc.	ETP Sludge	35.3 of Schedule – I	
11	Automobile industry / Diesel loco/ Engineering Industry	Oily rags	33.2 of Schedule – I	

12	Automobile workshops / Diesel loco / Engineering Industry	Dismantled lube/fuel oil filters	3.3 of Schedule – I
13	Soft drink Industry	Spent Carbon	--
14	Packaging Industries	Contaminated plastic waste	--
15	Fabrication Industries	Plastic & Resin waste	35.2 of Schedule – I
16	Paint manufacturing industries	Paint process waste, residues & sludge	21.1 of Schedule – I
17	Process industries, Automobile workshops	Used / Spent Oil /Waste Grease/Waste residues containing oil	5.1 &5.2 of Schedule – I
19	Automobile paint, Textile, industry, pharma, soft drink industries etc.	Mix waste suitable for co-processing	--
<b>NON- HAZARDOUS WASTES</b>			
20	Municipal waste	RDF	Non- HW
21	Sponge Iron Industries	Dolochar	Non- HW
22	Waste from tyres processing units	Carbon Black Powder	Non- HW
23	Waste handling units	Shredded waste tyres& rubber chips	Non- HW
24	Nearby areas	Biomass – (Rice husk, groundnut husk, waste wood, corn waste, mango kernels etc)	Non- HW
25	Waste handling units	Plastic Scrap	Non- HW

This consent order is valid for manufacture of the following products along with quantities as mentioned only.

Sl. No.	Products	Total
1	Clinker	3.5 MTPA
2	Cement	3.9 MTPA

The industry is permitted for usage of Domestic Petcoke – 2,00,000 TPA and Imported Petcoke – 2,00,000 TPA in Cement kiln.

This order is subject to the provisions of 'the Acts' and the Rules' and amendments made thereunder and further subject to the terms and conditions incorporated in the schedule A, B and C enclosed to this order.

This combined order of Consents and Authorization is valid for a period ending with the **30<sup>th</sup> day of June, 2026.**

**Sd/-  
MEMBER SECRETARY**

**To  
M/s. My Home Industries Pvt. Ltd.,  
Mellacheruvu (V & M),  
Suryapet District.**

**///T.C.F.B.O///**

*Bob Girish*

**SENIOR ENVIRONMENTAL ENGINEER (FAC)**

*8*

### SCHEDULE – A

1. The applicant shall make applications through online for renewal of Consent (under Water & Air Acts) and Authorisation under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts for obtaining Consent & HW Authorisation of the Board. The applicant can also apply for Auto Renewal of the CFO atleast 30 days before the expiry of this order as per the procedure and eligibility stipulated in the Board Circular dt.19.11.2015 & 08.12.2015 (available in Board's Website: <http://tspcb.cgg.gov.in/Pages/Circulars.aspx>).
2. This order is issued in line with Board's CFO & HWA (Expansion) order dated 17.08.2020. Concealing the factual data or submission of false information/ fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts. The industry shall comply with all other conditions of CFO & HWA (Expansion) order dated 17.08.2020 order is still applicable.
3. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of the Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.
4. The industry may explore the possibility of tapping the solar energy for their energy requirements.
5. The industry shall comply with the all the directions issued by the Board from time to time.
6. The Board reserves its right to modify above conditions or stipulate any further conditions and to take action including revoke of this order in the interest of protection of public health and environment.

### SCHEDULE – B

1. Total Water Consumption shall not exceed 1490 KLD

S. No	Purpose	Quantity (KLD)
1	Process	450
2	Cooling	540
3	Dust suppression	60
4	Domestic	260
5	Gardening/Irrigation	180
	<b>Total:</b>	<b>1490 KLD</b>

2. The effluent discharged shall comply with the tolerance limits mentioned below:

(A)

Outlet	Parameter	Limiting Standards
1	pH	6.5 – 8.5
	Total Suspended Solids	100 mg/l
	Oil and Grease	10 mg/l
	Biochemical Oxygen Demand (3 days at 27 <sup>o</sup> C)	100 mg/l
	Chemical Oxygen Demand	250 mg/l
	Total Dissolved Solids (TDS)	2100 mg/l

## B. Service waste water (with co-processing wastes)

All efforts shall be made by the industry for 'Zero discharge' of service wastewater and in case, the industry prefers to discharge service wastewater, the following norms shall be complied with:

Parameter	Concentration not to exceed, milligram per litre (except pH and temperature)
pH	5.5 to 9.0
Suspended Solids	100
Oil & Grease	10
Temperature	Not more than 5°C higher than the intake water temperature

## C- Storm Water

- (I) Storm-water shall not be allowed to mix with effluent, treated sewage, scrubber water and or floor washings.
  - (II) Storm-water within battery limits of industry shall be channelized through separate drain(s).
3. The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

### (A)

Chimney Nos.	Parameter	Emission Standards (mg/Nm <sup>3</sup> )
1 to 17	Particulate Matter	30 mg/Nm <sup>3</sup>
1, 7 & 13	Sulphur Dioxide (SO <sub>2</sub> )	100 mg/Nm <sup>3</sup> , 700 mg/Nm <sup>3</sup> and 1000 mg/Nm <sup>3</sup> , when pyritic Sulphur in the Lime Stone is less than 0.25%, 0.25 to 0.5% and more than 0.5% respectively.
	Nitrogen Dioxide (NO <sub>x</sub> )	800 mg/Nm <sup>3</sup> for Rotary Kiln with in Line Calciner (ILC) Technology.
	HCl	10 mg/Nm <sup>3</sup>
	HF	1 mg/Nm <sup>3</sup>
	TOC	10 mg/Nm <sup>3**</sup>
	Hg and its compounds	0.05 mg/Nm <sup>3</sup>
	Cd +Tl and their compounds	0.05 mg/Nm <sup>3</sup>
	Sb+As+Pb +Co+Cr+ Cu+Mn+Ni+V and their compounds	0.5 mg/Nm <sup>3</sup>
Dioxins and Furans	0.1 ngTEQ/Nm <sup>3</sup>	

**Note:** The abbreviations used in the above Table shall mean as under:

SO<sub>2</sub> - Sulphur Dioxide; NO<sub>x</sub> – Oxides of Nitrogen; HCl – Hydrogen Chloride; HF – Hydrogen Flouride; TOC – Total Organic Carbon; Hg – Mercury; Cd – Cadmium; Tl – Thallium; Sb- Antimony; As – Arsenic; Pb – Lead; Co- Cobalt; Cr- Chromium; Cu- Copper; Mn- Manganese; Ni- Nickel; and V- Vanadium.

(B) The height of each individual stack connected to Kiln, Clinker Cooler, Cement Mill, Coal Mill, Raw Mill, Packaging section, etc. shall be of a minimum of 30 metres or, as per the formula,  $H=14(Q1)^{0.3}$  and  $H=74(Q2)^{0.27}$ , whichever is more, where "H" is the height of stack in metres and "Q1" is the maximum quantity of SO<sub>2</sub> expected to be emitted in kg/hr and "Q2" is the maximum quantity of PM expected to be emitted in Tonnes/hr through the stack at 100 percent rated capacity of the plant;

(C) The monitored values of SO<sub>2</sub>, NO<sub>x</sub>, HCl, HF, TOC, Metals and Dioxins and Furans at main Kiln stack shall be corrected to 10% Oxygen, on dry basis and the norms for SO<sub>2</sub>, NO<sub>x</sub>, HCl, HF, TOC, Metals and Dioxins and Furans shall be applicable to the main Kiln Stack and the norms for Particulate Matter (PM) shall be applicable to all the stacks in the plant. PM, SO<sub>2</sub>, NO<sub>x</sub> shall be monitored continuously. HCl, HF, TOC, Metals and Dioxins and Furans shall be monitored once in a year.

(D) Scrubber meant for scrubbing emissions shall not be used as quencher and plants having separate stack for gaseous emission for the scrubbing unit, the height of this stack shall be atleast equal to the main stack.

4. Load of Mass based standard: Particulate Matter from Raw Mill, Kiln and Pre-Calcliner system put together - 0.125 kg/tonne of Clinker.
5. The industry shall not manufacture any un-consented products and exceeding capacities without obtaining prior Consent for Establishment (CFE) and Consent for Operation (CFO) of the Board.
6. The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10um) - 100 ug/ m<sup>3</sup>; PM2.5(Particulate Matter size less than 2.5 um) - 60 ug/ m<sup>3</sup>; SO<sub>2</sub> - 80 ug/ m<sup>3</sup>; NO<sub>x</sub> – 80 ug/m<sup>3</sup>, outside the factory premises at the periphery of the industry.

Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009.

Noise Levels: Day time- (6 AM to 10 PM) - 75 dB (A)  
Night time - (10 PM to 6 AM) - 70 dB (A).

7. The industry has paid CFO fee of Rs. 99,21,400/- for a period upto 30.06.2026.
8. The industry either paying annual fee or total fee for Consented period, shall pay the balance fee as per the revised rates as applicable from time to time.
9. The industry shall maintain online AAQM and stack monitoring systems for Kiln and raw mill, Clinker cooler, Coal mill & Cement mills and connect the data to the TSPCB server.
10. The industry shall maintain dust suppression system at all fugitive dust generating points to meet the AAQM standards.
11. The industry shall take up regular cleaning of internal roads to avoid fugitive dust emissions due to vehicular movement.
12. The industry shall store all the raw materials in closed sheds to avoid fugitive emissions.
13. The industry should provide water sprinklers at various dust generating points.
14. The industry shall completely recycle the cooling waste water and shall operate STP for treatment of domestic effluents and treated effluents shall be used for plantation. Records shall be maintained for STP operation.
15. The industry shall maintain dust collection and extraction system to control fugitive emissions at various transfer points and the dust collected from pollution control equipments should be recycled back into the process.
16. The industry shall maintain interlocking system for Air Pollution Control Equipments provided with raw material feeding system so that the feeding of raw material would be stopped incase of the air pollution control equipments fails.
17. The industry should maintain the records on captive consumption of clinker produced, fly ash utilization & cement production etc., and the consolidated records should be furnished to concerned RO every month.
18. As per the Directions issued by the Hon'ble National Green Tribunal (NGT), Principal Bench, New Delhi in Original Application (OA) No. 199 of 2014 vide Judgement dt. 22.12.2016, in the matter of Management of Municipal Solid Waste in Local Bodies, the industry shall buy and use Refused Derived Fuel (RDF) as fuel in the Cement Plant, generated from the RDF Plants located within a 100 Km radius of the Cement Plant."
19. The industry shall comply with load of Mass based standard for Particulate Matter i.e., SPM emissions from Raw Mill, Kiln and Pre-Calcliner system put together - 0.125 kg/tonne of Clinker.

20. The industry shall operate the Air Pollution Control Equipments regularly and maintain the log registers.
21. The industry shall provide water meters for recording the water consumption for recording category-wise water consumption.
22. The industry shall not discharge any wastewater outside the plant premises.
23. The industry shall maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.
24. The industry shall maintain greenbelt around the plant premises, as per the norms.
25. The industry shall submit quarterly report on usage of domestic petcoke / imported petcoke to the RO, Naglonda and to the Board Office.
26. All the roads in the plant area shall be asphalted / concreted and water should be sprayed to reduce fugitive dust emissions.
27. The industry shall not store dry Gypsum in open area.
28. The industry shall comply with the Task Force directions issued from time to time.
29. The industry shall carryout co-processing of Hazardous waste and comply the stipulated emission standards therein.
30. The industry shall maintain bag filters for de-dusting of additional blending silo, cement silos, fly ash silo & packing plants and other transfer points to control fugitive emissions.
31. The industry shall submit consolidated statement of Production details, effluent generated & effluent treated, Hazardous/ solid waste generated & disposed, Hazardous/ solid waste received from various industries/ outside sources & co-processed, records of operation of pollution control equipment on monthly basis to the Concerned Regional Officer and daily records (RG-I records, Central Excise Returns etc) shall also be made available to the Board Officials during the inspection.
32. The applicant shall submit Environment Statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
33. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991, should be followed.
34. The conditions stipulated in this Order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.

#### **SCHEDULE - C**

[see rule 6(2)]

#### **[SPECIAL CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING HAZARDOUS WASTES]**

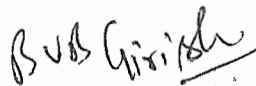
1. The industry shall give top priority for waste minimization and cleaner production practices.
2. The industry shall not store hazardous waste for more than 90 days as per the Hazardous and other Wastes (Management, Handling and Transboundary Movement) Rules, 2016 and amendments thereof. The industry shall maintain 6 copy manifest system for transportation of waste generated and copies of receipt of Consignee shall be submitted to the Concerned Regional office. The industry shall maintain proper records for Hazardous Wastes stated in Authorisation in FORM-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form- 4 as per Rule 20(2) of the Hazardous and other Wastes (Management, Handling & Transboundary Movement) Rules, 2016 and amendments thereof.

3. The industry shall accept the hazardous waste for co-processing with the characteristics as per the CPCB guidelines. The industry shall submit the analysis reports of the Hazardous Waste co-processed to concerned Regional Office every month. The industry shall submit the actual quantity of hazardous waste co-processed every month to the concerned Regional Office.
4. The industry shall take prior permission of CPCB & SPCB for co-processing of any other hazardous waste.
5. The industry shall provide adequate storage space for the hazardous waste in accordance with Hazardous Waste Rules and guidelines for storage of hazardous waste. The occupier shall also ensure that there is no leveling of any pollutant.
6. The industry shall take the hazardous waste only from authorized generators.
7. The industry shall dispose /sell the Hazardous Waste to only industries/agencies authorized by the State Pollution Control Boards. The industry shall verify the authorization of the Board given to the Party before disposing its waste to the External Party.
8. The industry shall maintain proper records for Hazardous Wastes disposal and its concurrence with authorization. In case of variation in generation, industry shall submit explanation and obtain amendment in Environmental Clearance/ CFE/CFO in this regard.
9. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal. Waste oils shall be disposed to the authorized Reprocessors/ Recyclers and Used Lead Acid Batteries shall be disposed to the manufacturers / dealers on buyback basis. The industry shall take necessary practical steps for prevention of oil spillages and carryover of oil from the premises. The industry shall check the Certificate/ Authorisation/order of MoEF issued to the Re-user/Recycle units while disposing the waste oil.
10. The industry shall dispose of e-waste to the authorised recyclers only.
11. The industry shall maintain good housekeeping.
12. The industry shall submit the condition wise compliance report of the conditions stipulated in Schedule B & C of this Order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.

**Sd/-  
MEMBER SECRETARY**

**To  
M/s. My Home Industries Pvt. Ltd.,  
Mellacheruvu (V & M),  
Suryapet District.**

///T.C.F.B.O///



 **SENIOR ENVIRONMENTAL ENGINEER (FAC)**





**CONSENT & HWA ORDER (EXPANSION)**

**Consent Order No : 200522493149**

**Date :17.08.2020**

*(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof, Operation of the plant under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation / Renewal of Authorisation under Rule 6 of the Hazardous Wastes (Management, Handling & Transboundary, Movement) Rules 2016 & Amendments thereof)*

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof, and Authorisation under the provisions of HW (MH & TM) Rules, 2016 (hereinafter referred to as 'the Acts', 'the Rules') and amendments thereof and the rules and orders made there under to **M/s. My Home Industries Pvt. Ltd., (Formerly M/s. My Home Industries Ltd.) (Plant) (Unit - I, II & III), Mellacheruvu (V & M), Suryapet District** (hereinafter referred to as 'the Applicant /Industry') and the industry is authorized to operate the industrial plant to discharge the Effluents from the outlets and the quantity of Emissions per hour from the chimneys, by operating pollution control equipment, as detailed below,

**i) Out lets for discharge of Effluents:**

Outlet No.	Outlet Description	Max Daily Discharge (KLD)	Point of Disposal
1	Domestic effluents (16 KLD from Unit-1+144 KLD from Unit-II+ 48 KLD from Unit-III)	208 KLD	After treatment in STP of 400 KLD capacity, used for onland for plantation

**ii) Emissions from chimneys:**

Chimney No.	Description of Chimney
	<b>Unit - I</b>
1	Attached to Horizontal Rotary Kiln of 2000 TPD
2	Attached to Clinker Cooler
3	Attached to Coal mill of 12 TPH
4	Attached to Cement mill of 52 TPH
5	Packing plant / Packer
6	Clinker storage, Hopper tops, silo tops (Raw, meal and cement silos), Belt conveyor transfer points, clinker dropping etc for handling clinker, cement & gypsum
	<b>Unit - II</b>
7	Attached to Horizontal Rotary Kiln of 2800 TPD
8	Attached to Clinker cooler
9	Attached to Cement mill – 2 & Cement mill – 3 of 110 TPH
10	Attached to Coal mill of 20 TPH
11	Attached to LS crusher of 850 TPH
12	Attached to Coal Crusher of 20 TPH
13	Clinker storage, hopper tops, silo tops, belt conveyor transfer points, clinker dropping etc.
	<b>Unit - III</b>
14	Attached to Horizontal Rotary Kiln of 1.2 MTPA
15	Attached to Clinker cooler – 3
16	Attached to Cement mill – 4 & Cement mill - 5
17	Attached to Coal mill – 3

Unit - IV	
18	Attached to LS crusher – 3
19	Attached to Coal crusher
20	Attached to Hopper tops, silo tops, belt conveyor transfer points, clinker dropping etc.,
21	Attached to DG sets of capacity 2 x 1944 KVA + 1 x 125 KVA (Common for unit– I, II & III)

iii) HW Authorisation No. : 200522493149

Date :17.08.2020

**HAZARDOUS WASTE AUTHORISATION  
(FORM – II)  
[See Rule 6 (2)]**

M/s. My Home Industries Pvt. Ltd., (Formerly M/s. My Home Industries Ltd.) (Plant) (Unit - I, II & III), Mellacheruvu (V & M), Suryapet District hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

• **HAZARDOUS WASTES WITH DISPOSAL OPTION:**

S. No.	Name of the Hazardous waste	Stream	Quantity	Disposal Option.
1.	Used oils & Waste lube oil	5.1 of Schedule – I	8.0 KI/Year	Authorized Reprocessors / Recyclers.
2.	Waste grease	5.1 of Schedule – I	5000 Kg/ year	
3.	Hy-chrome forged grinding media	13.1 of Schedule – I	9.5 TPA	

The industry is permitted to procure the following high Calorific Value Hazardous Waste from the authorized industries and Non – Hazardous Waste from outside sources for being used in the co-processing the Cement Kiln.

S. No	Industry	Name of the Hazardous waste	Stream	Quantity
<b>HAZARDOUS WASTES</b>				
1	Pharmaceutical Industries	Process residues & Solid Waste	28.1 of Schedule – I	Coal consumption in Kiln firing – 4,11,180 TPA.
2		Spent Carbon	28.3 of Schedule – I	
3		Off-Specification products	28.4 of Schedule – I	
4		Date –expired products	28.5 of Schedule – I	Quantity of Hazardous waste and Non-Hazardous wastes permitted - Maximum 40 % of Coal Consumption, i.e. the quantity of HW & Non-HW for Co-processing in the Kilns shall not exceed 1,64,000 TPA.
5		Spent Solvents (Solids & Liquids)	28.6 of Schedule – I	
6		Pesticide Industries	Process waste & residues	
7	Sludge containing residues		29.2 of Schedule – I	
8	Date-expired Off-specification products		29.3 of Schedule – I	
9		Spent solvents (Solids & Liquids)	29.4 of Schedule – I	
10	Automobile paint, Textile, industry, pharma, soft drink industries etc.	ETP Sludge	35.3 of Schedule – I	

11	Automobile industry / Diesel loco/ Engineering Industry	Oily rags	33.2 of Schedule – I
12	Automobile workshops / Diesel loco / Engineering Industry	Dismantled lube/fuel oil filters	3.3 of Schedule – I
13	Soft drink Industry	Spent Carbon	--
14	Packaging Industries	Contaminated plastic waste	--
15	Fabrication Industries	Plastic & Resin waste	35.2 of Schedule – I
16	Paint manufacturing industries	Paint process waste, residues & sludge	21.1 of Schedule – I
17	Process industries, Automobile workshops	Used / Spent Oil /Waste Grease/Waste residues containing oil	5.1 & 5.2 of Schedule – I
19	Automobile paint, Textile, industry, pharma, soft drink industries etc.	Mix waste suitable for co-processing	--
<b>NON- HAZARDOUS WASTES</b>			
20	Municipal waste	RDF	Non- HW
21	Sponge Iron Industries	Dolochar	Non- HW
22	Waste from tyres processing units	Carbon Black Powder	Non- HW
23	Waste handling units	Shredded waste tyres & rubber chips	Non- HW
24	Nearby areas	Biomass – (Rice husk, groundnut husk, waste wood, corn waste, mango kernels etc)	Non- HW
25	Waste handling units	Plastic Scrap	Non- HW

This consent order is valid for manufacture of the following products along with quantities as mentioned only.

Sl. No.	Products	Total after expansion
<b>Unit – I</b>		
1	Clinker	0.800 MTPA
2	Cement	0.792 MTPA
<b>Unit – II</b>		
1	Clinker	1.300 MTPA
2	Cement	1.108 MTPA
<b>Unit – III</b>		
1	Clinker	1.40 MTPA
2	Cement	2.0 MTPA

The industry is permitted for usage of Domestic Petcoke – 2,00,000 TPA and Imported Petcoke – 2,00,000 TPA in Cement kiln.

This order is subject to the provisions of 'the Acts' and the Rules' and amendments made thereunder and further subject to the terms and conditions incorporated in the schedule A, B and C enclosed to this order.

This combined order of Consents and Authorization is valid for a period ending with the 30<sup>th</sup> day of June, 2021.

Sd/-  
MEMBER SECRETARY

To  
M/s. My Home Industries Pvt. Ltd.,  
(Formerly M/s. My Home Industries Ltd.)  
(Plant) (Unit - I, II & III), Mellacheruvu (V & M),  
Suryapet District

///T.C.F.B.O///

  
ENVIRONMENTAL ENGINEER

## SCHEDULE – A

1. The applicant shall make applications through online for renewal of Consent (under Water & Air Acts) and Authorisation under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts for obtaining Consent & HW Authorisation of the Board. The applicant can also apply for Auto Renewal of the CFO atleast 30 days before the expiry of this order as per the procedure and eligibility stipulated in the Board Circular dt.19.11.2015 & 08.12.2015 (available in Board's Website: <http://tspcb.cgg.gov.in/Pages/Circulars.aspx>).
2. This order is issued in line with Board's CFO & HWA order dated 14.07.2016 and CFE (Expansion) order dt.19.05.2020. Concealing the factual data or submission of false information/ fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts. The industry shall comply with all other conditions of CFO & HWA order dated 14.07.2016 and CFE (Expansion) order dt.19.05.2020.still applicable.
3. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of the Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.
4. The industry may explore the possibility of tapping the solar energy for their energy requirements.
5. The industry shall comply with the all the directions issued by the Board from time to time.
6. The Board reserves its right to modify above conditions or stipulate any further conditions and to take action including revoke of this order in the interest of protection of public health and environment.

## SCHEDULE – B

1. Total Water Consumption shall not exceed 1490 KLD

S. No	Purpose	Quantity (KLD)
1	Process	450 KLD
2	Cooling	540 KLD
3	Dust suppression	60 KLD
4	Domestic	260 KLD
5	Gardening/Irrigation	180 KLD
	<b>Total:</b>	<b>1490</b>

2. The effluent discharged shall comply with the tolerance limits mentioned below:

(A)

Outlet	Parameter	Limiting Standards
1	pH	6.5 – 8.5
	Total Suspended Solids	100 mg/l
	Oil and Grease	10 mg/l
	Biochemical Oxygen Demand (3 days at 27 <sup>o</sup> C)	100 mg/l
	Chemical Oxygen Demand	250 mg/l
	Total Dissolved Solids (TDS)	2100 mg/l

### **B. Service waste water (with co-processing wastes)**

All efforts shall be made by the industry for 'Zero discharge' of service wastewater and in case, the industry prefers to discharge service wastewater, the following norms shall be complied with:

Parameter	Concentration not to exceed, milligram per litre (expect pH and temperature)
pH	5.5 to 9.0
Suspended Solids	100
Oil & Grease	10
Temperature	Not more than 5°C higher than the intake water temperature

### C- Storm Water

- (I) Storm-water shall not be allowed to mix with effluent, treated sewage, scrubber water and or floor washings.
- (II) Storm-water within battery limits of industry shall be channelized through separate drain(s).
3. The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

#### (A)

Chimney Nos.	Parameter	Emission Standards (mg/Nm <sup>3</sup> )
1 to 19	Particulate Matter	30 mg/Nm <sup>3</sup>
1, 7 & 14	Sulphur Dioxide (SO <sub>2</sub> )	100 mg/Nm <sup>3</sup> , 700 mg/Nm <sup>3</sup> and 1000 mg/Nm <sup>3</sup> , when pyritic Sulphur in the Lime Stone is less than 0.25%, 0.25 to 0.5% and more than 0.5% respectively.
	Nitrogen Dioxide (NO <sub>x</sub> )	800 mg/Nm <sup>3</sup> for Rotary Kiln with in Line Calciner (ILC) Technology.
	HCl	10 mg/Nm <sup>3</sup>
	HF	1 mg/Nm <sup>3</sup>
	TOC	10 mg/Nm <sup>3**</sup>
	Hg and its compounds	0.05 mg/Nm <sup>3</sup>
	Cd +Tl and their compounds	0.05 mg/Nm <sup>3</sup>
	Sb+As+Pb +Co+Cr+ Cu+Mn+Ni+V and their compounds	0.5 mg/Nm <sup>3</sup>
Dioxins and Furans	0.1 ngTEQ/Nm <sup>3</sup>	

**Note:** The abbreviations used in the above Table shall mean as under:

SO<sub>2</sub> - Sulphur Dioxide; NO<sub>x</sub> – Oxides of Nitrogen; HCl – Hydrogen Chloride; HF – Hydrogen Flouride; TOC – Total Organic Carbon; Hg – Mercury; Cd – Cadmium; Tl – Thallium; Sb- Antimony; As – Arsenic; Pb – Lead; Co- Cobalt; Cr- Chromium; Cu- Copper; Mn- Manganese; Ni- Nickel; and V- Vanadium.

- (B) The height of each individual stack connected to Kiln, Clinker Cooler, Cement Mill, Coal Mill, Raw Mill, Packaging section, etc. shall be of a minimum of 30 metres or, as per the formula,  $H=14 (Q1)^{0.3}$  and  $H= 74 (Q2)^{0.27}$ , whichever is more, where "H" is the height of stack in metres and "Q1" is the maximum quantity of SO<sub>2</sub> expected to be emitted in kg/hr and "Q2" is the maximum quantity of PM expected to be emitted in Tonnes/hr through the stack at 100 percent rated capacity of the plant;
- (C) The monitored values of SO<sub>2</sub>, NO<sub>x</sub>, HCl, HF, TOC, Metals and Dioxins and Furans at main Kiln stack shall be corrected to 10% Oxygen, on dry basis and the norms for SO<sub>2</sub>, NO<sub>x</sub>, HCl, HF, TOC, Metals and Dioxins and Furans shall be applicable to the main Kiln Stack and the norms for Particulate Matter (PM) shall be applicable to all the stacks in the plant. PM, SO<sub>2</sub>, NO<sub>x</sub> shall be monitored continuously. HCl, HF, TOC, Metals and Dioxins and Furans shall be monitored once in a year.
- (D) Scrubber meant for scrubbing emissions shall not be used as quencher and plants having separate stack for gaseous emission for the scrubbing unit, the height of this stack shall be atleast equal to the main stack.

4. **Load of Mass based standard:** Particulate Matter from Raw Mill, Kiln and Pre-Calcliner system put together - **0.125 kg/tonne of Clinker.**
5. The industry shall not manufacture any un-consented products and exceeding capacities without obtaining prior Consent for Establishment (CFE) and Consent for Operation (CFO) of the Board.
6. The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10um) - 100 ug/ m<sup>3</sup>; PM2.5(Particulate Matter size less than 2.5 um) - 60 ug/ m<sup>3</sup>; SO<sub>2</sub> - 80 ug/ m<sup>3</sup>; NO<sub>x</sub> – 80 ug/m<sup>3</sup>, outside the factory premises at the periphery of the industry.

Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009.

Noise Levels: Day time - (6 AM to 10 PM) - 75 dB (A)  
Night time - (10 PM to 6 AM) - 70 dB (A).

7. The Industry shall pay balance consent fee annually as per rates notified in G.O.Ms.No.22. The payment of annual consent fee shall be made at the concerned RO for every financial year (i.e., April to March) within the stipulated time period i.e., 1st quarter of every financial year (April to June) is mandatory for the industry / project, failing which, the validity of the Consent Order automatically stands cancelled and operation industry / project without valid consent attracts penal action under the provision of Water Act, Air Act & Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016”.
8. The industry either paying annual fee or total fee for Consented period, shall pay the balance fee as per the revised rates as applicable from time to time.
9. The industry shall maintain online AAQM and stack monitoring systems for Kiln and raw mill, Clinker cooler, Coal mill & Cement mills and connect the data to the TSPCB server.
10. The industry shall maintain dust suppression system at all fugitive dust generating points to meet the AAQM standards.
11. The industry shall take up regular cleaning of internal roads to avoid fugitive dust emissions due to vehicular movement.
12. The industry shall store all the raw materials in closed sheds to avoid fugitive emissions.
13. The industry should provide water sprinklers at various dust generating points.
14. The industry shall completely recycle the cooling waste water and shall operate STP for treatment of domestic effluents and treated effluents shall be used for plantation. Records shall be maintained for STP operation.
15. The industry shall maintain dust collection and extraction system to control fugitive emissions at various transfer points and the dust collected from pollution control equipments should be recycled back into the process.
16. The industry shall maintain interlocking system for Air Pollution Control Equipments provided with raw material feeding system so that the feeding of raw material would be stopped in case of the air pollution control equipments fails.
17. The industry should maintain the records on captive consumption of clinker produced, fly ash utilization & cement production etc., and the consolidated records should be furnished to concerned RO every month.
18. As per the Directions issued by the Hon'ble National Green Tribunal (NGT), Principal Bench, New Delhi in Original Application (OA) No. 199 of 2014 vide Judgement dt. 22.12.2016, in the matter of Management of Municipal Solid Waste in Local Bodies, the industry shall buy and use Refused Derived Fuel (RDF) as fuel in the Cement Plant, generated from the RDF Plants located within a 100 Km radius of the Cement Plant.”

19. The industry shall comply with load of Mass based standard for Particulate Matter i.e., SPM emissions from Raw Mill, Kiln and Pre-Calciner system put together - 0.125 kg/tonne of Clinker.
20. The industry shall operate the Air Pollution Control Equipments regularly and maintain the log registers.
21. The industry shall provide water meters for recording the water consumption for recording category-wise water consumption.
22. The industry shall not discharge any wastewater outside the plant premises.
23. The industry shall maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.
24. The industry shall maintain greenbelt around the plant premises, as per the norms.
25. The industry shall submit quarterly report on usage of domestic petcoke / imported petcoke to the RO, Naglonda and to the Board Office.
26. All the roads in the plant area shall be asphalted / concreted and water should be sprayed to reduce fugitive dust emissions.
27. The industry shall not store dry Gypsum in open area.
28. The industry shall comply with the Task Force directions issued from time to time.
29. The industry shall carryout co-processing of Hazardous waste and comply the stipulated emission standards therein.
30. The industry shall maintain bag filters for de-dusting of additional blending silo, cement silos, fly ash silo & packing plants and other transfer points to control fugitive emissions.
31. The industry shall submit consolidated statement of Production details, effluent generated & effluent treated, Hazardous/ solid waste generated & disposed, Hazardous/ solid waste received from various industries/ outside sources & co-processed, records of operation of pollution control equipment on monthly basis to the Concerned Regional Officer and daily records (RG-I records, Central Excise Returns etc) shall also be made available to the Board Officials during the inspection.
32. The applicant shall submit Environment Statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
33. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991, should be followed.
34. The conditions stipulated in this Order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.

**SCHEDULE - C**  
**[see rule 6(2)]**  
**[SPECIAL CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR**  
**HANDLING HAZARDOUS WASTES]**

1. The industry shall give top priority for waste minimization and cleaner production practices.
2. The industry shall not store hazardous waste for more than 90 days as per the Hazardous and other Wastes (Management, Handling and Transboundary Movement) Rules, 2016 and amendments thereof. The industry shall maintain 6 copy manifest system for transportation of waste generated and copies of receipt of Consignee shall be submitted to the Concerned Regional office. The industry shall maintain proper records for Hazardous Wastes stated in Authorisation in FORM-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form- 4 as per Rule 20(2) of the Hazardous and other Wastes (Management, Handling & Transboundary Movement) Rules, 2016 and amendments thereof.

3. The industry shall accept the hazardous waste for co-processing with the characteristics as per the CPCB guidelines. The industry shall submit the analysis reports of the Hazardous Waste co-processed to concerned Regional Office every month. The industry shall submit the actual quantity of hazardous waste co-processed every month to the concerned Regional Office.
4. The industry shall take prior permission of CPCB & SPCB for co-processing of any other hazardous waste.
5. The industry shall provide adequate storage space for the hazardous waste in accordance with Hazardous Waste Rules and guidelines for storage of hazardous waste. The occupier shall also ensure that there is no leveling of any pollutant.
6. The industry shall take the hazardous waste only from authorized generators.
7. The industry shall dispose /sell the Hazardous Waste to only industries/agencies authorized by the State Pollution Control Boards. The industry shall verify the authorization of the Board given to the Party before disposing its waste to the External Party.
8. The industry shall maintain proper records for Hazardous Wastes disposal and its concurrence with authorization. In case of variation in generation, industry shall submit explanation and obtain amendment in Environmental Clearance/ CFE/CFO in this regard.
9. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal. Waste oils shall be disposed to the authorized Reprocessors/ Recyclers and Used Lead Acid Batteries shall be disposed to the manufacturers / dealers on buyback basis. The industry shall take necessary practical steps for prevention of oil spillages and carryover of oil from the premises. The industry shall check the Certificate/ Authorisation/order of MoEF issued to the Re-user/Recycle units while disposing the waste oil.
10. The industry shall dispose of e-waste to the authorised recyclers only.
11. The industry shall maintain good housekeeping.
12. The industry shall submit the condition wise compliance report of the conditions stipulated in Schedule B & C of this Order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.

**Sd/-**  
**MEMBER SECRETARY**

**To**  
**M/s. My Home Industries Pvt. Ltd.,**  
**(Formerly M/s. My Home Industries Ltd.)**  
**(Plant) (Unit - I, II & III), Mellacheruvu (V & M),**  
**Suryapet District.**

///T.C.F.B.O///

  
**ENVIRONMENTAL ENGINEER**





**REGD.POST WITH ACK.DUE**  
**AMENDMENT TO CFO & HWA ORDER**

**Order No : TSPCB/CFO/RO-NLG/HO/2020-**

**Date :11.02.2020**

Sub: TSPCB – Unit-I – M/s. My Home Industries Pvt. Ltd., (Formerly M/s. My Home Industries Ltd.) (Plant) (Unit-I, II & III), Mellacheruvu Village and Mandal, Nalgonda District – Amendment to CFO & HWA order for usage of Pet Coke – Issued - Reg.

- Ref: 1) CFO & HWA order No. TSPCB/RCP/HO/CFO& HWA/2016-975, dt.14.07.2016 & Admendment to CFO & HWA order dt. 09.01.2017 & 14.02.2017.  
2) G.O.Ms.No.35, dt. 25.09.2017 issued by EFS&T Department.  
3) MoEF Guidelines OM No.Q-18011/54/2018-CPA, GoI, MoEF&CC (CP Division) dt.10.09.2018.  
4) Industry's request e-mail dt. 23.11.2019  
5) CFO Committee meeting held on 24.12.2019.  
6) Industry's request letter dt. 24.12.2019

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In the reference 1<sup>st</sup> & 2<sup>nd</sup> cited, the Board issued CFO & HWA to M/s. My Home Industries Pvt. Ltd., (Formerly M/s. My Home Industries Ltd.) (Plant) (Unit-I, II & III), Mellacheruvu (V&M), Nalgonda District vide order dt: 14.07.2016 to manufacture of Clinker & Cement which is valid upto 30.07.2021 and also issued amendment to CFO & HWA for usage of Petcoke and Refused derived fuel.

The industry vide e-mail dt. 23.11.2019 requested the Board to permit for usage of Imported Pet Coke of capacity 2,00,000 TPA as fuel.

The issue was reviewed in the CFO Committee meeting held on 24.12.2019. After discussions, the Committee recommended to issue amendment CFO & HWA order for usage of Domestic Petcoke and Imported Petcoke.

Subsequently, the industry vide Ir.dt. 24.12.2019 requested the Board to permit Domestic Petcoke- 2,00,000 TPA and Imported Petcoke – 2,000,000 TPA.

In view of the above, the Board hereby issues amendment to CFO & HWA order issued vide reference 1<sup>st</sup> cited as follows with a condition that the industry shall submit monthly reports on usage of Imported Petcoke to RO, Nalgonda, TSPCB.

**“Permitted for usage of Domestic Petcoke – 2,00,000 TPA and Imported Petcoke - 2,00,000 TPA in Cement kiln”.**

All other conditions and validity of CFO & HWA order issued vide reference 1<sup>st</sup> cited remain the same.

**Sd/-**  
**MEMBER SECRETARY**

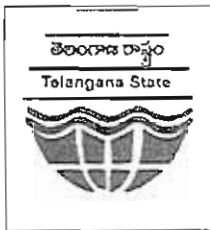
To  
M/s. My Home Industries Pvt. Ltd.,  
(Formerly M/s. My Home Industries Ltd.)  
Plant - (Unit-I, II & III), Mellacheruvu (V & M),  
Nalgonda District

**Copy to:**

1. The JCEE, Zonal Office, R.C. Puram for information and necessary action.
2. The E.E., Regional Office, Nalgonda for information and necessary action

**///T.C.F.B.O///**

  
**ENVIRONMENTAL ENGINEER**



TELANGANA STATE POLLUTION CONTROL BOARD

Paryavarana Bhavan, A-3, Industrial Estate,  
Sanathnagar, Hyderabad - 500018

Ph: 040-23887500

Fax: 040- 23815631

Website: tspcb.cgg.gov.in

REGD.POST WITH ACK.DUE

Order No.TSPCB/RCP/HO/CFO/2017 - 3090

Dt:14.02.2017

**Sub:** TSPCB - CFO - M/s. My Home Industries Pvt. Ltd., (Unit-I, II & III), Mellacheruvu(V&M), Suryapet District. - Amendment to the CFO & HWA Order - Issued - Reg.

- Ref:**
- 1) CFO & HWA Order No. TSPCB/ RCP/ HO/ CFO&HWA /2016-975 dt. 14.07.2016.
  - 2) Amendment Order issued by the Board vide Order No. TSPCB/RCP/NLG/HO/CFO/2016-2715 dt.09.01.2017.
  - 3) Directions issued by the Hon'ble NGT, New Delhi in Original Application (OA) No. 199 of 2014, dt. 22.12.2016.

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The Board vide reference 1<sup>st</sup> cited, issued CFO & HWA Order to the industry for manufacturing of Clinker & Cement, with validity upto 30.06.2021. The Board issued Amendment to the CFO & HWA Order vide reference 2<sup>nd</sup> cited, permitting the industry for utilization of Pet Coke as fuel, in addition to Coal in their Cement Kilns.

The Hon'ble National Green Tribunal (NGT), Principal Bench, New Delhi has issued certain directions to the State Govt. vide reference 3<sup>rd</sup> cited, in Original Application (OA) No. 199 of 2014, in the matter of Management of Municipal Solid Waste in Local Bodies, making it mandatory for the power generation and the Cement Plants to buy and use Refused Derived Fuel (RDF) as fuel in their plants, wherever such plants are located within a 100 Km radius of the facility.

In view of the above Directions of the Hon'ble NGT, New Delhi vide reference 3<sup>rd</sup> cited, the Board hereby issues amendment to CFO & HWA Order issued vide reference 1<sup>st</sup> & 2<sup>nd</sup> cited as follows:

**Amendment issued to the CFO & HWA Order dt: 14.07.2016 & Amendment Order dt. 09.01.2017 (Reference 1<sup>st</sup> & 2<sup>nd</sup> cited):**

**(I). The table (A) of condition no.4 of the CFO & HWA Order dt. 14.07.2016 shall be substituted & read as follows:**

(A)

Chimney Nos.	Parameter	Emission Standards (mg/Nm <sup>3</sup> )
1 to 19	Particulate Matter	50 mg/Nm <sup>3</sup>
		30 mg/Nm <sup>3</sup> (The timeline for compliance of the standard is 31.03.2017)

1, 7 & 14	Sulphur Dioxide (SO <sub>2</sub> )	100 mg/Nm <sup>3</sup> (The timeline for compliance of the standard is 31.03.2017)
	Oxides of Nitrogen (NO <sub>x</sub> )	800 mg/Nm <sup>3</sup> for Rotary Kiln with In-Line Calciner (ILC) Technology. (The timeline for compliance of the standard is 31.03.2017)
	HCl	10 mg/Nm <sup>3</sup>
	HF	1 mg/Nm <sup>3</sup>
	TOC	10 mg/Nm <sup>3**</sup>
	Hg and its compounds	0.05 mg/Nm <sup>3</sup>
	Cd +Tl and their compounds	0.05 mg/Nm <sup>3</sup>
	Sb+As+Pb +Co+Cr+ Cu+Mn+Ni+V and their compounds	0.5 mg/Nm <sup>3</sup>
	Dioxins and Furans	0.1 ngTEQ/Nm <sup>3</sup>

**Note:** The abbreviations used in the above Table shall mean as under:

SO<sub>2</sub> - Sulphur Dioxide; NO<sub>x</sub> – Oxides of Nitrogen; HCl – Hydrogen Chloride; HF – Hydrogen Flouride; TOC – Total Organic Carbon; Hg – Mercury; Cd – Cadmium; Tl – Thallium; Sb- Antimony; As – Arsenic; Pb – Lead; Co- Cobalt; Cr- Chromium; Cu- Copper; Mn-Manganese; Ni- Nickel; and V- Vanadium.

**(II). After the condition No. 31 of Schedule –B of the CFO & HWA Order issued vide reference 1<sup>st</sup> & 2<sup>nd</sup> cited, the following condition shall be added:**

“32. As per the Directions issued by the Hon’ble National Green Tribunal (NGT), Principal Bench, New Delhi in Original Application (OA) No. 199 of 2014 vide Judgement dt. 22.12.2016, in the matter of Management of Municipal Solid Waste in Local Bodies, the industry shall buy and use Refused Derived Fuel (RDF) as fuel in the Cement Plant, generated from the RDF Plants located within a 100 Km radius of the Cement Plant.”

All the other conditions stipulated in the CFO & HWA Order vide reference 1<sup>st</sup> & 2<sup>nd</sup> cited remain same.

Sd/-  
MEMBER SECRETARY

To  
M/s. My Home Industries Pvt. Ltd.,  
(Unit-I, II & III), Mellacheruvu(V&M),  
Suryapet District.

Copy to:

1. The JCEE, Z.O., R.C. Puram for information and necessary action.
2. The E.E., R.O, Nalgonda for information and necessary action.

// T.C.F.B.O//

  
Joint Chief Environmental Engineer (FAC)

ke

**REGD.POST WITH ACK.DUE**

**Amendment to CFO & HWA Order**

**Order No.TSPCB/RCP/NLG/HO/CFO/2016 - 2715**

**Dt: 09.01.2017**

**Sub:** TSPCB - CFO - M/s. My Home Industries Pvt. Ltd., (Unit-I, II & III), Mellacheruvu(V&M), Suryapet District - Request of the industry for usage of "Pet Coke" as additional Fuel, replacing about 70% Coal in their Kilns - Amendment to CFO& HWA Order - Issued - Reg.

**Ref:** 1) CFO & HWA Order issued by the Board vide Order No. TSPCB/RCP/HO/CFO& HWA/2016-975 Date: 14.07.2016.  
2) MoEFCC Notification no.S.O.3518(E) dt: 23.11.2016.  
3) Industry's Lr. dt: 05.12.2016.  
4) CFO Committee Meeting held on 23.12.2016.

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The Board vide reference 1<sup>st</sup> cited, issued CFO & HWA Order to M/s. My Home Industries Pvt. Ltd., (Unit-I, II & III), Mellacheruvu (V&M), Suryapet District, with validity upto 30.06.2021 for manufacture of Clinker & Cement.

The MoEF & CC vide reference 2<sup>nd</sup> cited issued Notification for Amendments in the Environment Impact Assessment Notification, 2006. One of the Amendment as per this Notification pertaining to the Cement Plants is as follows:

*"1.Fuel for Cement Industry may be Coal, Pet coke, mixture of Coal & Pet coke and Co-processing of waste, provided it meets the emission standards.*

*2. The manufacture of composite cement by plants having environmental clearance for manufacturing Ordinary Portland Cement (OPC), Portland Pozzolana Cement (PPC) and Portland Slag Cement (PSC) shall be exempt, provided the production is within sanctioned capacity."*

The industry vide reference 3<sup>rd</sup> stated as follows:

1. They are using Coal as Fuel along with co-processing of Hazardous Waste in their Cement Plant Kilns.
2. They propose to utilise "Pet Coke" also as Fuel in their Cement Plant (Unit- I,II & III).
3. There will be no change in the Process, no additional water requirement, no additional

5. They assure to maintain emission well below prescribed standards notified by MoEF for Cement Plant with Co-Processing.

The industry requested the Board to issue Amendment to the CFO Order for use of "Pet Coke" as additional fuel.

The above issue was placed in the CFO Committee meeting of the Board held on 23.12.2016. The Committee recommended to issue Amendment to the CFO & HWA Order issued by the Board to the industry vide reference 1<sup>st</sup> cited, permitting the industry for utilization of "Pet Coke" in their Cement Kilns as Fuel.

In view of the request made by the industry vide ref. 3<sup>rd</sup> cited and recommendations of CFO Committee in its meeting held on 23.12.2016, the Board hereby issues Amendment to CFO & HWA Order issued vide reference 1<sup>st</sup> cited as follows :

After condition no. 29 in Schedule-B of the CFO & HWA Order issued vide reference 1<sup>st</sup> cited, the following conditions shall be added:

- "30. The Industry is permitted to utilize Pet coke as Fuel in addition to Coal in their Cement Kilns.
31. The industry shall comply with the New Emission Standards for cement plants with co-processing, notified by MoEF & CC, stipulated in the CFO Order dt. 14.07.2016."

All the other conditions stipulated in CFO & HWA Order vide reference 1<sup>st</sup>, cited remain same.

**Sd/-**  
**MEMBER SECRETARY**

~~To~~  
✓ M/s. My Home Industries Pvt. Ltd.,  
(Unit-I, II & III),  
Mellacheruvu (V&M),  
Suryapet District.

//T.C.F.B.O//

  
Senior Environmental Engineer  
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**TELANGANA STATE POLLUTION CONTROL BOARD****Paryavarana Bhavan, A-3, Industrial Estate,  
Sanathnagar, Hyderabad - 500018****Ph: 040-23887500****Fax: 040- 23815631****Website: appcb.ap.nic.in****RENEWAL CONSENT & AUTHORISATION ORDER****//BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE//****Consent Order No : TSPCB/RCP/HO/CFO&HWA/2016- 975      Date: 14.07.2016**

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof, Operation of the plant under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorization / Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary, Movement) Rules 2008 & Amendments thereof.

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21 of Air (Prevention & Control of Pollution) Act 1981 and Authorization under the provisions of HW (MH & TM) Rules (hereinafter referred to as 'the Acts', 'the Rules') and the rules and orders made there under to:

Acts', 'the Rules') and amendments thereof and the rules and orders made there under to:

**M/s. My Home Industries Pvt. Ltd.,  
(Formerly M/s. My Home Industries Ltd.)  
(Plant) (Unit-I, II & III),  
Mellacheruvu Village and Mandal,  
Nalgonda District-508246.  
E-mail: bsuresh@myhomegroup.in**

(hereinafter referred to as 'the Applicant /Industry')and the industry is authorized to operate the industrial plant to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys, by operating pollution control equipment, as detailed below.

**i) Out lets for discharge of effluents:**

<b>Outlet No.</b>	<b>Outlet Description</b>	<b>Max Daily Discharge</b>	<b>Point of Disposal</b>
1.	Domestic Effluents 16 KLD from Unit - I + 144 KLD from Unit-II + 48 KLD from Unit-III after treatment	208 KLD	STP followed by Onland for plantation.

**ii) Emissions from Chimneys:**

<b>Chimney No.</b>	<b>Description of Chimney</b>
<b>Unit -I</b>	
1.	Attached to Horizontal Rotary Kiln of 2000 TPD capacity
2.	Attached to Clinker Cooler
3.	Attached to Coal Mill
4.	Attached to Cement Mill -1
5.	Attached to Packing Plant/Packer
6.	Attached to Clinker storage, LS Crusher, Coal Crusher, Hopper tops, Silo tops (Raw Meal and Cement Silos), Belt Conveyor transfer points, Clinker dropping etc for handling clinker, cement

	& gypsum.
<b>Unit - II</b>	
7.	Attached to Horizontal Rotary Kiln of 2800 TPD capacity
8.	Attached to Clinker Cooler
9.	Attached to Cement Mill -2 & Cement Mill -3
10.	Attached to Coal Mill
11.	Attached to LS Crusher
12.	Attached to Coal Crusher
13.	Attached to Clinker storage, Coal crusher, Hopper tops, Silo tops, Belt Conveyor transfer points, Clinker droppings etc.
<b>Unit-III</b>	
14.	Attached to 1.2 MTPA Horizontal Rotary Kiln 3
15.	Attached to Clinker Cooler - 3
16.	Attached to Cement mill - 4 & Cement mill - 5
17.	Attached to Coal mill - 3
18.	Attached to LS crusher - 3
19.	Attached to Hopper tops, Silo tops, Belt Conveyor transfer points, Clinker dropping etc.,
20.	Attached to 2 x 1944 KVA + 1 x 125 KVA DG sets (Common for unit- I, II & III)

**iii) HAZARDOUS WASTE AUTHORISATION (FORM - II) [See Rule 6 (2)] of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 & Amendments thereof):**

1. Number of Authorization and date of issue - **TSPCB/RCP/HO/CFO & HWA/2016 - Date:14.07.2016.**
2. M/s. My Home Industries Pvt. Ltd., (Plant) Unit - I, II & III Mellacheruvu (V & M), Nalgonda District., is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

**• HAZARDOUS WASTES WITH DISPOSAL OPTION:**

S. No.	Name of the Hazardous waste	Stream	Quantity of Hazardous waste	Disposal Option.
1.	Used oils & Waste lube oil	5.1 of Schedule - I	4.8 KLPA	Authorized Reprocessors / Recyclers.
2.	Waste grease	5.1 of Schedule - I	860kg/ year	
3.	Hy-chrome forged grinding media	13.1 of Schedule - I	9.5 TPA	

The industry is permitted to procure the following high Calorific Value Hazardous Waste from the authorized industries and Non - Hazardous Waste from outside sources for being used in the co-processing the Cement Kiln.

S. No	Industry	Name of the Hazardous waste	Stream	Quantity of Hazardous waste and Non-Hazardous wastes
<b>HAZARDOUS WASTES</b>				
1	Pharmaceutical Industries	Process residues & Solid Waste	28.1 of Schedule - I	
2		Spent Carbon	28.3 of Schedule - I	

3		Off-Specification products	28.4 of Schedule - I	Coal consumption in Kiln firing - 4,11,180 TPA.  Quantity of Hazardous waste and Non-Hazardous wastes permitted - Maximum 40 % of Coal Consumption, i.e. the quantity of HW & Non-HW for Co-processing in the Kilns shall not exceed 1,64,000 TPA.
4		Date -expired products	28.5 of Schedule - I	
5		Spent Solvents (Solids & Liquids)	28.6 of Schedule - I	
6	Pesticide Industries	Process waste & residues	29.1 of Schedule - I	
7		Sludge containing residues	29.2 of Schedule - I	
8		Date-expired Off-specification products	29.3 of Schedule - I	
9		Spent solvents (Solids & Liquids)	29.4 of Schedule - I	
10	Automobile paint, Textile, industry, pharma, soft drink industries etc.	ETP Sludge	35.3 of Schedule - I	
11	Automobile industry / Diesel loco/ Engineering Industry	Oily rags	33.2 of Schedule - I	
12	Automobile workshops / Diesel loco / Engineering Industry	Dismantled lube/fuel oil filters	3.3 of Schedule - I	
13	Soft drink Industry	Spent Carbon	--	
14	Packaging Industries	Contaminated plastic waste	--	
15	Fabrication Industries	Plastic & Resin waste	35.2 of Schedule - I	
16	Paint manufacturing industries	Paint process waste, residues & sludge	21.1 of Schedule - I	
17	Process industries, Automobile workshops	Used / Spent Oil /Waste Grease/Waste residues containing oil	5.1 & 5.2 of Schedule - I	
19	Automobile paint, Textile, industry, pharma, soft drink industries etc.	Mix waste suitable for co-processing	--	
<b>NON- HAZARDOUS WASTES</b>				
20	Municipal waste	RDF	Non- HW	
21	Sponge Iron Industries	Dolochar	Non- HW	
22	Waste from tyres processing units	Carbon Black Powder	Non- HW	
23	Waste handling units	Shredded waste tyres & rubber chips	Non- HW	

24	Nearby areas	Biomass – (Rice husk, groundnut husk, waste wood, corn waste, mango kernels etc)	Non- HW	
25	Waste handling units	Plastic Scrap	Non- HW	

**This consent order is valid to manufacture the following products along with quantities only.**

Sl. No.	Products	Total Production
<b>Unit - I</b>		
1	Clinker	0.66 MTPA (2000 TPD)
2	Cement	0.792 MTPA (2400 TPD)
<b>Unit - II</b>		
1	Clinker	1.183 MTPA
2	Cement	1.108 MTPA (3360 TPD)
<b>Unit - III</b>		
1	Clinker	1.20 MTPA
2	Cement	1.40 MTPA

This order is subject to the provisions of 'the Acts' and the Rules' amendments made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This combined order of consent & Hazardous Waste Authorization shall be valid for a period ending with the **30<sup>th</sup> day of June 2021.**

Sd/-  
**MEMBER SECRETARY**

To  
M/s. My Home Industries Pvt. Ltd., (Plant) (Unit-I, II & III),  
(Formerly M/s. My Home Industries Ltd.)  
Mellacheruvu Village and Mandal,  
Nalgonda District-508246.

// T.C.F.B.O//

*B. M. Rao*  
Senior Environmental Engineer  
✓

### SCHEDULE - A

1. The applicant shall make applications through online for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts for obtaining Consent & HW Authorization of the Board. The applicant can also apply for Auto Renewal of the CFO atleast 30 days before the expiry of the Order as per the procedure and eligibility stipulated in the Board Circular dt:19.11.2015 (available in Board's Website: <http://tspcb.cgg.gov.in/Pages/circulars.aspx>).
2. Concealing the factual data or submission of false information/ fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts.
3. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.
4. The industry may explore the possibility of tapping the solar energy for their energy requirements.
5. All the conditions stipulated in the Schedule - A of the earlier CFO order of **Consent Order No: APPCB/RCP/NGL/11705/CFO&HWA/HO/2014 dated: 11.03.2014** remains same. The industry should ensure consistent compliance of each condition of Schedule -A.
6. The Board reserves its right to modify above conditions or stipulate any further conditions and to take action including revoke of this order in the interest of protection of public health and environment.

### SCHEDULE - B

1. The effluent discharged shall comply with the tolerance limits mentioned below:

(A)

Outlet	Parameter	Limiting Standards
1	pH	6.5 - 8.5
	Total Suspended Solids	100 mg/l
	Oil and Grease	10 mg/l
	Biochemical Oxygen Demand (3 days at 27° C)	100 mg/l
	Chemical Oxygen Demand	250 mg/l
	Total Dissolved Solids (TDS)	2100 mg/l

#### **B. Service waste water (with co-processing wastes)**

All efforts shall be made by the industry for 'Zero discharge' of service wastewater and in case, the industry prefers to discharge service wastewater, the following norms shall be complied with:

Parameter	Concentration not to exceed, milligram per litre (except pH and temperature)
pH	5.5 to 9.0
Suspended Solids	100
Oil & Grease	10
Temperature	Not more than 5°C higher than the intake water temperature

### C- Storm Water

- (I) Storm-water shall not be allowed to mix with effluent, treated sewage, scrubber water and or floor washings.
- (II) Storm-water within battery limits of industry shall be channelized through separate drain(s).

2. The source of water is Borewell & Mining pit and the maximum permitted water consumption after expansion is **1490 KLD**:

S.No	Purpose	Quantity in KLD
1.	Process	450
2.	Cooling	540
3.	Dust suppression	60
4.	Domestic	260
5.	Gardening/Irrigation	180
	<b>Total</b>	<b>1490</b>

3. The industry shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month along with water meter readings. The industry shall remit water cess as per the assessment orders as and when issued by Board. The industry shall provide separate water meters with necessary pipeline for assessing the quantity of water used for each of the purposes as per Form-I of Water (Prevention and Control of Pollution) Cess Act, 1977.
4. The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

#### (A)

Chimney Nos.	Parameter	Emission Standards (mg/Nm <sup>3</sup> )
1 to 19	Particulate Matter	50 mg/Nm <sup>3</sup>
		30 mg/Nm <sup>3</sup> <b>(The timeline for compliance of the standard is 31.03.2017)</b>
1, 7 & 14	Sulphur Dioxide (SO <sub>2</sub> )	100 mg/Nm <sup>3</sup> , 700 mg/Nm <sup>3</sup> and 1000 mg/Nm <sup>3</sup> , when pyritic Sulphur in the Lime Stone is less than 0.25%, 0.25 to 0.5% and more than 0.5% respectively. <b>(The timeline for compliance of the standard is 31.03.2017)</b>
	Nitrogen Dioxide (NO <sub>x</sub> )	800 mg/Nm <sup>3</sup> for Rotary Kiln with in Line Calciner (ILC) Technology. <b>(The timeline for compliance of the standard is 31.03.2017)</b>
	HCl	10 mg/Nm <sup>3</sup>
	HF	1 mg/Nm <sup>3</sup>
	TOC	10 mg/Nm <sup>3**</sup>
	Hg and its compounds	0.05 mg/Nm <sup>3</sup>
Cd +Tl and their compounds	0.05 mg/Nm <sup>3</sup>	

	Sb+As+Pb +Co+Cr+ Cu+Mn+Ni+V and their compounds	0.5 mg/Nm <sup>3</sup>
	Dioxins and Furans	0.1 ngTEQ/Nm <sup>3</sup>

**Note:** The abbreviations used in the above Table shall mean as under:

SO<sub>2</sub> - Sulphur Dioxide; NO<sub>x</sub> - Oxides of Nitrogen; HCl - Hydrogen Chloride; HF - Hydrogen Flouride; TOC - Total Organic Carbon; Hg - Mercury; Cd - Cadmium; Tl - Thallium; Sb- Antimony; As - Arsenic; Pb - Lead; Co- Cobalt; Cr- Chromium; Cu- Copper; Mn-Manganese; Ni- Nickel; and V- Vanadium.

- (B) The height of each individual stack connected to Kiln, Clinker Cooler, Cement Mill, Coal Mill, Raw Mill, Packaging section, etc. shall be of a minimum of 30 metres or, as per the formula,  $H=14 (Q1)^{0.3}$  and  $H= 74 (Q2)^{0.27}$ , whichever is more, where "H" is the height of stack in metres and "Q1" is the maximum quantity of SO<sub>2</sub> expected to be emitted in kg/hr and "Q2" is the maximum quantity of PM expected to be emitted in Tonnes/hr through the stack at 100 percent rated capacity of the plant;
- (C) The monitored values of SO<sub>2</sub>, NO<sub>x</sub>, HCl, HF, TOC, Metals and Dioxins and Furans at main Kiln stack shall be corrected to 10% Oxygen, on dry basis and the norms for SO<sub>2</sub>, NO<sub>x</sub>, HCl, HF, TOC, Metals and Dioxins and Furans shall be applicable to the main Kiln Stack and the norms for Particulate Matter (PM) shall be applicable to all the stacks in the plant. PM, SO<sub>2</sub>, NO<sub>x</sub> shall be monitored continuously. HCl, HF, TOC, Metals and Dioxins and Furans shall be monitored once in a year.
- (D) Scrubber meant for scrubbing emissions shall not be used as quencher and plants having separate stack for gaseous emission for the scrubbing unit, the height of this stack shall be atleast equal to the main stack.
5. **Load of Mass based standard:** Particulate Matter from Raw Mill, Kiln and Pre-Calciner system put together - **0.125 kg/tonne of Clinker.**
6. The industry should comply with ambient air quality standards of PM<sub>10</sub>(Particulate Matter size less than 10 µm) - 100 µg/ m<sup>3</sup>; PM<sub>2.5</sub>(Particulate Matter size less than 2.5 µm) - 60 µg/ m<sup>3</sup>; SO<sub>2</sub> - 80 µg/ m<sup>3</sup>; NO<sub>x</sub> - 80 µg/m<sup>3</sup>, outside the factory premises at the periphery of the industry. Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009
- Noise Levels:** Day time - (6 AM to 10 PM) - 75 dB (A)  
Night time - (10 PM to 6 AM) - 70 dB (A).
7. The industry shall manufacture only the consented products.
8. The industry shall not increase the capacity beyond the permitted capacity, without obtaining CFE & CFO of the Board.
9. The industry shall upgrade the Air Pollution Control Equipment from time to time to meet the SPM emissions from all the stacks.
10. The industry shall comply with the standards stipulated by the Govt. of India under Environment (Protection) Rules, framed under E(P) Act, 1986.
11. The industry shall operate the RABHs, Bag filters, ESPs, Dust collectors etc., installed for Unit-I, II & III continuously.
12. The industry should maintain the Online Continuous Stack Monitoring equipment with data recorder facility for the stacks of Kiln, Cooler and other major stacks and connect the same to the website of CPCB & TSPCB immediately.
13. The industry should maintain Bag filters at all Silo tops, material transfer points and other various fugitive emissions sources.

14. The industry should maintain the records on captive consumption of clinker produced, Fly Ash utilization, cement production etc. and the consolidated records should be furnished to R.O, Nalgonda for every three months.
15. The industry should submit details of ESP trippings to the Regional Office of the Board for every three months.
16. The industry should provide adequate dust collection and extraction system to control fugitive emissions at various transfer points & the dust collected from pollution control equipments should be recycled back into the process.
17. The industry should install & maintain interlocking facility between APC equipment and raw material feeding system to regulate the feeding of raw material into the Kiln, so that feeding of raw materials would stop automatically in case the air pollution control equipment fails.
18. The industry shall store the coal & other raw materials in the closed storage sheds so as to avoid fugitive dust emissions.
19. All the roads in the plant area shall be asphalted / concreted and water should be sprayed to reduce fugitive dust emissions.
20. The industry shall provide water meters for recording the water consumption for recording category-wise water consumption.
21. The industry shall comply with the Task Force directions issued from time to time.
22. The industry should develop and maintain green belt all along the boundary of the industry and other vacant places. The industry shall take up extensive plantation under the Haritha Haram program of the State Government.
23. The industry shall not store dry Gypsum in open area.
24. The industry shall carryout co-processing of Hazardous waste and comply the stipulated emission standards therein.
25. The industry shall maintain bag filters for de-dusting of additional blending silo, cement silos, fly ash silo & packing plants and other transfer points to control fugitive emissions.
26. The industry shall submit consolidated statement of Production details, effluent generated & effluent treated, Hazardous/ solid waste generated & disposed, Hazardous/ solid waste received from various industries/ outside sources & co-processed, records of operation of pollution control equipment on monthly basis to the Concerned Regional Officer and daily records (RG-I records, Central Excise Returns etc) shall also be made available to the Board Officials during the inspection.
27. The applicant shall submit Environment Statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
28. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991, should be followed.
29. The conditions stipulated in this Order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.

**SCHEDULE - C**

**[ see rule 6(2) ]**

**[ CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING  
HAZARDOUS WASTES ]**

1. The authorized person shall comply with the provisions of the Environment (Protection) Act 1986, and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the State Pollution Control Board.

3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the Hazardous and other wastes except what is permitted through this authorization.
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
5. The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc., and their possible impacts and also carryout mock drill in this regard at regular interval of time.
6. The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty".
7. It is the duty of the authorized person to take prior permission of the State Pollution Control Board to close down the facility.
8. The Hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported Hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.
9. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
10. An application for the renewal of an authorization shall be made as laid down under the Rules.
11. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate change or Central Pollution Control Board from time to time.
12. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.
13. The industry shall give top priority for waste minimization and cleaner production practices.
14. The industry shall not store hazardous waste for more than 90 days as per the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and amendments thereof.
15. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal.
16. The industry shall not dispose Waste oils to the traders and the same shall be disposed to the authorized Reprocessors/ Recyclers.
17. The industry shall dispose Used Lead Acid Batteries to the manufacturers / dealers on buyback basis.
18. The industry shall not dispose spent solvents / mixed spent solvents to the traders.
19. The industry shall take necessary practical steps for prevention of oil spillages and carry over of oil from the premises.
20. The industry shall maintain 6 copy manifest system for transportation of waste generated and a copy shall be submitted to Board Office and concerned Regional Office.
21. The industry shall maintain good housekeeping & maintain proper records for Hazardous Wastes stated in Authorization.
22. The industry shall maintain proper records for Hazardous Wastes stated in Authorization in FORM-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form- 4 as per Rule 22(2) of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008 and amendments thereof.

23. The industry shall dispose of e-waste to the authorized recyclers only.
24. The industry shall submit the condition wise compliance report of the conditions stipulated in Schedule B & C of this Order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.

**Sd/-**  
**MEMBER SECRETARY**

**To**  
**M/s. My Home Industries Pvt. Ltd.,**  
**(Plant) (Unit-I, II & III),**  
**(Formerly M/s. My Home Industries Ltd.)**  
**Mellacheruvu Village and Mandal,**  
**Nalgonda District-508246.**

// T.C.F.B.O//

  
Senior Environmental Engineer

**TELANGANA STATE POLLUTION CONTROL BOARD****Paryavarana Bhavan, A-3, Industrial Estate,  
Sanathnagar, Hyderabad - 500018****Ph: 040-23887500****Fax: 040- 23815631****Website: appcb.ap.nic.in****RENEWAL OF CONSENT & AUTHORISATION ORDER****BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE****Consent Order No : TSPCB/RCP/NGL/CFO&HWA/HO/2015- 1942 Date: 01.12.2015.**

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof, Operation of the plant under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorization / Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary, Movement) Rules 2008 & Amendments thereof).

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof, and Authorization under the provisions of HW (MH & TM) Rules, 2008 (hereinafter referred to as 'the Acts', 'the Rules') and amendments thereof and the rules and orders made there under to

**M/s. My Home Industries Ltd., (Plant)  
(Unit-II), (Expansion),  
Mellacheruvu Village and Mandal,  
Nalgonda District-508246.  
E-mail: bsuresh@myhomegroup.in**

**DESPATCHED**  
ON: 5/12/15

(hereinafter referred to as 'the Applicant /Industry')and the industry is authorized to operate the industrial plant to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys, by operating pollution control equipment, as detailed below.

**i) Out lets for discharge of effluents from all the plants (After expansion of Unit-II):**

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1.	Domestic Effluents 16 KLD from Unit - I + 144 KLD from Unit-II + 48 KLD from Unit-III after treatment	208 KLD	STP followed by On land for plantation.
<b>TOTAL</b>		<b>208 KLD</b>	

**ii) Emissions from chimneys of Unit-II:**

Unit - II	
1.	Attached to Horizontal Rotary Kiln
2.	Attached to Clinker Cooler
3.	Attached to Cement Mill
4.	Attached to Coal Mill
5.	Attached to LS Crusher
6.	Attached to Coal Crusher
7.	Attached to Clinker storage, LS crusher, coal crusher, Hopper tops, silo tops, belt conveyor transfer point, clinker droppings etc.

iii)HAZARDOUS WASTE AUTHORISATION (FORM – II) [See Rule 5 (4)] of Hazardous Wastes (Management, Handling & Transboundary, Movement) Rules 2008 & Amendments thereof.

1. Number of Authorization and date of issue – TSPCB/RCP/NGL/CFO&HWA/HO/2015-  
Date: 01.12.2015.
2. M/s. My Home Industries Ltd., (Plant) Unit - I, II & III Mellacheruvu (V & M), Nalgonda District., is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

• HAZARDOUS WASTES WITH RECYCLING OPTION:

S. No.	Name of the Hazardous waste	Stream	Quantity of Hazardous waste	Disposal Option.
1.	Used oils & Waste lube oil	5.1 of Schedule – I	4.8 KLPA	Authorized Reprocessors / Recyclers.
2.	Waste grease	5.1 of Schedule – I	860kg/ year	
3.	Hy-chrome forged grinding media	13.1 of Schedule – I	9.5 TPA	
4.	Liquid organic spent solvents	28.5 of Schedule – I	4000 TPM	For co-processing in kilns.

This consent order is valid to manufacture the following products along with quantities only.

Sl. No.	Name of the Products and By-products Unit – II	Total after expansion in Unit-II
1	Clinker	1.183 MTPA
2	Cement	1.108 MTPA (3360 TPD)

This order is subject to the provisions of 'the Acts' and the Rules' amendments made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This combined order of consent & Hazardous Waste Authorization shall be valid for a period ending with the 31<sup>st</sup> day of October, 2016.

Sd/-  
MEMBER SECRETARY

To  
M/s. My Home Industries Ltd., (Plant)  
(Unit-II), (Expansion),  
Mellacheruvu Village and Mandal,  
Nalgonda District-508246.

Copy to:

1. The JCEE, Zonal Office, Ramachandrapuram for information and necessary action.
2. The SEE (Cess), APPCB, Hyderabad for information.
3. The Environmental Engineer, Regional Office, Nalgonda for information and necessary action.

// T.C.F.B.O //



Joint Chief Environmental Engineer

### SCHEDULE - A

1. The applicant shall make applications through online for renewal of Consent (under Water & Air Acts) and Authorization under HWM Rules at least **120 days** before the date of expiry of this order, along with prescribed fee under Water and Air Acts for obtaining Consent & HW Authorization of the Board.
2. Concealing the factual data or submission of false information/ fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts.
3. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of the Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.
4. The facility may explore the possibility of tapping the solar energy for their energy requirements.
5. All other conditions stipulated in the Schedule - A of the earlier combined order of **Consent Order No: APPCB/RCP/NGL/11705/CFO& HWA/HO/2014- Date: 11.03.2014** remains same. The industry should ensure consistent compliance of the condition of Schedule -A.
6. The Board reserves its right to modify above conditions or stipulate any further conditions and to take action including revoke of this order in the interest of protection of public health and environment.

### SCHEDULE - B

1. The effluent discharged shall comply with the tolerance limits mentioned below:

Outlet	Parameter	Limiting Standards
1	pH	6.5 - 8.5
	Total Suspended Solids	100 mg/l
	Oil and Grease	10 mg/l
	Biochemical Oxygen Demand (3 days at 27° C)	100 mg/l
	Chemical Oxygen Demand	250 mg/l
	Total Dissolved Solids (TDS)	2100 mg/l
	Temperature	Not more than 5°C higher than the intake water temperature

2. The source of water is Borewell & Mining pit and the maximum permitted water consumption after expansion is **1490 KLD**:

S.No	Purpose	Quantity in KLD
1.	Process	450
2.	Cooling	540
3.	Dust suppression	60
4.	Domestic	260
5.	Gardening/Irrigation	180
	<b>Total</b>	<b>1490</b>

3. The industry shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month along with water meter readings. The industry shall remit water cess as per the assessment orders as and when issued by Board. **The industry shall provide separate water meters with necessary pipeline for assessing the quantity of water used for each of the purposes as per Cess Form-I.**

4. The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

Chimney No	Parameter	Emission Standards
1 - 7	Particulate matter	50 mg/Nm <sup>3</sup>

5. The industry shall comply with ambient air quality standards of PM<sub>10</sub> (Particulate Matter size less than 10 µm) - 100 µg/ m<sup>3</sup>; PM<sub>2.5</sub> (Particulate Matter size less than 2.5 µm) - 60 µg/ m<sup>3</sup>; SO<sub>2</sub> - 80 µg/ m<sup>3</sup>; NO<sub>x</sub> - 80 µg/m<sup>3</sup>, outside the factory premises at the periphery of the industry.

Standards of other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009

**Noise Levels:** Day time (6 AM to 10 PM) - 75 dB (A)

Night time (10 PM to 6 AM) - 70 dB (A).

6. The industry shall manufacture only the consented products.
7. The industry shall not increase the capacity beyond the permitted capacity, without obtaining CFE & CFO of the Board.
8. The industry shall upgrade existing RABH for Kiln-2 / Raw mill of unit-II and the fans, so as to meet the stack emission standards stipulated by the Board.
9. The industry shall upgrade / modify the cooler fans by adding new higher capacity fans, so as to meet the stack emission standards stipulated by the Board.
10. The ESP and bag filters shall be designed such that 25% of additional capacity is available as spare to meet the emergency requirements.
11. The industry shall store the coal, Gypsum, other raw materials, in the closed storage sheds so as to avoid fugitive dust emissions.
12. All the roads in the plant area shall be asphalted / concreted and water should be sprayed to reduce fugitive dust emissions.
13. The industry shall provide adequate dust collection and extraction system to control fugitive emissions at various transfer points and the dust collected from the Pollution Control Equipments shall be recycled back into the process.
14. The industry shall take all efforts for 'Zero discharge' of service Waste Water. In case the industry prefers to discharge the service water the norms stipulated shall be complied with.
15. Storm water shall not be allowed to mix with effluent, treated sewage, Scrubber water and / or floor washings.
16. Storm water within battery limits of industry shall be channelized through separate drain(s) as per natural gradient passing through high density polyethylene lined pit(s) each having holding capacity of 10 minutes (hourly average) or rainfall for its catchment area.
17. The industry shall provide flow meters for recording the water consumption for various purposes and for effluents.
18. The industry shall comply with the conditions stipulated by the Board in the CFO Order dt.11.03.2014.
19. The industry shall comply with the conditions stipulated in the Environment Clearance issued by the MoEF, Government of India vide Order dt. 15.12.2014.
20. The industry shall comply with the Task Force directions issued from time to time.
21. The industry shall install and operate Online Continuous Stack Emission Monitoring Systems (OCSEMS) for the major stacks, and connect & upload the online emission monitoring data to the server of State PCB & CPCB immediately.
22. The industry shall ensure regular maintenance and operation of the OCSEMS, with tamper proof mechanism having facilities for online calibration.

23. The industry should develop and maintain green belt all along the boundary of the industry and other vacant places. The industry shall take up extensive plantation under the Haritha Haram program of the State Government. Existing greenbelt shall not be disturbed due to expansion activity.
24. The industry shall carryout co-processing of Hazardous waste as per CPCB permission and comply the stipulated emission standards therein.
25. The industry shall carry out performance evaluation of Air Pollution Control Equipments provided to the kilns & at other transfer points and shall submit details to the R.O., Nalgonda within a month along with monitoring reports.
26. The industry shall maintain the register on daily consumption of coke breeze, petroleum coke, coal dust and other raw materials & details of the OP cement produced.
27. The industry shall maintain bag filters for de-dusting of additional blending silo, cement silos, fly ash silo & packing plants and other transfer points to control fugitive emissions.
28. The industry should use dry-process pre-calcinator technology for manufacturing of cement. The industry should maintain the records on clinker production, utilized for cement production and stocks maintained at on-site.
29. The industry shall submit consolidated statement of Production details, effluent generated & effluent treated, Hazardous/ solid waste generated and disposed, records of operation of pollution control equipment on monthly basis to the Regional Officer and daily records (RG-I records, Central Excise Returns etc) shall also be made available to the Board Officials during the inspection.
30. The applicant shall submit Environment Statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
31. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991, should be followed.
32. The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.

**SCHEDULE - C**

**[see rule 5(4)]**

**[CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING  
HAZARDOUS WASTES]**

1. The industry should give top priority for waste minimization and cleaner production practices.
2. The industry should not store hazardous waste for more than 90 days as per the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and amendments thereof.
3. The industry should store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal.
4. The industry should not dispose Waste oils to the traders and the same should be disposed to the authorized Reprocessors/ Recyclers.
5. The industry should dispose Used Lead Acid Batteries to the manufacturers / dealers on buyback basis.
6. The industry should not dispose spent solvents / mixed spent solvents to the traders.
7. The industry should take necessary practical steps for prevention of oil spillages and carry over of oil from the premises.
8. The industry should maintain 6 copy manifest system for transportation of waste generated and a copy should be submitted to Board Office and concerned Regional Office.
9. The industry should maintain good house keeping & maintain proper records for Hazardous Wastes stated in Authorization.

10. The industry should maintain proper records for Hazardous Wastes stated in Authorization in FORM-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form- 4 as per Rule 22(2) of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008 and amendments thereof.
11. The industry should dispose of e-waste to the authorized recyclers only.
12. The unit should submit the condition wise compliance report of the conditions stipulated in Schedule B and Schedule C of this order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.

**Sd/-**  
**MEMBER SECRETARY**

**To**

**M/s. My Home Industries Ltd., (Plant)  
(Unit-II), (Expansion),  
Mellacheruvu Village and Mandal,  
Nalgonda District-508246 .**

// T.C.F.B.O //

  
**Joint Chief Environmental Engineer**  
*Per*



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**CONSENT & AUTHORISATION ORDER**  
**(Total Production after Expansion)**  
**BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE**

**Consent Order No : APPCB/RCP/NGL/11705/CFQ&HWA/HO/2014/6865** Date: **11.03.2014**,  
(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof, Operation of the plant under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation / Renewal of Authorisation under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary, Movement) Rules 2008 & Amendments thereof).

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof, and Authorisation under the provisions of HW (MH & TM) Rules, 2008 (hereinafter referred to as 'the Acts', 'the Rules') and amendments thereof and the rules and orders made there under to **M/s. My Home Industries Ltd., (Plant) (Unit-I, II & III), Mellacheruvu Village and Mandal, Nalgonda District-508246** E-mail: **bsuresh@myhomegroup.in** (hereinafter referred to as 'the Applicant /Industry') and the industry is authorized to operate the industrial plant to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys, by operating pollution control equipment, as detailed below.

**i) Out lets for discharge of effluents:**

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1.	Domestic Effluents 16 KLD from Unit - I + 144 KLD from Unit-II + 48 KLD from Unit-III after treatment	208 KLD	STP followed by Onland for plantation.

**ii) Emissions from chimneys:**

Chimney No.	Description of Chimney
<b>Unit - I</b>	
1.	Attached to Horizontal Rotary Kiln of 2000 TPD capacity
2.	Attached to Cooler
3.	Attached to Coal Mill
4.	Attached to Cement Mill
5.	Attached to Packing Plant/Packer
6.	Attached to Vertical raw mill
7.	Attached to Clinker storage, LS Crusher, Coal Crusher, Hopper tops, Silo tops (Raw Meal and Cement Silos), Belt Conveyor transfer points, Clinker dropping etc for handling clinker, cement & gypsum.
<b>Unit - II</b>	
8.	Attached to Horizontal Rotary Kiln of 2800 TPD capacity
9.	Attached to Clinker Cooler
10.	Attached to Cement Mill
11.	Attached to Coal Mill
12.	Attached to LS Crusher
13.	Attached to Coal Crusher
14.	Attached to Clinker storage, LS crusher, coal crusher, Hopper tops, silo tops, belt conveyor transfer point, clinker droppings etc.

Continued... 9/2

This consent period ends

Unit-III	
15.	Attached to 1.2 MTPA Horizontal Rotary Kiln 3
16.	Attached to Clinker cooler - 3
17.	Attached to Cement mill - 4 & Cement mill - 5
18.	Attached to Coal mill - 3
19.	Attached to LS crusher - 3
20.	Attached to Hopper tops, silo tops, belt conveyor transfer points, clinker dropping etc.,
21.	Attached to 2 x 1944 KVA + 1 x 125 KVA DG sets
(Common for unit- I, II & III)	

iii) APPCB/RCP/NGL/11705/CFO&HWA/HO/2014: **HAZARDOUS WASTE AUTHORISATION (FORM - II)** [See Rule 5 (4)] of Hazardous Wastes (Management, Handling & Transboundary, Movement) Rules 2008 & Amendments thereof.

M/s. My Home Industries Ltd., (Plant) Unit - I , II & III Mellacheruvu (V & M), Nalgonda District., is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

• **HAZARDOUS WASTES WITH RECYCLING OPTION:**

S. No.	Name of the Hazardous waste	Stream	Quantity of Hazardous waste	Disposal Option.
1.	Used oils & Waste lube oil	5.1 of Schedule - I	4.8 KLPA	Authorized Reprocessors / Recyclers.
2.	Waste grease	5.1 of Schedule - I	860kg/ year	
3.	Hy-chrome forged grinding media	13.1 of Schedule - I	9.5 TPA	
4.	Liquid organic spent solvents	28.5 of Schedule - I	4000 TPM	For co-processing in kilns.

This consent order is valid to manufacture the following products along with quantities only.

Sl. No.	Products	Total Production after expansion in Unit - III
<b>Unit - I</b>		
1	Clinker	0.66 MTPA (2000 TPD)
2	Cement	0.792 MTPA (2400 TPD)
<b>Unit - II</b>		
1	Clinker	0.924 MTPA (2800 TPD)
2	Cement	1.108 MTPA (3360 TPD)
<b>Unit - III</b>		
1	Clinker	1.20 MTPA
2	Cement	1.40 MTPA

This order is subject to the provisions of 'the Acts' and the Rules' amendments made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

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This combined order of consent & Hazardous Waste Authorisation shall be valid for a period ending with the 30<sup>th</sup> day of June 2016.

Sd/-  
MEMBER SECRETARY

✓ To  
M/s. My Home Industries Ltd., (Plant) (Unit-I, II & III),  
Mellacheruvu Village and Mandal,  
Nalgonda District-508246  
E-mail: bsuresh@myhomegroup.in

//T.C.F.B.O//

  
CHIEF ENVIRONMENTAL ENGINEER

SCHEDULE - A

1. The applicant shall make applications through online for renewal of Consent (under Water & Air Acts) and Authorisation under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts for obtaining Consent & HW Authorisation of the Board.
2. This order is issued in line with Board's CFO order dated 12.09.2012 & CFE order dated 08.08.2013. Concealing the factual data or submission of false information/ fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts. The industry shall comply with all other conditions of earlier CFO order dated 12.09.2012 & CFE order dated 08.08.2013, still applicable.
3. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of the Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.
4. The facility may explore the possibility of tapping the solar energy for their energy requirements.
5. The industry shall comply with the all the directions issued by the Board from time to time.
6. The Board reserves its right to modify above conditions or stipulate any further conditions and to take action including revoke of this order in the interest of protection of public health and environment.

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**SCHEDULE - B**

- The industry shall not manufacture any un-consented products and exceeding capacities without obtaining Consent for Establishment (CFE) and Consent for Operation (CFO).
- The effluent discharged shall comply with the tolerance limits mentioned below:

Outlet	Parameter	Limiting Standards
1	pH	6.5 - 8.5
	Total Suspended Solids	100 mg/l
	Oil and Grease	10 mg/l
	Biochemical Oxygen Demand (3 days at 27° C)	100 mg/l
	Chemical Oxygen Demand	250 mg/l
	Total Dissolved Solids (TDS)	2100 mg/l

- The source of water is Borewell & Mining pit and the maximum permitted water consumption after expansion is 1490 KLD:

S.No	Purpose	Quantity in KLD
1.	Process	450
2.	Cooling	540
3.	Dust suppression	60
4.	Domestic	260
5.	Gardening/Irrigation	180
<b>Total</b>		<b>1490</b>

- The industry shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month along with water meter readings. The industry shall remit water cess as per the assessment orders as and when issued by Board. **The industry shall provide separate water meters with necessary pipeline for assessing the quantity of water used for each of the purposes as per Cess Form-I.**
- The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

Chimney No	Parameter	Emission Standards
1 - 20	Particulate matter	50 mg/Nm <sup>3</sup>

- The industry shall comply with ambient air quality standards of PM<sub>10</sub> (Particulate Matter size less than 10 µm) - 100 µg/ m<sup>3</sup>; PM<sub>2.5</sub> (Particulate Matter size less than 2.5 µm) - 60 µg/ m<sup>3</sup>; SO<sub>2</sub> - 80 µg/ m<sup>3</sup>; NO<sub>x</sub> - 80 µg/m<sup>3</sup>, outside the factory premises at the periphery of the industry.  
Standards of other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29Q16/20/90/PCI-I, dated 18.11.2009  
Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A), & Night time (10 PM to 6 AM) - 70 dB (A).
- The industry shall provide oil & grease removal system for removal of oil content from service water before its recycle, within 3 months.**
- The industry shall provide digital flow meters with totalizers to record water consumption for various purposes, within 3 months.**
- The industry shall earmark an amount of Rs. 1.21 Crores per annum for 10 years towards the Enterprise Social Responsibility (ESR) activities and spend the amount in Local area.**
- The industry shall construct additional storage shed for storage of Gypsum within 6 months or shall not store dry Gypsum in open area as committed vide letter dt. 05.02.2014.**
- The industry shall carryout co-processing of Hazardous waste as per CPCB permission dt. 17.07.2013 and comply the stipulated emission standards therein.
- The industry shall carry out performance evaluation of Air Pollution Control Equipments provided to the kilns & at other transfer points and shall submit details to the R.O., Nalgonda within a month along with monitoring reports.
- The industry shall maintain the register on daily consumption of coke breeze, petroleum coke, coal dust and other raw materials & details of the OP cement produced. The consolidated records on pattern of various raw material consumption and production details shall be furnished to the R.O., Nalgonda for every three months.
- The industry shall maintain bag filters for de-dusting of additional blending silo, cement silos, fly ash silo & packing plants and other transfer points to control fugitive emissions.

15. The industry should use dry-process pre-calculator technology for manufacturing of cement. The industry should maintain the records on clinker production, utilized for cement production and stocks maintained at on-site and should submit consolidated reports to the Regional Office of the Board once in six months.
16. The industry shall submit consolidated statement of Production details, effluent generated & effluent treated, Hazardous/ solid waste generated and disposed, records of operation of pollution control equipment on monthly basis to the Concerned Regional Officer and daily records (RG-I records, Central Excise Returns etc) shall also be made available to the Board Officials during the inspection.
17. The industry shall comply with Task Force directions issued by the Board from time to time.
18. The applicant shall submit Environment statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
19. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991, should be followed.
20. The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.

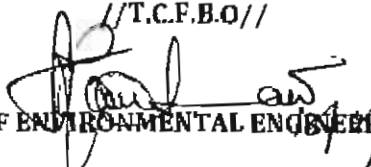
**SCHEDULE - C**

[see rule 5(4)]

**[CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING  
HAZARDOUS WASTES]**

1. The industry shall carryout co-processing of Hazardous waste as per CPCB permission dt. 17.07.2013 and comply with conditions stated therein.
2. The industry shall give top priority for waste minimization and cleaner production practices.
3. The industry shall not store hazardous waste for more than 90 days as per the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and amendments thereof. The industry shall maintain 6 copy manifest system for transportation of waste generated and copies of receipt of Consignee shall be submitted to the Concerned Regional office. The industry shall maintain proper records for Hazardous Wastes stated in Authorisation in FORM-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form- 4 as per Rule 22(2) of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008 and amendments thereof.
4. The industry shall dispose /sell the Hazardous Waste to only industries/agencies authorized by the State Pollution Control Boards. The industry shall verify the authorization of the Board given to the Party before disposing its waste to the External Party.
5. The industry shall maintain proper records for Hazardous Wastes disposal and its concurrence with authorization. In case of variation in generation, industry shall submit explanation and obtain amendment in Environmental Clearance/ CFE/CFO in this regard.
6. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal. Waste oils shall be disposed to the authorized Reprocessors/ Recyclers and Used Lead Acid Batteries shall be disposed to the manufacturers / dealers on buyback basis. The industry shall take necessary practical steps for prevention of oil spillages and carry over of oil from the premises. The industry shall check the Certificate/ Authorisation/order of MoEF issued to the Re-user/Recycle units while disposing the waste oil.
7. The industry shall dispose of e-waste to the authorised recyclers only.
8. The industry shall maintain good house keeping.
9. The industry shall submit the condition wise compliance report of the conditions stipulated in Schedule B & C of this Order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.

Sd/-  
MEMBER SECRETARY

//T.C.F.B.O//  
  
CHIEF ENVIRONMENTAL ENGINEER



RED CATEGORY  
RENEWAL OF CONSENT & AUTHORISATION ORDER  
BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Consent Order No : APPCB/PTN/NGL/163/HO/CFO/2012- 2527 Date:12.09.2012.

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof, Operation of the plant under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation / Renewal of Authorisation under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary, Movement) Rules 2008 & Amendments thereof.

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21 of Air (Prevention & Control of Pollution) Act 1981 and Authorisation under the provisions of HW (MH & TM) Rules (hereinafter referred to as 'the Acts', 'the Rules') and the rules and orders made thereunder to.

M/s. My Home Industries Ltd., (Plant) (Unit-I, II & III),  
Mellacheruvu Village and Mandal,  
Nalgonda District-508246

E-mail: corp@myhomegroup.in

(hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys as detailed below.

i) Out lets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1.	Domestic Effluents 16 KLD from Unit - I + 144 KLD from Unit-II + 48 KLD from Unit-III after treatment	160 KLD	STP followed by Onland for Irrigation.

ii) Emissions from chimneys:

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow
Unit - I		
1.	Attached to Horizontal Rotary Kiln of 2000 TPD capacity	2,92,000 m <sup>3</sup> /hr
2.	Attached to Cooler	1,40,000 m <sup>3</sup> /hr
3.	Attached to Coal Mill	45,000 m <sup>3</sup> /hr
4.	Attached to Cement Mill	20,000 m <sup>3</sup> /hr
5.	Attached to Packing Plant/Packer	--
6.	Attached to Vertical raw mill	--
7.	Attached to Clinker storage, LS Crusher, Coal Crusher, Hopper tops, Silo tops (Raw Meal and Cement Silos), Belt Conveyor transfer points, Clinker dropping etc for handling clinker, cement & gypsum.	--
Unit - II		
8.	Attached to Horizontal Rotary Kiln of 2800 TPD	3,64,000 m <sup>3</sup> /hr

capacity		
9.	Attached to Clinker Cooler	2,70,000 m <sup>3</sup> /hr
10.	Attached to Cement Mill	58,600 m <sup>3</sup> /hr
11.	Attached to Coal Mill	63,000 m <sup>3</sup> /hr
12.	Attached to LS Crusher	70,000 m <sup>3</sup> /hr
13.	Attached to Coal Crusher	5,000 m <sup>3</sup> /hr
14.	Attached to Clinker storage, LS crusher, coal crusher, Hopper tops, silo tops, belt conveyor transfer point, clinker droppings etc.	--
<b>Unit-III</b>		
15.	Attached to 1.09 MTPA rotary kiln - 3	5,75,000 m <sup>3</sup> /hr
16.	Attached to Clinker Cooler - 3	4,50,000 m <sup>3</sup> /hr
17.	Attached to Cement Mill - 4 & 5	60,000 m <sup>3</sup> /hr
18.	Attached to Coal Mill - 3	1,00,000 m <sup>3</sup> /hr
19.	Attached to LS Crusher - 3	75,000 m <sup>3</sup> /hr
20.	Attached to Hopper tops, silo tops, belt conveyor transfer point, clinker droppings etc.	--
21.	Attached to 2 X 1944 KVA + 1 X 125 KVA D.G. Set (common for unit-I, II & III)	--

iii) **HAZARDOUS WASTE AUTHORISATION (FORM - II) [See 5 (4)]**

1. Number of Authorisation and date of issue - APPCB/NLG/NLG/29/HWM Dt: /09/2012.

2. M/s. My Home Industries Ltd., (Plant) Unit - I, II & III Mellacheruvu (V & M), Nalgonda District., Is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

• **HAZARDOUS WASTES WITH RECYCLING OPTION:**

S. No.	Name of the Hazardous waste	Stream	Quantity of Hazardous waste	Disposal Option.
1.	Used oils & Waste lube oil	5.1 of Schedule - I	4.8.KLPA	Authorized Reprocessors / Recyclers.
2.	Waste grease	5.1 of Schedule - I	860kg/ year	
3.	Hy-chrome forged grinding media	13.1 of Schedule - I	9.5 TPA	
4.	Spent organic solvents	28.5 of Schedule - I	4000 TPM	For co-processing.

This consent order is valid to manufacture the following products along with quantities only.

S.No.	Product	Quantity
<b>Unit - I</b>		
1.	Cement	2400 TPD* or 0.792 Million TPA
<b>Unit - II</b>		
2.	Cement	3360 TPD** or 1.108 Million TPA
<b>Unit - III</b>		
3.	Cement	1.40 MTPA*** (Million TPA)

\* The cement production is inclusive of 2000 TPD of clinker production for Unit - I.

\*\* The cement production is inclusive of 2800 TPD of clinker production for Unit - II

\*\*\* The cement production is inclusive of 1.09 MTPA of clinker production for Unit - III

This order is subject to the provisions of 'the Acts' and the Rules' amendments made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This combined order of consent & Hazardous Waste Authorisation shall be valid for a period ending with the 30<sup>th</sup> day of June 2013.

Sd/-  
MEMBER SECRETARY

To  
M/s. My Home Industries Ltd., (Plant) (Unit-I, II & III),  
Mellacheruvu Village and Mandal,  
Nalgonda District-508246

// T.P.B.O. //

JOINT CHIEF ENVIRONMENTAL ENGINEER (CFO)

**SCHEDULE - A**

1. The applicant shall make applications for renewal of Consent (under Water and Air Acts) and Authorisation under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts for obtaining Consent & HW Authorisation of the Board.
2. All other conditions (except Condition.No.1) stipulated in the Schedule - A of the earlier combined CFO & HWA order No. APPCB/PTN/NLG/163/CFO/HO/2007-2491, dated 05.03.2007 remains same.
3. The Industry shall ensure consistent compliance of conditions of this Schedule-A.

**SCHEDULE - B**

**Special Conditions**

1. The effluent discharged shall comply with the tolerance limits mentioned below:

Outlet	Parameter	Limiting Standards
1	pH	6.5 - 8.5
	Total Suspended Solids	100 mg/l
	Oil and Grease	10 mg/l
	Biochemical Oxygen Demand (3 days at 27 <sup>o</sup> C)	100 mg/l
	Chemical Oxygen Demand	250 mg/l
	Total Dissolved Solids (TDS)	2100 mg/l

2. The industry shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities mentioned below:

S.No	Purpose	Quantity in KLD
1.	Process	450
2.	Cooling	540
3.	Dust suppression	60
4.	Domestic	260
5.	Gardening/Irrigation	180
Total		1490

3. The industry shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month along with water meter readings. The industry shall remit water cess as per the assessment orders as and when issued by Board.
4. The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

Chimney No	Parameter	Emission Standards
1 - 20	Particulate matter	50 mg/Nm <sup>3</sup>

5. The industry shall comply with emission limits for DG sets of capacity upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets of capacity more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.

6. The industry shall comply with ambient air quality standards of PM<sub>10</sub> (Particulate Matter size less than 10 µm) - 100 µg/ m<sup>3</sup>; PM<sub>2.5</sub>(Particulate Matter size less than 2.5 µm) - 60 µg/ m<sup>3</sup>; SO<sub>2</sub> - 80 µg/ m<sup>3</sup>; NO<sub>x</sub> - 80 µg/ m<sup>3</sup>, outside the factory premises at the periphery of the industry.

Standards of other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009

Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A)

Night time (10 PM to 6 AM) - 70 dB (A).

6. The Industry shall not increase the capacity beyond the permitted capacity mentioned in CFE & CFO order of the Board.
7. *The Industry shall not manufacture any product, other than the mentioned in this order, without CFE & CFO of the Board.*
8. *The industry shall commission Sewage Treatment Plant for treatment of domestic effluents within six months and report the compliance to RO, Nalgonda.*
7. The industry shall under take callbration of online monitoring system at regular intervals and calibration schedule shall be submitted to the Board.
8. The industry shall furnish performance evaluation report of Reverse Air Bag House (RABH) provided to raw mill kiln - II to control particulate emissions, to the Board every three months.
9. The industry shall improve the design & operating practices of the pollution control equipments to achieve a load based norm of 227 gm/T of feed as per specific condition of E.C. dated.13.09.2001 obtained from MoEF, Gol.
10. The industry shall carry out performance evaluation of Air Pollution Control Equipments provided to the kilns & at other transfer points and shall submit details to the R.O., Nalgonda within a month along with monitoring reports.
11. The industry shall maintain the register on daily consumption of coke breeze, petroleum coke, coal dust and other raw materials & details of the OP cement produced. The consolidated records on pattern of various raw material consumption and production details shall be furnished to the R.O., Nalgonda for every three months.
12. The industry shall provide bag filters for de-dusting of additional blending silo, cement silos, fly ash silo & packing plants as per E.C, Dt. 13.09.2001.
13. The industry should use dry-process pre-calcinator technology for manufacturing of cement. The industry should maintain the records on clinker production, utilized for cement production and stocks maintained at on-site and should submit consolidated reports to the Regional Office of the Board once in six months.
14. The waste water should be recycled and reused for greenbelt development, dust suppression and should adopt zero discharge as per E.C., obtained from MoEF, GOL.
15. The industry shall install adequate dust collection and extraction system to control fugitive emissions at various transfer points and the dust collected from pollution control equipments shall be recycled back into the process.
16. All the roads in the plant area shall be asphalted /concreted and water shall be sprayed to reduce fugitive dust emissions.
17. As per CPCB, New Delhi vide letter dated. 12.12.2006 regarding policy on use of high calorific value hazardous waste as a fuel in cement kiln, the industry shall explore use of high calorific value hazardous wastes like ETP sludge, TDI Tar waste, Tyre chips, paint sludge & refinery sludge as fuel along with coal in cement kilns and furnish report to the Board.
18. The industry shall provide separate water meters with necessary pipeline for assessing the quantity of water used for each of the purposes mentioned below.
  - a. Industrial cooling, boiler feed.
  - b. Domestic purposes.
  - c. Processing, whereby water gets polluted and pollutants are easily biodegradable.

- d. Processing, whereby water gets polluted and pollutants are not easily biodegradable.
19. The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection.
  - a. Daily production details, RG-I records and Central Excise Returns.
  - b. Quantity of Effluents generated.
  - c. Log Books for pollution control systems.
20. The industry should complete the greenbelt development in an extent of 27 ha. within six months and report the compliance to the Board.
21. Thick green belt shall be developed & maintained by the industry with tall growing trees in the vacant spaces of the premises.
22. The industry should install and commission Online monitoring station for stack and AAQ stations within three months and connect the same to the Board in consultation with RO, Nalgonda and Head Office.
23. The industry should undertake eco-development measures including community welfare measures in the project area.
24. *The industry shall provide standby internet connectivity to the online stack emission systems and report the compliance to RO, Nalgonda.*
25. *The industry shall earmark an amount of Rs 1.21 Crores per annum for 10 years towards the Enterprise Social Responsibility (ESR) activities. The industry shall earmark this amount towards the Enterprise Social Responsibility (ESR) activities and spend the amount under ESR activities through ESR/CSR Cell in the office of the District Collector.*
26. The applicant shall submit Environment statement in Form V before 30<sup>th</sup> September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.

**SCHEDULE - C**

[ see rule 5(4) ]

**[ CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING HAZARDOUS WASTES ]**

1. The industry shall give top priority for waste minimization and cleaner production practices.
2. The industry shall not store hazardous waste for more than 90 days as per the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and amendments thereof.
3. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal.
4. The industry shall not dispose Waste oils to the traders and the same shall be disposed to the authorized Reprocessors/ Recyclers.
5. The industry shall dispose Used Lead Acid Batteries to the manufacturers / dealers on buyback basis.
6. The industry shall not dispose spent solvents / mixed spent solvents to the traders.
7. The industry shall take necessary practical steps for prevention of oil spillages and carry over of oil from the premises.
8. The industry shall maintain 6 copy manifest system for transportation of waste generated and a copy shall be submitted to Board Office and concerned Regional Office.
9. The industry shall maintain good house keeping & maintain proper records for Hazardous Wastes stated in Authorisation.
10. The industry shall maintain proper records for Hazardous Wastes stated in Authorisation in FORM-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and

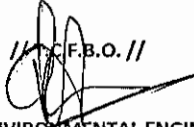
file annual returns in Form- 4 as per Rule 22(2) of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008 and amendments thereof.

11. The industry shall submit the condition wise compliance report of the conditions stipulated in Schedule B & C of this Order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.
12. The industry shall dispose of e-waste to the authorised recyclers only.
13. The industry shall conform to the co-processing guidelines of CPCB in sending wastes to co-processing for cement plants.

Sd/-  
MEMBER SECRETARY

To  
M/s. My Home Industries Ltd., (Plant) (Unit-I, II & III),  
Mellacheruvu Village and Mandal,  
Nalgonda District-S08246

// C.F.B.O. //



JOINT CHIEF ENVIRONMENTAL ENGINEER (CFO)

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**ANDHRA PRADESH POLLUTION CONTROL BOARD**  
PARYAVARAN BHAVAN, A-3, INDUSTRIAL ESTATE,  
SANATHNAGAR, HYDERABAD - 500 018.

Phone: 040-23887500  
Fax: 040- 23815631  
Grams : Kalusya Nivarana  
Website : appcb.ap.nic.in

BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

**Consent Order No : APPCB/PTN/NLG/185/HO/CFO/2010-2635** **Date: 04.03.2010.**

**Sub :** M/s. My Home Industries Ltd., (Plant), Unit - III, Srinagar, Mellacheruvu (V&M) Nalgonda District, - Combined CFO & HWA order - Amendment - issued - Reg.

**Ref :**

1. APPCB/PTN/NGL/185/HO/CFO/2008-1018 dated 10.07.2008.
2. APPCB/PTN/NGL/185/HO/CFO/2008-1018 dated 04.01.2009.
3. Industry's Air and Water applications dated 13.11.2009.
4. CFO committee meeting held on 23.01.2010.

The Board vide reference 1<sup>st</sup> & 2<sup>nd</sup> cited has issued combined CFO & HWA orders to M/s. My Home Industries Ltd., (Plant), Unit - III, Srinagar, Mellacheruvu (V&M) Nalgonda District for the following capacities, under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorisation under Rule 5(4) of the Hazardous Wastes (Management, Handling and Transboundary movement) Rules, 2008 and Amendment thereof) and amendments thereof.

**i) Products:**

S.No.	Products	Quantity	Validity
1	Clinker	0.9 MTPA	CFO order dated 10.07.2008
2	Cement	1.4 MTPA	31.01.2011
3	Clinker	0.19 MTPA	CFO order dated 04.01.2009
			30.11.2009

The industry vide reference 3<sup>rd</sup> cited has applied for CFO renewal for expansion capacity as the CFO was expired and requested the Board for issue of single Consent for existing and expansion capacity. The issue of CFO renewal to the industry was reviewed in the CFO committee meeting held on 23.01.2010 and the Committee has recommended to issue CFO upto 30.06.2012. The Board after careful consideration of Industry's CFO applications, Inspection report of R.O, Nalgonda & recommendations of CFO committee hereby issues the following Amendment to CFO order dated: 10.07.2008 issued vide reference 1<sup>st</sup> cited under section 25/26 of the Water (Prevention & Control of Pollution), Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 and Authorisation under Rule 5(4) of the Hazardous Wastes (Management, Handling and Transboundary movement) Rules, 2008 and Amendment thereof) and amendments thereof.

**i) Products:**

This consent order is valid to manufacture the following products along with quantities only.

S.No	Product*	Quantity
1	Clinker	1.09 MTPA
2	Cement	1.40 MTPA

(\* The cement production is inclusive of the clinker production.)

**ii) Water Pollution:**

Outlet No.	Description of Outlet	Max daily discharge in KLD	Method of treatment and disposal
1	Domestic	48.0	STP followed by gardening

III) Air Pollution:

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow
1.	Attached to 1.09 MTPA rotary kiln - 3	5,75,000 m <sup>3</sup> /hr
2.	Attached to Clinker Cooler - 3	4,50,000 m <sup>3</sup> /hr
3.	Attached to Cement Mill - 4 & 5	60,000 m <sup>3</sup> /hr
4.	Attached to Coal Mill - 3	1,00,000 m <sup>3</sup> /hr
5.	Attached to LS Crusher - 3	75,000 m <sup>3</sup> /hr
6.	Attached to Hopper tops, silo tops, belt conveyor transfer point, clinker droppings etc.	-
7.	Attached to 2 X 1944 KVA + 1 X 125 KVA D.G. Set (common for unit-I, II & III)	-

IV) HAZARDOUS WASTE AUTHORISATION (FORM - II) [See Rule 5 (4)]

HW Authorisation No. - NLG-131/PCB/HWM/2010-

Dt: 04/03/2010.

M/s. My Home Industries Ltd., (Plant) Unit-III, Srinagar, Mellacheruvu (V & M), Nalgonda District, is hereby granted an authorization to operate a facility for collection, reception, storage, transport and disposal of the following wastes with quantities as below:

1. HAZARDOUS WASTES WITH DISPOSAL OPTION:

S. No.	Name of the Hazardous Waste	Stream	Quantity of Hazardous Waste	Disposal Option
1.	Used oils & Waste lube oil	5.1 of Schedule-I	1200 Lt./year	Should be sent to authorized reprocessors / Recyclers.
2.	Waste grease	5.2 of Schedule-I	140 kg/ year	Should be used at DBC / reclaimers chains by mixing with fresh grease.

This order is subject to the provisions of 'the Acts' and the Rules' and amendments made thereunder and further subject to the terms and conditions incorporated in the schedule A, B enclosed to this order.

This combined order of Consents and Authorization is valid for a period ending with the 30<sup>th</sup> day of June 2012.

Sd/-  
MEMBER SECRETARY

To

M/s. My Home Industries Ltd., (Plant),  
Unit - III, Srinagar,  
Mellacheruvu (V&M)  
Nalgonda District

// T.O.F.B.O //

*[Signature]*  
10/3/10  
JOINT CHIEF ENVIRONMENTAL ENGINEER (CFO)

SCHEDULE - A

All the conditions stipulated in the Schedule - A of the earlier combined order of CFO No. APPCB/PTN/NLG/186/CFO/HO/2008-1018 dated 10.07.2008 remains same. The industry should ensure consistent compliance of each condition of Schedule -A.

**SCHEDULE - B**

1. The effluent discharged should comply with the tolerance limits prescribed below:

Outlet	Parameter	Concentration
1.	pH	5.50 – 9.00
	TSS	200 mg/l
	Oil and Grease	10 mg/l
	Biochemical Oxygen Demand (3 days at 27°C)	100 mg/l

2. The industry should take steps to reduce water consumption to the extent possible and consumption should NOT exceed the quantities prescribed below:

S.No	Purpose	Quantity in KLD
1.	Process, washings, cooling make up & Water sprinkling	200.0
2.	Domestic	60.0
	<b>Total</b>	<b>260.0</b>

3. The industry should file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month along with water meter readings. The industry should remit water cess as per the assessment orders as and when issued by Board.
4. The industry should comply with the National ambient air quality standards as per MoEF, GOI notification dated. 18.11.2009 inside and outside the factory premises as prescribed below.

S.No	Parameters	Standards in $\mu\text{g}/\text{m}^3$
1.	Particulate Matter( $\text{PM}_{10}$ )	100
2.	Particulate Matter ( $\text{PM}_{2.5}$ )	60
3.	SO <sub>2</sub>	80
4.	NO <sub>x</sub>	80

**Noise Levels:** Day time (6 AM to 10 PM) - 75 dB (A)  
Night time (10 PM to 6 AM) - 70 dB (A).

5. The industry should not produce beyond the permitted capacity as mentioned in this order, without obtaining prior CFE & CFO of the Board.
6. **The industry should maintain bio indicators around plant boundary.**
7. The industry should use dry-process pre-calcinator technology for manufacturing of cement. The industry should maintain the records on clinker production, utilized for cement production and stocks maintained at on-site and should submit consolidated reports to the Regional Office of the Board **once in six months.**
8. The waste water should be recycled and reused for greenbelt development, dust suppression and should adopt zero discharge as per E.C., obtained from MoEF, GOI.
9. The industry should install adequate dust collection and extraction system to control fugitive emissions at various transfer points and the dust collected from pollution control equipments should be recycled back into the process.
10. The industry should store all the raw materials in closed sheds only.
11. All the roads in the plant area should be asphalted /concreted and water should be sprayed to reduce fugitive dust emissions.
12. The industry should use high calorific value hazardous waste as a fuel in cement kiln, the industry should explore use of high calorific value hazardous wastes like ETP sludge, TDI Tar waste, Tyre chips, paint sludge & refinery sludge as fuel along with coal in cement kilns and furnish report to the Board.
13. The industry should complete the greenbelt development in an extent of 27 ha. **within six months** and report the compliance to the Board.
14. The industry should undertake eco-development measures including community welfare measures in the project area.
15. The industry should apply combinedly for unit-I, II & III for the next GFO renewal.
16. The industry should provide and maintain separate energy meter to air pollution control equipment **within a month** and should maintain them in good condition.

17. The applicant should submit Environment statement in Form V before 30<sup>th</sup> September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.

**SCHEDULE – C**

[ see rule 5(4)]

**[ CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING  
HAZARDOUS WASTES ]**

1. The industry should give top priority for waste minimization and cleaner production practices.
2. The industry should not store hazardous waste for more than 90 days as per the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and amendments thereof.
3. The industry should store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal.
4. The industry should not dispose Waste oils to the traders and the same should be disposed to the authorized Reprocessors/ Recyclers.
5. The industry should dispose Used Lead Acid Batteries to the manufacturers / dealers on buyback basis.
6. The industry should take necessary practical steps for prevention of oil spillages and carry over of oil from the premises.
7. The industry should maintain 6 copy manifest system for transportation of waste generated and a copy should be submitted to Board Office and concerned Regional Office.
8. The industry should maintain good house keeping & maintain proper records for Hazardous Wastes stated in Authorisation.
9. The industry should maintain proper records for Hazardous Wastes stated in Authorisation, in FORM-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form- 4 as per Rule 22(2) of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008 and amendments thereof.
10. The industry should submit the condition wise compliance report of the conditions stipulated in Schedule A, B & C of this Order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.

**Sd/-  
MEMBER SECRETARY**

To

M/s. My Home Industries Ltd., (Plant),  
Unit – III, Srinagar,  
Mellacheruvu (V&M),  
Nalgonda District

// T.C.F.B.O //

  
JOINT CHIEF ENVIRONMENTAL ENGINEER(CFO)



RENEWAL CONSENT & AUTHORISATION ORDER  
BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Consent Order No : APPCB/PTN/NGL/163/HO/2009- ~~1330~~ Date: 19.08.2009.

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof, Operation of the plant under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and amendments thereof and Authorisation / Renewal of Authorisation under Rule 5 of the Hazardous Wastes (Management & Handling) Rules 1989 & Amendment Rules).

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorisation under the provisions of HW (M & H) Rules (hereinafter referred to as 'the Acts', 'the Rules') and the rules and orders made thereunder to

M/s. My Home Industries Ltd., (Plant)  
Unit-I & II, Mellacheruvu Village and Mandal,  
Nalgonda District.  
E-mail: mahacement@myhomegroup.in

(hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys as detailed below.

i) Out lets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1.	Domestic Effluents (16 KLD from Unit - I + 144 KLD from Unit-II) after treatment	160 KLD	Onland for Irrigation.

ii) Emissions from chimneys:

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow
<b>Unit - I</b>		
1.	Attached to Horizontal Rotary Kiln of 2000 TPD capacity	2,92,000 m <sup>3</sup> /hr
2.	Attached to Cooler	1,40,000 m <sup>3</sup> /hr
3.	Attached to Coal Mill	45,000 m <sup>3</sup> /hr
4.	Attached to Cement Mill	20,000 m <sup>3</sup> /hr
5.	Attached to Packing Plant/Packer	--
6.	Attached to Vertical raw mill	--
7.	Attached to Clinker storage, LS Crusher, Coal Crusher, Hopper tops, Silo tops (Raw Meal and Cement Silos), Belt Conveyor transfer points, Clinker dropping etc for handling clinker, cement & gypsum.	--
<b>Unit - II</b>		
8.	Attached to Horizontal Rotary Kiln of 2800 TPD capacity	3,64,000 m <sup>3</sup> /hr
9.	Attached to Clinker Cooler	2,70,000 m <sup>3</sup> /hr
10.	Attached to Cement Mill	58,600 m <sup>3</sup> /hr
11.	Attached to Coal Mill	63,000 m <sup>3</sup> /hr
12.	Attached to LS Crusher	70,000 m <sup>3</sup> /hr
13.	Attached to Coal Crusher	5,000 m <sup>3</sup> /hr
14.	Attached to Clinker storage, LS crusher, coal crusher, Hopper tops, silo tops, belt conveyor transfer point, clinker droppings etc.	--

iii) **HAZARDOUS WASTE AUTHORISATION (FORM - II) [See 5 (4)]**

1. Number of Authorisation and date of issue - NLG-29 / PCB / HWM / 2009 Dt:19 /08/2009.
2. M/s. My Home Industries Ltd., (Plant) Unit - I & II, Mellacheruvu (V & M), Nalgonda District is hereby granted an authorisation to operate a facility for collection, reception, storage, transport and disposal of the following wastes with quantities as below:

• **HAZARDOUS WASTES WITH RECYCLING OPTION:**

Sl. No.	Name of the Hazardous Waste	Stream	Quantity of Hazardous Waste	Method of Disposal
1.	Used oils & Waste lube oil	5.1 of Schedule-I	4.8 KLA	Should be sent to authorised reprocessors / Recyclers .
2.	Waste grease	5.2 of Schedule-I	860kg/ year	Should be used as reclaimers for chains by mixing with fresh grease.
3.	Hy-chrome forged grinding media	---	9.5 TPA	Should be used as counter weights at packing plant as well as belt conveyors

This consent order is valid to manufacture the following products along with quantities only.

S.No.	Product	Quantity
Unit - I		
1.	Cement	2400 TPD*
Unit - II		
2.	Cement	3360 TPD**

\* The cement production is inclusive of 2000 TPD of clinker production for unit - I.

\*\* The cement production is inclusive of 2800 TPD of clinker production for unit - II

This order is subject to the provisions of 'the Acts' and the Rules' amendments made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This combined order of consent & Hazardous Waste Authorisation should be valid for a period ending with the 30<sup>th</sup> day of June 2012.

**Sd/-**  
**MEMBER SECRETARY**

To

**M/s. My Home Industries Ltd, (Unit-I&II)**  
**Mellacheruvu (V) & (M),**  
**Nalgonda District.**

// T.C.F.B.O //  
  
**JOINT CHIEF ENVIRONMENTAL ENGINEER (CFO)**

**SCHEDULE – A**

" All the conditions stipulated in the Schedule – A of the earlier combined CFO & HWA order No: APPCB/PTN/NLG/163/CFO/HO/2007-2491, dated 05.03.2007 remains same. The industry should ensure consistent compliance of each condition of Schedule-A".

Sd/-  
**MEMBER SECRETARY**

**SCHEDULE - B**

**Special Conditions**

1. The effluent discharged should comply with the tolerance limits mentioned below:

Outlet No.	Parameter	Concentration
1.	pH	5.50 – 9.00
	TSS	200 mg/l
	Oil and Grease	10 mg/l
	Biochemical Oxygen Demand (3 days at 27°C)	100 mg/l

2. The industry should take steps to reduce water consumption to the extent possible and consumption should NOT exceed the quantities mentioned below:

S.No	Purpose	Quantity in KLD
1.	Process	250
2.	Cooling	540
3.	Dust suppression	60
4.	Domestic	200
5.	Gardening/Irrigation	180
<b>Total</b>		<b>1230</b>

3. The industry should file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month along with water meter readings. The Industry should remit water cess as per the assessment orders as and when issued by Board.
4. The emissions should not contain constituents in excess of the prescribed limits mentioned below.

Chimney No.	Parameter	Emission Standards
1 to 14	SPM	50 mg/Nm <sup>3</sup>

5. The industry should comply with ambient air quality standards inside and outside the factory premises as mentioned below.

S.No	Parameters	Standards in µg/m <sup>3</sup> ;
1.	TSPM	200
2.	RSPM	100
3.	SO <sub>2</sub>	80
4.	NO <sub>x</sub>	80

**Noise Levels:** Day time (6 AM to 10 PM) - 75 dB (A)  
Night time (10 PM to 6 AM) - 70 dB (A).

6. The industry should not increase the capacity beyond the permitted capacity mentioned in this order, without obtaining CFE & CFO of the Board.
7. The industry should under take calibration of online monitoring system at regular intervals and calibration schedule should be submitted to the Board **within a month**.
8. The industry should furnish performance evaluation report of Reverse Air Bag House (RABH) provided to raw mill kiln - II to control particulate emissions, to the Board **every three months**.
9. The industry should improve the design & operating practices of the pollution control equipments to achieve a load based norm of **227 gm/T of feed** as per specific condition of E.C. dated.13.09.2001 obtained from MoEF, Gol. ~~\_\_\_\_\_~~

10. The industry should carry out performance evaluation of Air Pollution Control Equipments provided to the kilns & at other transfer points and should submit details to the R.O., Nalgonda **within a month** along with monitoring reports.
11. The industry should maintain the register on daily consumption of coke breeze, petroleum coke, coal dust and other raw materials & details of the OP cement produced. The consolidated records on pattern of various raw material consumption and production details should be furnished to the R.O., Nalgonda for every **three months**.
12. The industry should provide bag filters for de-dusting of additional blending silo, cement silos, fly ash silo & packing plants as per E.C, Dt. 13.09.2001.
13. The industry should install adequate dust collection and extraction system to control fugitive emissions at various transfer points and the dust collected from pollution control equipments should be recycled back into the process.
14. All the roads in the plant area should be asphalted /concreted and water should be sprayed to reduce fugitive dust emissions.
15. As per CPCB, New Delhi vide letter dated. 12.12.2006 regarding policy on use of high calorific value hazardous waste as a fuel in cement kiln, the industry should explore use of high calorific value hazardous wastes like ETP sludge, TDI Tar waste, Tyre chips, paint sludge & refinery sludge as fuel along with coal in cement kilns and furnish report to the Board.
16. The applicant should submit Environment statement in Form V before 30<sup>th</sup> September every year as per Rule No.14 of E(P) Rules, 1986 & amendments.

Sd/-  
MEMBER SECRETARY

**SCHEDULE - C**  
[ see rule 5(4)]  
**[ CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING  
HAZARDOUS WASTES ]**

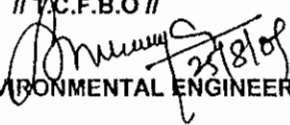
1. The industry should give top priority for waste minimization and cleaner production practices.
2. The industry should not store hazardous waste for more than 90 days as per the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008.
3. The industry should store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal.
4. The industry should not dispose Waste oils to the traders and the same should be disposed to the authorized Reprocessors/ Recyclers.
5. The industry should dispose Used Lead Acid Batteries to the manufacturers / dealers on buyback basis.
6. The industry should take necessary practical steps for prevention of oil spillages and carry over of oil from the premises.
7. The industry should maintain 6 copy manifest system for transportation of waste generated and a copy should be submitted to Board Office and concerned Regional Office.
8. The industry should maintain good house keeping & maintain proper records for Hazardous Wastes stated in Authorisation.
9. The industry should maintain proper records for Hazardous Wastes stated in Authorisation in FORM-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form- 4 as per Rule 22(2) of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008.
10. The industry should submit the condition wise compliance report of the conditions stipulated in Schedule B & C of this Order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.

Sd/-  
MEMBER SECRETARY

To

M/s. My Home Industries Ltd, (Unit-I&II)  
Mellacheruvu (V) & (M),  
Nalgonda District.

// T.C.F.B.O //



JOINT CHIEF ENVIRONMENTAL ENGINEER (CFO)

GK



**CONSENT & AUTHORISATION ORDER  
BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE**

**Consent Order No : APPCB/PTN/NGL/185/HO/2008- 2620**

**Date : 04.01.2009**

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act,1974 and amendments thereof, Operation of the plant under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation / Renewal of Authorisation under Rule 5 of the Hazardous Wastes (Management & Handling) Rules 1989 & Amendment Rules).

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21 of Air (Prevention & Control of Pollution) Act 1981 and Authorisation under the provisions of HW (M & H) Rules (hereinafter referred to as 'the Acts', 'the Rules') and the rules and orders made thereunder to

M/s. My Home Industries Ltd., (Plant),(Expansion),  
Unit-III, Mellacheru (V & M),  
Nalgonda Districtfs  
E-mail: myhome@hd2.dot.net.in

(hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys as detailed below.

**i) Out lets for discharge of effluents:**

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
--	--	--	--

**ii) Emissions from chimneys:**

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow
1.	As mentioned in the combined CFO & HWA order dt. 10.07.2008.	

**iii) HAZARDOUS WASTE AUTHORISATION (FORM – II) [See Rule 3(C) & 5 (5)]**

- Number of Authorisation and date of issue – NLG-131/PCB/HWM/2008  
Dt: 04/01/2009
- The Managing Director, M/s. My Home Industries Ltd., (Plant) Unit-III, Srinagar, Mellacheruvu (V & M),Nalgonda District is hereby granted an authorisation to operate a facility for collection, reception, storage, transport and disposal of the following wastes with quantities as below:

**• HAZARDOUS WASTES WITH RECYCLING OPTION:**

S. No.	Name of the Hazardous Waste	Stream	Quantity	Disposal option
1	Used oils & Waste lube oil	5.1 of Schedule - I	1200 L/year	Shall be used in kiln for initial firing
2	Waste grease	5.2 of Schedule - I	140kg/year	Shall be used at DBC / reclaimers chains by mixing with fresh grease.

This consent order is valid to manufacture the following products along with quantities only.

S.No.	Product	Quantity
1.	Clinker	0.19 MTPA

This order is subject to the provisions of 'the Acts' and the Rules' and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This combined order of consent & Hazardous Waste Authorisation shall be valid for a period ending with the 30<sup>th</sup> November, 2009.

Sd/-  
MEMBER SECRETARY

To

M/s. My Home Industries Ltd, (Unit-III), Expansion,  
Srinagar, Mellacheruvu (V) & (M),  
Nalgonda District.

// T.C.F.B.O. //

Joint Chief Environmental Engineer (CFO)

## SCHEDULE - A

All the conditions stipulated in the Schedule - A of the earlier combined order of CFO No.APPCB/PTN/NGL/185/HO/2008-1018 dated 10.07.2008 remains same. The industry shall ensure consistent compliance of each condition of Schedule -A.

Sd/-  
MEMBER SECRETARY

## SCHEDULE - B

### Special Conditions

1. The industry shall comply with all the conditions stipulated in the Schedule - B of combined CFO & HWA order No.APPCB/PTN/NGL/185/HO/2008-1018 dated 10.07.2008. The industry shall ensure consistent compliance of each condition of Schedule -B.
2. The industry shall maintain the compliance of conditions stipulated in E.C., dt. 25.05.2006.
3. The industry shall maintain the compliance of conditions stipulated in CFE order dt. 15.09.2008.

Sd/-  
MEMBER SECRETARY

## SCHEDULE - C

[ see rule 3(c) and 5(5)]

### [ CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING HAZARDOUS WASTES ]

1. The industry shall give top priority for waste minimization and cleaner production practices.
2. The industry shall not store hazardous waste for more than 90 days as per the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules,2008.
3. The industry shall dispose the used lead acid batteries to the manufacturer / authorized dealer on buy back basis.
4. The industry shall furnish every month the quantities of hazardous waste generated and the mode of disposal. It shall also furnish the list of agencies to which the same has been disposed off to the concerned Regional Office.
5. The industry shall not dispose spent acids / Waste oils / spent solvents / Non-ferrous metal scrap and Used lead acid batteries to the traders and the same shall be disposed to the authorised Reprocessors/ Recyclers only.
6. Industry shall dispose / sell the hazardous wastes to only reprocessors / recyclers agencies authorized by State Pollution Control Boards. They shall verify the authorization of the Board given to the reprocessors / recyclers before disposing their wastes.
7. The industry shall store the Hazardous Wastes covered under HWM Rules in a secured way i.e. on a raised platform under a shed in a designated place with sign boards in their premises till its disposal.
8. The industry shall collect all the used Containers & Container Liners and use them for storing of Hazardous Waste and Chemicals to the possible extent and store at a designated place.
9. The industry shall provide necessary detoxification facility at a designated place for carrying out detoxification of the used containers and container liners and maintain manifest system for detoxification and records for it and the waste generated from detoxification shall be treated and disposed of safely. The details of disposal of detoxified container and container liners clearly indicating the agencies to whom it is disposed shall inform to concerned Regional Officer.
10. The industry may dispose Incinerable wastes such as Waste mineral oil, sludge, Spent Carbon, Organic residue/still residue and High calorific value wastes to Authorised Cement industries for using as an alternate fuel

11. The detoxified containers and container liners shall be collected and stored in a separate designated place. Before disposal, the industry shall inform the concerned Regional Office atleast 15 days in advance, the number and the agencies to whom the containers are being disposed. The Officials of Regional Office may inspect the detoxified containers and verify the detoxification status and the number of containers before their disposal from the industrial premises.
12. The industry shall take necessary practical steps to prevention spillage of effluents, waste oil, hazardous chemicals and hazardous wastes on land.
13. The industry shall not bring any Spent Solvents/ Hazardous Wastes covered under HWM Rules from outside the state into Andhra Pradesh.
14. The industry shall maintain 6 copy manifest system for transportation of waste generated and a copy shall be submitted to Board Office and concerned Regional Office.
15. The industry shall maintain proper records for Hazardous Wastes stated in Authorisation (FORM-III), i.e., quantity of Incinerable waste, land disposal waste recyclable waste etc., and file annual returns in Form-IV as per Rule 9(2) of the Hazardous Waste (Management & Handling) Rules, 1989 as amended to the Board.
16. The unit shall submit the condition wise compliance report of the conditions stipulated in Schedule B & C of this order on half yearly basis to Board Office, Hyderabad and concerned Regional Office

Sd/-

MEMBER SECRETARY

To ✓

M/s. My Home Industries Ltd, (Unit-III), Expansion  
Srinagar, Mellacheruvu (V) & (M),  
Nalgonda District.

// T.C.F.B.O. //

Joint Chief Environmental Engineer (CFO)



RENEWAL CONSENT & AUTHORISATION ORDER  
BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Consent Order No : APPCB/PTN/NGL/185/HO/2008- 10/18

Date : 10.07.2008

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof, Operation of the plant under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation / Renewal of Authorisation under Rule 5 of the Hazardous Wastes (Management & Handling) Rules 1989 & Amendment Rules).

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21 of Air (Prevention & Control of Pollution) Act 1981 and Authorisation under the provisions of HW (M & H) Rules (hereinafter referred to as 'the Acts', 'the Rules') and the rules and orders made thereunder to

M/s. My Home Industries Ltd., (Plant)  
Unit-III, Mellacheru (V & M),  
Nalgonda District  
E-mail: myhome@hd2.dot.net.in

(hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys as detailed below.

i) Out lets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1.	Domestic Effluents after treatment	48 KLD	Onland for irrigation.

ii) Emissions from chimneys:

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow
1.	Attached to Horizontal Rotary Kiln of 9,00,000 TPA.	5,75,000 m <sup>3</sup> /hr
2.	Attached to Raw Mill Kiln - 3	5,75,000 m <sup>3</sup> /hr
3.	Attached to Clinker Cooler - 3	4,50,000 m <sup>3</sup> /hr
4.	Attached to Cement Mill - 4 & 5	60,000 m <sup>3</sup> /hr
5.	Attached to Coal Mill - 3	1,00,000 m <sup>3</sup> /hr
6.	Attached to LS Crusher - 3	75,000 m <sup>3</sup> /hr
7.	Attached to Coal Crusher	4,000 m <sup>3</sup> /hr
8.	Attached to Hopper tops, silo tops, belt conveyor transfer point, clinker droppings etc.	-
9.	Attached to 2 X 1944 KVA + 1 X 125 KVA D.G. Set (common for unit-I, II & III)	-

iii) HAZARDOUS WASTE AUTHORISATION (FORM - II) [See Rule 3(C) & 5 (5)]

1. Number of Authorisation and date of issue - APPCB/RCP/NLG/131/HWM Dt. 10/07/2008.
2. The General Manager, M/s. My Home Industries Ltd, (Unit -III), Srinagar, Mellacheruvu (V&M), Nalgonda District, is hereby granted an authorisation to operate a facility for collection, reception, storage, transport and disposal of Hazardous Wastes namely

• HAZARDOUS WASTE WITH RECYCLING OPTION

S.No	Name of the Hazardous waste	Stream	Quantity of Hazardous waste per Annum.	Disposal Option
1.	Used Oil / Waste Lubricating Oil.	5.1 of Schedule - I	1.2 KL	Authorised Re-Processors / Re-Cyclers agencies.
2.	Waste Grease	5.2 of Schedule - I	140 Kgs.	Used as reclaimer for chains by mixing with fresh grease (or) Authorised Re-Processors / Re-Cyclers agencies.
3.	Used Lead Acid Batteries.	22 of Schedule - IV	8 No's.	Return to the manufacturers/ dealers on buy back basis.

This consent order is valid to manufacture the following products along with quantities only.

S.No.	Product	Quantity
1.	Clinker	0.9 MTPA
2.	Cement	1.4 MTPA

This order is subject to the provisions of 'the Acts' and the Rules' and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This combined order of consent & Hazardous Waste Authorisation shall be valid for a period ending with the 31<sup>st</sup> day of January 2011.

To

The General Manager,  
M/s. My Home Industries Ltd, (Unit-III)  
Srinagar, Mellacheruvu (V) & (M),  
Nalgonda District.

Sd/-  
MEMBER SECRETARY

// T.C.F.B.O. //

JOINT CHIEF ENVIRONMENTAL ENGINEER (CFO)

**SCHEDULE - A**

All the conditions stipulated in the Schedule - A of the earlier combined order of CFO No. APPCB/PTN/NGL/185/HO/2007-2248, dated 02.02.2007 remains same. The industry shall ensure consistent compliance of each condition of Schedule -A.

Sd/-  
MEMBER SECRETARY

**Special Conditions**

**SCHEDULE - B**

1. The effluent discharged shall comply with the tolerance limits mentioned below:

Outlet	Parameter	Concentration
1.	pH	5.50 - 9.00
	TSS	200 mg/l
	Oil and Grease	10 mg/l
	Biochemical Oxygen Demand (3 days at 27°C)	100 mg/l

2. The industry shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities mentioned below:

S.No	Purpose	Quantity
1.	Process and Cooling	200 KLD
2.	Domestic	60 KLD
	<b>Total</b>	<b>260 KLD</b>

3. The industry shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month along with water meter readings. The industry shall remit water cess as per the assessment orders as and when issued by Board.
4. The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

Chimney No.	Parameter	Emission Standards
1 to 8	SPM	50 mg/Nm <sup>3</sup>
9	SPM	115 mg/Nm <sup>3</sup>

5. The industry shall comply with ambient air quality standards of TSPM - 200 µg/ m<sup>3</sup>; RSPM - 100 µg/ m<sup>3</sup>; SO<sub>2</sub> - 80 µg/ m<sup>3</sup>; NO<sub>x</sub> - 80 µg/ m<sup>3</sup>.

**Noise Levels:** Day time (6 AM to 10 PM) - 75 dB (A)  
Night time (10 PM to 6 AM) - 70 dB (A).

6. The industry shall not increase the capacity beyond the permitted capacity mentioned in this order, without obtaining CFE & CFO of the Board.
7. **The industry shall maintain bio indicators around plant boundary.**
8. The industry shall furnish performance evaluation report of Reverse Air Bag House (RABH) provided to raw mill kiln to control particulate emissions, to the Board within three months.
9. The industry shall use dry-process pre-calculator technology for manufacturing of cement. The industry shall maintain the records on clinker production, utilized for cement production and stocks maintained at on-site and shall submit consolidated reports to the Regional Office of the Board **once in six months.**
10. The waste water shall be recycled and reused for greenbelt development, dust suppression and shall adopt zero discharge as per E.C., obtained from MoEF, GOI.
11. The industry shall install adequate dust collection and extraction system to control fugitive emissions at various transfer points and the dust collected from pollution control equipments shall be recycled back into the process.
12. The industry shall store all the raw materials in closed sheds only.
13. All the roads in the plant area shall be asphalted /concreted and water shall be sprayed to reduce fugitive dust emissions.

14. As per CPCB, New Delhi vide letter dated. 12.12.2006 regarding policy on use of high calorific value hazardous waste as a fuel in cement kiln, the industry shall explore use of high calorific value hazardous wastes like ETP sludge, TDI Tar waste, Tyre chips, paint sludge & refinery sludge as fuel along with coal in cement kilns and furnish report to the Board.
15. The industry shall complete the greenbelt development in an extent of 27 ha. **within six months** and report the compliance to the Board.
16. The recommendations / commitments made during public hearing held on 14.09.2005 at Z.P. High School, Mellacheruvu Village and Mandal, Nalgonda District shall explicitly be followed from pollution control point of view as per CFE order dt. 06.02.2006.
17. The industry shall undertake eco-development measures including community welfare measures in the project area as per E.C., dt. 25.05.2006.
18. All the recommendations of CREP guidelines shall be strictly followed.
19. The industry shall provide separate energy meter to air pollution control equipment **within a month** and shall maintain them in good condition.
20. The applicant shall submit Environment statement in Form V before 30<sup>th</sup> September every year as per Rule No.14 of E(P) Rules, 1986 & amendments.

Sd/-  
MEMBER SECRETARY

**SCHEDULE - C**  
[ see rule 3(c) and 5(5) ]  
**[ CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING  
HAZARDOUS WASTES ]**

1. The industry shall give top priority for waste minimization and cleaner production practices.
2. The industry shall not store hazardous waste for more than 90 days as per the HWM Rules, 2003.
3. The industry shall not dispose Waste oils/ Non-ferrous metal scrap and Used Lead Acid Batteries to the traders and the same shall be disposed to the authorized agencies.
4. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal.
5. The industry shall furnish every month the quantities of hazardous waste generated and the mode of disposal. It shall also furnish the list of agencies to whom the same has been disposed off.
6. The industry shall take necessary practical steps to prevention of oil spillages and carry over of oil from the premises.
7. The industry shall maintain 6 copy manifest system for transportation of waste generated and a copy shall be submitted to Board Office and concerned Regional Office.
8. The industry shall maintain good house keeping & maintain proper records for Hazardous Wastes stated in Authorisation (FORM-III).
9. The unit shall submit the condition wise compliance report of the conditions stipulated in Schedule B & C of this order on half yearly basis to Board Office, Hyderabad and concerned Regional Office

Sd/-  
MEMBER SECRETARY

To

The General Manager,  
M/s. My Home Industries Ltd, (Unit-III)  
Srinagar, Mellacheruvu (V) & (M),  
Nalgonda Distriect.

//T.C.F.B.O.//

  
JOINT CHIEF ENVIRONMENTAL ENGINEER (CFO)



**CONSENT & AUTHORISATION ORDER  
BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE**

Consent Order No : APPCB/PTN/NGL/163/HO/2007 -2491

Date :05.03.2007

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof, Operation of the plant under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation / Renewal of Authorisation under Rule 5 of the Hazardous Wastes (Management & Handling) Rules 1989 & Amendment Rules).

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21 of Air (Prevention & Control of Pollution) Act 1981 and Authorisation under the provisions of HW (M & H) Rules (hereinafter referred to as 'the Acts', 'the Rules') and the rules and orders made thereunder to

M/s. My Home Industries Ltd., (Plant)  
Unit-I & II, Mellacheruvu Village and Mandal,  
Nalgonda District  
E-mail: [mahacement@myhomegroup.in](mailto:mahacement@myhomegroup.in)

(hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys as detailed below.

**i) Out lets for discharge of effluents:**

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1.	Domestic Effluents (16 KLD from Unit - I + 144 KLD from Unit-II) after treatment	160 KLD	Onland for Irrigation.

**ii) Emissions from chimneys:**

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow
<b>Unit - I</b>		
1.	Attached to Horizontal Rotary Kiln of 2000 TPD capacity	2,92,000 m <sup>3</sup> /hr
2.	Attached to Cooler	1,40,000 m <sup>3</sup> /hr
3.	Attached to Coal Mill	45,000 m <sup>3</sup> /hr
4.	Attached to Cement Mill	20,000 m <sup>3</sup> /hr
5.	Attached to Packing Plant/Packer	--
6.	Attached to Vertical raw mill	--
7.	Attached to Clinker storage, LS Crusher, Coal Crusher, Hopper tops, Silo tops (Raw Meal and Cement Silos), Belt Conveyor transfer points, Clinker dropping etc for handling clinker, cement & gypsum.	--
<b>Unit - II</b>		
8.	Attached to Horizontal Rotary Kiln of 2800 TPD capacity	3,64,000 m <sup>3</sup> /hr
9.	Attached to Clinker Cooler	2,70,000 m <sup>3</sup> /hr
10.	Attached to Cement Mill	58,600 m <sup>3</sup> /hr
11.	Attached to Coal Mill	63,000 m <sup>3</sup> /hr
12.	Attached to LS Crusher	70,000 m <sup>3</sup> /hr
13.	Attached to Coal Crusher	5,000 m <sup>3</sup> /hr
14.	Attached to Clinker storage, LS crusher, coal crusher, Hopper tops, silo tops, belt conveyor transfer point, clinker droppings etc.	--

iii) **HAZARDOUS WASTE AUTHORISATION (FORM – II) [See Rule 3(C) & 5 (5)]**

1. Number of Authorisation and date of issue - APPCB/PTN/NGL/163/HWM Dt: 05/03/2007.
2. The Vice President (Works) of M/s. My Home Industries Ltd, (Unit-I&II) is hereby granted an authorized to operate a facility for collection, reception, storage, transport and disposal of Hazardous Wastes namely

S.No	Name of the Hazardous waste	Stream	Quantity of Hazardous waste per Annum.	Disposal Option
1.	Used Oil / Waste Lubricating Oil	5.1 of Schedule – I	4.8 KL	Waste oil re-cyclers/ re-processors authorized by APPCB
2.	Used lead acid batteries	22 of Schedule – IV	32 Nos	Agencies authorized by APPCB.
3.	Waste Grease	5.1 of Schedule-I	860 Kg	Used as reclaimer for chains by mixing with fresh grease.
4.	Hy-chrome Forged Grinding Media	21 of Schedule – IV	9.5 Tons	Used as counter weights at packing plant as well as belt conveyors.

On their premises located at Mellacheruvu (V) & (M), Nalgonda Distirct.

This consent order is valid to manufacture the following products along with quantities only.

S.No.	Product	Quantity
	<b>Unit - I</b>	
1.	Clinker	2000 TPD
2.	Cement	2400 TPD
	<b>Unit - II</b>	
3.	Clinker	2800 TPD
4.	Cement	3360 TPD

This order is subject to the provisions of 'the Acts' and the Rules' and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This combined order of consent & Hazardous Waste Authorisation shall be valid for a period ending with the 30<sup>th</sup> day of June 2009.

Sd/-  
MEMBER SECRETARY

To  
The Vice President (Works)  
M/s. My Home Industries Ltd, (Unit-I&II)  
Mellacheruvu (V) & (M),  
Nalgonda District.

//T.C.F.B.O//

*[Signature]* 06/03/07  
SENIOR ENVIRONMENTAL ENGINEER(CFO)

## SCHEDULE – A

1. The applicant shall make applications for renewal of Consent (under Water and Air Acts) and Authorisation under HWM Rules at least 30 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts for obtaining Consent & HW Authorisation of the Board.
2. The industry shall immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions etc.
3. a) All the fugitive emissions shall be controlled with proper measures.  
b) The applicant shall also install the equipment such as wind speed recorder, wind direction recorder.
4. The applicant shall not change or alter either the quality or the quantity or the rate of the discharge or the route of discharge and shall not change or alter either the prescribed quality or the rate of emission without the previous written permission of the Board.
5. The applicant shall, not later than 30 days from the date of issue of this consent order, certify in writing to the Board that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities installed by the applicant, to comply with the terms and conditions of this consent. In absence of alternative electric power source sufficient to operate all facilities installed by the applicant, to comply with the terms and conditions of this consent, production shall be stopped.
6. Any up-set condition in any plant/plants of the industry, which result in, increased effluent discharge and/ or violation of standards stipulated in this order or the emission of any Air Pollutant into the environment in excess of the standards laid down by the Board, occurs or is apprehended to occur due to accident, or other unforeseen act or event, the person-in-charge of the premises, from where such discharge / emission occurs or is apprehended to occur shall forthwith intimate the fact of such occurrence or the apprehension of such occurrence to this Board, by fax / email under intimation to the Collector and District Magistrate.
7. In case of such episodal discharges / emissions mentioned in item 6 above, the industry should take immediate action to bring down the discharge / emission below the limits prescribed in this order.
8. A good house keeping shall be maintained both within the factory and in the premises. All hoods, pipes, valves, sewers and drains shall be leak proof. Floor washings shall be admitted into the effluent collection system only and shall not be allowed to find their way into storm drains or open areas.
9. a) The industry shall carryout analysis of waste water discharges or emissions through chimneys, for the parameters mentioned in Schedule – B of this order at regular intervals.  
b) The industry shall maintain following records to accessible to the Board, whenever required.
  1. Analysis reports of waste water/ emissions.
  2. Log book for operation of pollution control systems.
  3. Inspection book
10. Separate power connection with energy meter shall be provided for the Pollution Control Equipments and record of power consumption and chemicals consumption for the operation of pollution control equipment shall be maintained separately.
11. The applicant shall comply with the directives/orders issued by the Board in this order and at all subsequent times without any negligence on his part. The applicant shall be liable for such legal action against him as per provisions of the Law/Act in case if non-compliance of any order/directive issued at any time and/or violation of the terms and conditions of this consent order.
12. The applicant shall furnish to the visiting officer and / or the Board any information regarding the construction, installation or operation of the effluent treatment system / air pollution control equipment / secured storage area of Hazardous Waste and such other particulars as may be pertinent for preventing and controlling pollution.
13. The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as Civil liability.
14. All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of management, handling, transportation and storage of hazardous chemicals and wastes shall be followed.
15. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 shall be followed.
16. The occupier shall educate the workers and nearby public of possible accidents and remedial measures.
17. For any accident or spillage of hazardous wastes causing damage to the Environment, the occupier or the transporter as the case shall be held responsible.
18. In case of closure of industry, the un-used/not consumed raw materials falling under the category of Hazardous Chemicals and mentioned in Manufacture, Storage and Import of

- Hazardous Chemicals Rules, 1989 and Amendment Rules, 2003 shall be removed and sold to other units within 90 days from the date of closure to prevent any possibility of occurrence of an accident. In case the above hazardous chemicals have lost their properties originally acquired, then they shall be treated, as Hazardous Waste and they should be disposed off only to the agencies authorized by APPCB in a safe manner.
19. The occupier shall prepare/update Emergency preparedness plan for safe handling of hazardous waste from time to time and submit the same to APPCB. Emergency preparedness plan must be implemented immediately whenever there is fire, explosion or release of hazardous waste or hazardous waste constituents, which could endanger to human health or environment.
  20. Packaging, labeling and transportation of Hazardous Wastes shall be in accordance with the provisions of the rules issued by the Central Govt. under the Motor Vehicles Act, 1988 and other guidelines issued from time to time. The packaging and labeling shall be based on the composition and hazardous constituent of the waste, however all Hazardous Waste containers should be provided with a general label.
  21. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter shall carry a Transport Emergency (TREM) Card (as given in the guidelines for management and handling of hazardous wastes) duly filled by the Hazardous Waste generator.
  22. Containers / Container Liners of Hazardous Chemicals and Hazardous Wastes should be thoroughly detoxified before selling to the agencies authorized by APPCB. Proper records, specific to each Hazardous Chemical / Hazardous Waste containers / Container Liners should be maintained in the following way:
    - I) Number of containers received.
    - II) Date and method of detoxification.
    - III) Name of agencies to whom containers were sold with quantities.
    - IV) Transportation particulars.
  23. No Hazardous Wastes shall be mixed with any other wastes or shall be discharged to a common, other internal, external sewerage or other drainage system without prior approval of APPCB.
  24. If HDPE bags are used for storing Hazardous Wastes, it should be ensured that they are perfectly sealed mechanically or double hot sealed. If MS/HDPE bags or drums are used for storing Hazardous Wastes, these drums / bags should be ensured that they are perfectly sealed.
  25. The person authorised shall not rent, lend, sell, transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.
  26. Any unauthorised change in personnel, equipment as working condition as mentioned in the application by the person authorized shall constitute a breach of his authorisation.
  27. The industry shall comply with the provisions of Batteries (Management & Handling) Rules, 2001.
  28. The industry shall put up two sign boards (6x4 ft. each) at publicly visible places at the main gate. The first sign board shall provide information on specific conditions of CFO and Hazardous Waste Authorisation. The second sign board shall display online data on quantity and nature of hazardous chemicals being used in the plant, as well as water, air emissions and solid waste generated within the factory premises.
  29. The applicant shall exhibit the Consent & HW Authorisation order of the Board in the factory premises at a prominent place for the information of the inspecting officers of the different departments.
  30. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves the right and powers under Section 27(2) of the Water (Prevention & Control of Pollution) Act, 1974 and its amendments thereof and under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and its amendments thereof to review any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.
  31. The authorisation issued under Hazardous Waste (Management and Handling) Rules, 1989 and its amendments thereof, shall comply with the provision of the Environment (Protection) Act, 1986.

Sd/-  
MEMBER SECRETARY

## SCHEDULE - B

### Special Conditions

1. The effluent discharged shall comply with the tolerance limits mentioned below:

Outlet	Parameter	Concentration
1.	pH	5.50 – 9.00
	TSS	200 mg/l
	Oil and Grease	10 mg/l
	Biochemical Oxygen Demand (3 days at 27°C)	100 mg/l

2. The industry shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities mentioned below:

S.No	Purpose	Quantity
1.	Process	250 KLD
2.	Cooling	540 KLD
3.	Dust suppression	60 KLD
4.	Domestic	200 KLD
5.	Gardening/Irrigation	180 KLD
	<b>Total</b>	<b>1230 KLD</b>

3. The industry shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month along with water meter readings. The industry shall remit water cess as per the assessment orders as and when issued by Board.
4. The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

Chimney No.	Parameter	Emission Standards
1 to 2	SPM	115 mg/Nm <sup>3</sup> *
3 to 14	SPM	50 mg/Nm <sup>3</sup>

- \* The industry shall meet the SPM standard of 50 mg/Nm<sup>3</sup>, after completion of replacement of ESP with bag filter for Raw Mill Kiln – I and multicyclone with ESP for clinker cooler – I within four months.

5. The industry shall comply with ambient air quality standards of TSPM - 200 µg/ m<sup>3</sup>; RSPM - 100 µg/ m<sup>3</sup>; SO<sub>2</sub> - 80 µg/ m<sup>3</sup>; NO<sub>x</sub> - 80 µg/m<sup>3</sup>.

**Noise Levels:** Day time (6 AM to 10 PM) - 75 dB (A)  
Night time (10 PM to 6 AM) - 70 dB (A).

6. The industry shall not increase the capacity beyond the permitted capacity mentioned in this order, without obtaining CFE/CFO of the Board.
7. The industry shall under take calibration of online monitoring system at regular intervals and calibration schedule shall be submitted to the Board **within a month**.
8. The industry shall submit the details of ESP trippings to the Regional office of the Board regularly for every three months.
9. The industry shall furnish performance evaluation report of Reverse Air Bag House (**RABH**) provided to raw mill kiln - II to control particulate emissions, to the Board **within three months**.
10. The industry shall improve the design & operating practices of the pollution control equipments to achieve a **load based norm of 227 gm/T of feed** as per specific condition of E.C. dated.13.09.2001 obtained from MoEF, GoI for expansion of cement plant from 0.495 MTPA to 1.09 MTPA.
11. The industry should provide bag filters for de-dusting of additional blending silo, cement silos, fly ash silo & packing plants as per E.C, Dt. 13.09.2001.
12. The industry has reported replacement of ESP with bag filter for Raw Mill & Kiln – I and replacement of multicyclone with ESP for clinker cooler – I is under process towards better efficiency of APC equipments in Unit – I (Plant).
13. The industry shall install adequate dust collection and extraction system to control fugitive emissions at various transfer points and the dust collected from pollution control equipments shall be recycled back into the process.

14. All the roads in the plant area shall be asphalted /concreted and water shall be sprayed to reduce fugitive dust emissions.
15. All grinding sections shall be upgraded with closed circuit grinding as per E.C. obtained from MoEF, Gol.
16. The applicant shall set up THREE Ambient Air Quality Monitoring Stations for monitoring of relevant critical parameters mentioned in condition No.5 as per the CPCB guidelines and submit monthly reports. One ambient air quality monitoring station shall be set up in the down wind direction in consultation with RO, APPCB, Nalgonda.
17. The industry shall provide interlocking system for air pollution control equipment attached to Mill Kiln – I & II provided with raw material feeding system so that the feeding of raw material would be stopped automatically in case the air pollution control equipment fails. The industry shall submit compliance report to the Board **within three months**.
18. As per CPCB, New Delhi vide letter dated. 12.12.2006 regarding policy on use of high calorific value hazardous waste as a fuel in cement kiln, the industry shall explore use of high calorific value hazardous wastes like ETP sludge, TDI Tar waste, Tyre chips, paint sludge & refinery sludge as fuel along with coal in cement kilns and furnish report to the Board.
19. The industry shall complete the greenbelt development in an extent of 27 ha. **within six months** and report the compliance to the Board.
20. The industry shall provide & maintain separate energy meter to air pollution control equipment **within a month** and shall maintain them in good condition.
21. The applicant shall submit Environment statement in Form V before 30<sup>th</sup> September every year as per Rule No.14 of E(P) Rules, 1986 & amendments.

Sd/-  
MEMBER SECRETARY

**SCHEDULE - C**  
[ see rule 3(c) and 5(5)]  
**[ CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING  
HAZARDOUS WASTES ]**

1. Industry shall give top priority for waste Minimization and cleaner production practices
2. Industry shall take practical steps for prevention of spillages of oil and waste oils at all application handling and storage areas.
3. Industry may use the waste oils as supplementary fuel in cement kilns, as an alternative option.
4. Industry shall maintain good house keeping & maintain proper records for Hazardous wastes stated in Authorisation (FORM- II).
5. The industry shall not store hazardous waste for more than 90 days as per HWM Rules, 2003.
6. The industry shall not dispose Waste oils/ Non-ferrous metal scrap / Used lead acid batteries to the traders.
7. Industry shall maintain 6 copy manifest system for transportation of waste generated and a copy shall be submitted to Board Office and concerned Regional Office
8. Industry shall dispose / sell the hazardous wastes to only Industries / agencies authorized by State Pollution Control Boards. They shall verify the authorization of the board given to the party before disposing their wastes to the external party.
9. Industry shall store the used / waste oil, Used lead acid batteries etc.. in a secured way in their premises till their disposal.
10. The unit shall submit the condition wise compliance report of the conditions stipulated in Schedule B and Schedule C of this order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.

Sd/-  
MEMBER SECRETARY

To  
The Vice President (Works)  
M/s. My Home Industries Ltd, (Unit-I&II)  
Mellacheruvu (V) & (M),  
Nalgonda District.

//T.C.F.B.O//

*hlm nym 06/03/07*  
SENIOR ENVIRONMENTAL ENGINEER(CFO)



CONSENT & AUTHORISATION ORDER  
BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

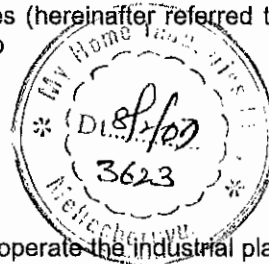
Consent Order No : APPCB/PTN/NGL/185/HO/2007-2248

Date :02.02.2007

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act,1974 and amendments thereof, Operation of the plant under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation / Renewal of Authorisation under Rule 5 of the Hazardous Wastes (Management & Handling) Rules 1989 & Amendment Rules).

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21 of Air (Prevention & Control of Pollution) Act 1981 and Authorisation under the provisions of HW (M & H) Rules (hereinafter referred to as 'the Acts', 'the Rules') and the rules and orders made thereunder to

M/s. My Home Industries Ltd., (Plant)  
Unit-III, Mellacheru Village and Mandal,  
Nalgonda District  
E-mail: [myhome@hd2.dot.net.in](mailto:myhome@hd2.dot.net.in)



(hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys as detailed below.

i) Out lets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1.	Domestic Effluents after treatment	48 KLD	Onland for irrigation.

ii) Emissions from chimneys:

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow
1.	Attached to Horizontal Rotary Kiln of 9,00,000 TPA.	5,75,000 m <sup>3</sup> /hr
2.	Attached to Raw Mill Kiln - 3	5,75,000 m <sup>3</sup> /hr
3.	Attached to Clinker Cooler - 3	4,50,000 m <sup>3</sup> /hr
4.	Attached to Cement Mill - 4 & 5	60,000 m <sup>3</sup> /hr
5.	Attached to Coal Mill - 3	1,00,000 m <sup>3</sup> /hr
6.	Attached to LS Crusher - 3	75,000 m <sup>3</sup> /hr
7.	Attached to Coal Crusher	4,000 m <sup>3</sup> /hr
8.	Attached to Hopper tops, silo tops, belt conveyor transfer point, clinker droppings etc.	--
9.	Attached to 2 X 1944 KVA + 1 X 125 KVA D.G. Set (common for unit-I, II & III)	--

iii) HAZARDOUS WASTE AUTHORISATION (FORM - II) [See Rule 3(C) & 5 (5)]

- Number of Authorisation and date of issue - APPCB/PTN/NGL/185/HWM Dt: 02/02/2007.
- The Dy.Manager (S&E) of M/s. My Home Industries Ltd, (Unit-III) is hereby granted an authorized to operate a facility for collection, reception, storage, transport and disposal of Hazardous Wastes namely

S.No	Name of the Hazardous waste	Stream	Quantity of Hazardous waste per Annum.	Disposal Option
1.	Used Oil / Waste Lubricating Oil	5.1 of Schedule - I	1.2 KL	Waste oil re-cyclers/ re-processors authorised by APPCB

2.	Used lead acid batteries	22 of Schedule – IV	8 Nos	Agencies authorised by APPCB.
3.	Waste Grease	5.1 of Schedule-I	140 Kg	Used as reclaimer for chains by mixing with fresh grease.

On their premises located at Srinagar, Mellacheruvu (V) & (M), Nalgonda Distirct.

This consent order is valid to manufacture the following products along with quantities only.

<b>S.No.</b>	<b>Product</b>	<b>Quantity</b>
1.	Clinker	0.9 Million TPA
2.	Cement	1.4 Million TPA

This order is subject to the provisions of 'the Acts' and the Rules' and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This combined order of consent & Hazardous Waste Authorisation shall be valid for a period ending with the **31<sup>st</sup> day of January 2008.**

**Sd/-**  
**MEMBER SECRETARY**

To  
Dy. Manager (S&E)  
M/s. My Home Industries Ltd, (Unit-III)  
Srinagar, Mellacheruvu (V) & (M),  
Nalgonda Distirct.

//T.C.F.B.O.//

  
**SENIOR ENVIRONMENTAL ENGINEER(CFO)**

## SCHEDULE - A

1. The applicant shall make applications for renewal of Consent (under Water and Air Acts) and Authorisation under HWM Rules at least 30 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts for obtaining Consent & HW Authorisation of the Board.
2. The industry shall immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions etc.
3. a) All the fugitive emissions shall be controlled with proper measures.  
b) The applicant shall also install the equipment such as wind speed recorder, wind direction recorder.
4. The applicant shall not change or alter either the quality or the quantity or the rate of the discharge or the route of discharge and shall not change or alter either the prescribed quality or the rate of emission without the previous written permission of the Board.
5. The applicant shall, not later than 30 days from the date of issue of this consent order, certify in writing to the Board that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities installed by the applicant, to comply with the terms and conditions of this consent. In absence of alternative electric power source sufficient to operate all facilities installed by the applicant, to comply with the terms and conditions of this consent, production shall be stopped.
6. Any up-set condition in any plant/plants of the industry, which result in, increased effluent discharge and/ or violation of standards stipulated in this order or the emission of any Air Pollutant into the environment in excess of the standards laid down by the Board, occurs or is apprehended to occur due to accident, or other unforeseen act or event, the person-in-charge of the premises, from where such discharge / emission occurs or is apprehended to occur shall forthwith intimate the fact of such occurrence or the apprehension of such occurrence to this Board, by fax / email under intimation to the Collector and District Magistrate.
7. In case of such episodal discharges / emissions mentioned in item 6 above, the industry should take immediate action to bring down the discharge / emission below the limits prescribed in this order.
8. A good house keeping shall be maintained both within the factory and in the premises. All hoods, pipes, valves, sewers and drains shall be leak proof. Floor washings shall be admitted into the effluent collection system only and shall not be allowed to find their way into storm drains or open areas.
9. a) The industry shall carryout analysis of waste water discharges or emissions through chimneys, for the parameters mentioned in Schedule - B of this order at regular intervals.  
b) The industry shall maintain following records to accessible to the Board, whenever required.
  1. Analysis reports of waste water/ emissions.
  2. Log book for operation of pollution control systems.
  3. Inspection book
10. Separate power connection with energy meter shall be provided for the Pollution Control Equipments and record of power consumption and chemicals consumption for the operation of pollution control equipment shall be maintained separately.
11. The applicant shall comply with the directives/orders issued by the Board in this order and at all subsequent times without any negligence on his part. The applicant shall be liable for such legal action against him as per provisions of the Law/Act in case if non-compliance of any order/directive issued at any time and/or violation of the terms and conditions of this consent order.
12. The applicant shall furnish to the visiting officer and / or the Board any information regarding the construction, installation or operation of the effluent treatment system / air pollution control equipment / secured storage area of Hazardous Waste and such other particulars as may be pertinent for preventing and controlling pollution.
13. The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as Civil liability.
14. All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of management, handling, transportation and storage of hazardous chemicals and wastes shall be followed.
15. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 shall be followed.
16. The occupier shall educate the workers and nearby public of possible accidents and remedial measures.
17. For any accident or spillage of hazardous wastes causing damage to the Environment, the occupier or the transporter as the case shall be held responsible.
18. In case of closure of industry, the un-used/not consumed raw materials falling under the category of Hazardous Chemicals and mentioned in Manufacture, Storage and Import of

- Hazardous Chemicals Rules, 1989 and Amendment Rules, 2003 shall be removed & sold to other units within 90 days from the date of closure to prevent any possibility of occurrence of an accident. In case the above hazardous chemicals have lost their properties originally acquired, then they shall be treated, as Hazardous Waste and they should be disposed off only to the agencies authorized by APPCB in a safe manner.
19. The occupier shall prepare/update Emergency preparedness plan for safe handling of hazardous waste from time to time and submit the same to APPCB. Emergency preparedness plan must be implemented immediately whenever there is fire, explosion or release of hazardous waste or hazardous waste constituents, which could endanger to human health or environment.
  20. Packaging, labeling and transportation of Hazardous Wastes shall be in accordance with the provisions of the rules issued by the Central Govt. under the Motor Vehicles Act, 1988 and other guidelines issued from time to time. The packaging and labeling shall be based on the composition and hazardous constituent of the waste, however all Hazardous Waste containers should be provided with a general label.
  21. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter shall carry a Transport Emergency (TREM) Card (as given in the guidelines for management and handling of hazardous wastes) duly filled by the Hazardous Waste generator.
  22. Containers / Container Liners of Hazardous Chemicals and Hazardous Wastes should be thoroughly detoxified before selling to the agencies authorized by APPCB. Proper records, specific to each Hazardous Chemical / Hazardous Waste containers / Container Liners should be maintained in the following way:
    - I) Number of containers received.
    - II) Date and method of detoxification.
    - III) Name of agencies to whom containers were sold with quantities.
    - IV) Transportation particulars.
  23. No Hazardous Wastes shall be mixed with any other wastes or shall be discharged to a common, other internal, external sewerage or other drainage system without prior approval of APPCB.
  24. If HDPE bags are used for storing Hazardous Wastes, it should be ensured that they are perfectly sealed mechanically or double hot sealed. If MS/HDPE bags or drums are used for storing Hazardous Wastes, these drums / bags should be ensured that they are perfectly sealed.
  25. The person authorised shall not rent, lend, sell, transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.
  26. Any unauthorised change in personnel, equipment as working condition as mentioned in the application by the person authorized shall constitute a breach of his authorisation.
  27. The industry shall comply with the provisions of Batteries (Management & Handling) Rules, 2001.
  28. The industry shall put up two sign boards (6x4 ft. each) at publicly visible places at the main gate. The first sign board shall provide information on specific conditions of CFO and Hazardous Waste Authorisation. The second sign board shall display online data on quantity and nature of hazardous chemicals being used in the plant, as well as water, air emissions and solid waste generated within the factory premises.
  29. The applicant shall exhibit the Consent & HW Authorisation order of the Board in the factory premises at a prominent place for the information of the inspecting officers of the different departments.
  30. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves the right and powers under Section 27(2) of the Water (Prevention & Control of Pollution) Act, 1974 and its amendments thereof **and** under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and its amendments thereof to review any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.
  31. The authorisation issued under Hazardous Waste (Management and Handling) Rules, 1989 and its amendments thereof, shall comply with the provision of the Environment (Protection) Act, 1986.

Sd/-  
MEMBER SECRETARY

## SCHEDULE - B

### Special Conditions

1. The effluent discharged shall comply with the tolerance limits mentioned below:

Outlet	Parameter	Concentration
1.	pH	5.50 – 9.00
	TSS	200 mg/l
	Oil and Grease	10 mg/l
	Biochemical Oxygen Demand (3 days at 27°C)	100 mg/l

2. The industry shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities mentioned below:

S.No	Purpose	Quantity
1.	Process and Cooling	200 KLD
2.	Domestic	60 KLD
	<b>Total</b>	<b>260 KLD</b>

3. The industry shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month along with water meter readings. The industry shall remit water cess as per the assessment orders as and when issued by Board.
4. The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

Chimney No.	Parameter	Emission Standards
1 to 8	SPM	50 mg/Nm <sup>3</sup>
9	SPM	115 mg/Nm <sup>3</sup>

5. The industry shall comply with ambient air quality standards of TSPM - 200 µg/ m<sup>3</sup>; RSPM - 100 µg/ m<sup>3</sup>; SO<sub>2</sub> - 80 µg/ m<sup>3</sup>; NO<sub>x</sub> - 80 µg/m<sup>3</sup>.

**Noise Levels:** Day time (6 AM to 10 PM) - 75 dB (A)  
Night time (10 PM to 6 AM) - 70 dB (A).

6. The industry shall not increase the capacity beyond the permitted capacity mentioned in this order, without obtaining CFE/CFO of the Board.
7. The industry shall under take calibration of online monitoring system at regular intervals and calibration schedule shall be submitted to the Board **within a month**.
8. The industry shall furnish performance evaluation report of Reverse Air Bag House (RABH) provided to raw mill kiln to control particulate emissions, to the Board **within three months**.
9. The industry shall use dry-process pre-calculator technology for manufacturing of cement. The industry shall maintain the records on clinker production, utilized for cement production and stocks maintained at on-site and shall submit consolidated reports to the Regional Office of the Board **once in six months**.
10. The industry shall maintain bio indicators around plant boundary.
11. The waste water shall be recycled and reused for greenbelt development, dust suppression and shall adopt zero discharge as per E.C., obtained from MoEF, GOI.
12. The industry shall install adequate dust collection and extraction system to control fugitive emissions at various transfer points and the dust collected from pollution control equipments shall be recycled back into the process.
13. The industry shall store all the raw materials in closed sheds only.
14. All the raw materials conveying system to the plant shall be housed with cladding arrangement and compliance report shall be submitted to the Board **within three months**.
15. All the roads in the plant area shall be asphalted /concreted and water shall be sprayed to reduce fugitive dust emissions.
16. The applicant shall set up THREE Ambient Air Quality Monitoring Stations for continuous recording of relevant critical parameters mentioned in condition No.5 as per the CPCB guidelines and submit monthly reports. One ambient air quality monitoring station shall be set up in the down wind direction in consultation with RO, APPCB, Nalgonda.

17. The industry shall provide interlocking system for air pollution control equipment provided with raw material feeding system so that the feeding of raw material would be stopped automatically in case the air pollution control equipment fails. The industry shall submit compliance report to the Board **within three months**.
18. As per CPCB, New Delhi vide letter dated. 12.12.2006 regarding policy on use of high calorific value hazardous waste as a fuel in cement kiln, the industry shall explore use of high calorific value hazardous wastes like ETP sludge, TDI Tar waste, Tyre chips, paint sludge & refinery sludge as fuel along with coal in cement kilns and furnish report to the Board.
19. The industry shall complete the greenbelt development in an extent of 27 ha. **within six months** and report the compliance to the Board.
20. The recommendations / commitments made during public hearing held on 14.09.2005 at Z.P. High School, Mellacheruvu Village and Mandal, Nalgonda District shall explicitly be followed from pollution control point of view as per CFE order dt. 06.02.2006.
21. The industry shall undertake eco-development measures including community welfare measures in the project area as per E.C., dt. 25.05.2006.
22. All the recommendations of CREP guidelines shall be strictly followed.
23. The industry shall provide separate energy meter to air pollution control equipment **within a month** and shall maintain them in good condition.
24. The applicant shall submit Environment statement in Form V before 30<sup>th</sup> September every year as per Rule No.14 of E(P) Rules, 1986 & amendments.

Sd/-  
MEMBER SECRETARY

**SCHEDULE - C**  
[ see rule 3(c) and 5(5) ]  
**[ CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING  
HAZARDOUS WASTES ]**

1. Industry shall give top priority for waste Minimization and cleaner production practices
2. Industry shall take practical steps for prevention of spillages of oil and waste oils at all application handling and storage areas.
3. Industry may send the waste oils to cement manufacturing units to be used as supplementary fuel in cement kilns, as an alternative option.
4. Industry shall maintain good house keeping & maintain proper records for Hazardous wastes stated in Authorisation (FORM- II).
5. The industry shall not store hazardous waste for more than 90 days as per HWM Rules, 2003.
6. The industry shall not dispose Waste oils/ Non-ferrous metal scrap / Used lead acid batteries to the traders.
7. Industry shall maintain 6 copy manifest system for transportation of waste generated and a copy shall be submitted to Board Office and concerned Regional Office
8. Industry shall dispose / sell the hazardous wastes to only industries / agencies authorized by State Pollution Control Boards. They shall verify the authorization of the board given to the party before disposing their wastes to the external party.
9. Industry shall store the used / waste oil, Used lead acid batteries etc.. in a secured way in their premises till their disposal.
10. The unit shall submit the condition wise compliance report of the conditions stipulated in Schedule B and Schedule C of this order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.

Sd/-  
MEMBER SECRETARY

To

The Dy.Manager (S&E)  
M/s. My Home Industries Ltd, (Unit-III)  
Srinagar, Mellacheruvu (V) & (M),  
Nalgonda Distirct.

//T.C.F.B.O.//

*[Signature]* 2/02/07  
SENIOR ENVIRONMENTAL ENGINEER(CFO)

**ANDHRA PRADESH POLLUTION CONTROL BOARD**PARYAVARANA BHAVAN, A-3, INDUSTRIAL ESTATE,  
SANATHNAGARPhone:040-23887500  
Fax:040-23815631  
Grams:Kajulubā-Nivārāpa  
Web Site:www.apspcb.org  
E-Mail:apspcb@hd2.dot.nct.in**CONSENT ORDER**

BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Consent Order No : APPCB/PTN/78/HO/W/2004/124 **1400** Date : 14/09/2004

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Act).

CONSENT is hereby granted under section 25/26 of the Water (Prevention &amp; Control of Pollution) Act, 1974 (hereinafter referred to as 'the Act') and the rules and orders made thereunder to

**M/s. My Home Cement Industries Ltd.,(Unit - II)**  
Mellacheruvu Village and Mandal,  
Nalgonda Dist.,

(hereinafter referred to as 'the Applicant' ) authorising to operate the industrial plant to discharge the effluents from the following outlets as detailed below.

Outlet No	Outlet Description	Max Daily Discharge(lits / day)	Point Of Disposal
1	Domestic Effluents after Treatment	160000.00	Onland for Plantation

This is subject to the provisions of the Act and Rules and orders made there under and further subject to the terms and conditions incorporated in the Schedule A and Schedule B enclosed to this order.

This consent order is valid to manufacture the following products along with quantities only.

1	Clinker	2800.00	TPD
2	Cement	3360.00	TPD

This consent shall be valid for a period ending with the 30<sup>th</sup> day of June 2006For and on behalf of the  
A.P. Pollution Control Board

Tg

M/s My Home Cement Industries Ltd.,(Unit - II)  
Mellacheruvu Village and Mandal,  
Nalgonda Dist.,**MEMBER SECRETARY**

Copy to the J.C.E.E, Zonal Office RAMACHANDRAPURAM for information and necessary action.

Copy to the Senior Environmental Engineer (Cess) for information and necessary action.

Copy to the Environmental Engineer Regional Office NALGONDA for information and necessary action

SCHEDULE - A

- 1 The applicant shall make an application for grant of renewal of consent atleast 30 days before the date of expiry of this consent.
- 2 Necessary fee as prescribed for obtaining consent shall be paid by the applicant alongwith the consent application.
- 3 The quantity of effluent discharged shall not exceed the figures mentioned in the order
- 4 The industry shall immediately submit the revised application for consent to this Board in the event of any change in the trade effluent, raw material used and processes employed.
- 5 The applicant shall not change or alter either the quality, or the quantity or the rate of the discharge or temperature or the route of discharge without the previous written permission of the Board.
- 6 The effluent discharged shall not contain constituents in excess of the tolerance limits mentioned below.

Outlet No	Parameter	Limiting Standards	
1	pH	5.50 - 9.00	
	Total Suspended Solids (TSS at 103 - 105 oC)	200.00	mg/l
	Oil and Grease	10.00	mg/l
	Biochemical Oxygen Demand (BOD 3 at 27 oC)	100.00	mg/l

- 7 The applicant shall develop the green belt around the plant by planting variety of trees in an area atleast 4 times the builtup area.
- 8 The applicant shall provide appropriate Rain Water Harvesting systems on the available u/s portion of the plant site.
- 9 Industry shall submit Environmental Statement in Form V before 30 th September every year as per Rule no: 14 of E(P) Act 1986 Rules.
- 10 The applicant shall display suitable caution board at the place where the effluent is entering any water body or any other place, to be indicated by the Board, indicating therein that the water body into which the effluents are being discharged is not fit for domestic usage/bathing.
- 11 The applicant shall  
Not later than 30 days from the date of issue of this consent order, certify in writing to the Board that the applicant has installed or provided for an alternate electric power source sufficient to operate all facilities installed by the applicant to maintain compliance with the terms and conditions of the Consent. OR  
Not later than 30 days from the date of this consent certify in writing to the Board that upon the reduction, loss or failure of one or more of the primary sources of electric power to any facilities installed by the applicant to maintain compliance with the terms and conditions of this consent, the applicant shall halt, reduce or otherwise control production and/or all discharges in order to maintain compliance with the terms and conditions of this consent.
- 12 The applicant shall at his own cost get the effluent samples collected both before and after treatment and analysed from APPCB or any other Laboratories which are established as per the guidelines of CPCB/M.OE&F, GOI. every month for the parameters indicated in condition No.6 and shall submit in duplicate the report thereof to the Board.
- 13 The applicant shall take immediate action to install mechanical composite sampling equipment and continuous flow measuring/recording devices on the effluent drains of trade as well as domestic effluent discharge and records shall be maintained.

- 14 The applicant shall not allow the discharge from other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the trade and/or domestic effluent.
- 15 The following information shall be forwarded to the Member Secretary regularly every month.
  - a). Monthly statement of daily discharge of domestic as well as trade effluents.
  - b). Analysis reports of domestic as well as trade effluents.
- 16 The industry shall provide
  - a) Meters at the entrance of the water supply connection which are easily accessible for inspection and maintenance and for other purpose of the Act, provided that the place where it is fixed shall in no case be at a point before which water has been tapped by the consumer for utilisation for any purpose whatsoever.
  - b) Separate meters with necessary pipe-line for assessing the quality of water used for each of the three purposes mentioned below.
    1. Industrial cooling or boiler feed.
    2. Domestic purposes.
    3. Processing whereby water gets polluted and pollutants are easily bio-degradable.
    4. Processing whereby water gets polluted and pollutants are not easily bio-degradable and are toxic.
  - c). The industry shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month.
- 17 All Solid wastes arising in the premises shall be properly classified and disposed off to the satisfaction of the Board by:
  - i) Controlled incineration, wherever possible in case of combustible organic material.
  - ii) Vermiculture / Composting, in case of bio-degradable material.
  - iii) Secure land fill in case of non bio-degradable, chemically active/hazardous solid waste. Care shall be taken to ensure that the material does not give leachate which may percolate into ground water or carried away with storm run-off.
- 18 Any toxic material shall be detoxicated and disposed as per the conditions stipulated in the authorisation obtained under Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments thereof.
- 19 Any up-set condition in any of the plant/plants of the factory which is likely to result in increased effluent discharge and/or result violation of the standards mentioned above shall be reported to this Board telegraphically under intimation to the Collector and District Magistrate.
- 20 The applicant shall maintain good house keeping both within the factory and in the premises. All pipes, valves, sewers and drains shall be leak-proof. Floor washings shall be admitted into the effluent collection system only and shall not be allowed to find their way into storm drains or open areas.
- 21 The applicant shall comply with and carry out any other directives/orders issued by the Board subsequently without any negligence on his part. The applicant shall be liable for such legal action as per provisions of the Law/Act in case of non-compliance of any order/directives issued at any time and/or violation of the terms and conditions of this consent order.
- 22 An inspection book shall be opened and made available to the Board's Officers during their visit to the factory.
- 23 The applicant shall furnish to the visiting officer and/or the Board any information regarding the construction, installation or operation of the establishment or of effluent treatment system and such other particulars as may be pertinent for preventing and controlling pollution of water.
- 24 Separate power connection with energy meter shall be provided for the Effluent treatment systems and records of power consumption and chemical consumption for the operation of Effluent treatment systems shall be maintained separately.

- 25 Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves to it the right and power under Section 27(2) of the Water (Prevention & Control of Pollution) Act, 1974 to review any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Act by the Board.
- 26 At any time during the inspection of Pollution Control Board Officers or any other licencing/servicing authorities/if it is observed that the industry is not complying with any of the above conditions leading to pollution problems, this consent is liable for cancellation without further notice and all the services rendered by the servicing departments shall be withdrawn without further notice.
- 27 The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as Civil liability.
- 28 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of management, handling, transportation and storage of hazardous chemicals and waste shall be followed.
- 29 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of microorganisms, genetically engineered organisms or cells shall be followed.
- 30 All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 shall be followed.
- 31 The applicant shall exhibit the consent order of the board in the factory premises at a prominent place for the information of the inspection officers of the different departments.
- 32 The applicant shall put up two black boards of size 6 by 4 ft. at the main entrance to their plant. One board shall contain with the specific CFE and CFO conditions, specific to the plant and other board shall carry the latest water, air, noise and solid waste monitoring data as well as the maximum vulnerable zone, if the unit is storing/handling hazardous chemicals.

#### SCHEDULE - B

##### Special Conditions

- 1 The industry shall comply with CREP recommendations with reference to Cement manufacturing.
- 2 The industry shall comply with Hazardous Wastes (Management and Handling) Rules, 1989 and Amendments thereof.
- 3 The industry shall remit water cess amounts, as and when assessment orders are issued by the Board.
- 4 Industry shall lay the cement concrete roads or asphalt concrete roads in the premises as per CFE condition.
- 5 Industry shall plant the bio indicators along the periphery of the industry in four directions.

*Ranga*  
MEMBER SECRETARY  
*llrungs* *PI*

To  
M/s My Home Cement Industries Ltd., (Unit - II)  
Mellacheruvu Village and Mandal,  
Nalgonda Dist.,



**CONSENT ORDER**

BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Consent Order No : APPCB/PTN/78/HO/2004/A/124 1400 Date : 14/09/2004

(Consent Order for operation of the plant under section 21 of Air(Prevention & Control of Pollution) Act 1981).

Consent is hereby granted under section 21 of the Air (Prevention & Control of Pollution ) Act ,1981 (hereinafter referred to as 'the Act' ) and the rules and orders made thereunder to

**M/s My Home Cement Industries Ltd.,(Unit - II)**  
**Mellacheruvu Village and Mandal,**  
**Nalgonda Dist.,**

(hereinafter referred to as ' the Applicant ' ) authorising to operate the industrial plant in the Air Pollution Control Areas as notified from the following Chimneys or outlets and the quantity of Emission discharged per hour on any day shall not exceed the figures as mentioned below.

Chimney No	Description of Chimney	Quantity of emissions in m3/hr. at peak flow
1	Attached to 2800 TPD Kiln and Vertical Raw Mill	-
2	Attached to Coal Mill	-
3	Attached to Lime Stone Crusher	-
4	Attached to Clinker Cooler	-
5	Attached to Cement Mill	-
6	Attached to Packing Plants	-

This is subject to the provisions of the Act and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A and B enclosed to this order.

This consent order is valid to manufacture the following products along with quantities only.

1	Clinker	2800.00	TPD
2	Cement	3360.00	TPD

This consent shall be valid for a period ending with the <sup>th</sup> 30 day of June 2006

For and on behalf of the  
**A.P. Pollution Control Board**

*[Signature]*  
**MEMBER SECRETARY**

To  
**My Home Cement Industries Ltd.,(Unit - II)**  
**Mellacheruvu Village and Mandal,**  
**Nalgonda Dist.,**

Copy to the JCEE, Zonal Office RAMACHANDRAPURAM for information and necessary action.  
 Copy to the Senior Environmental Engineer (CESS) for information and necessary action.  
 Copy to the Environmental Engineer Regional Office, NALGONDA for information and necessary action

SCHEDULE - A

- 1 The applicant shall make an application for grant of renewal of consent atleast 30 days before the date of expiry of this consent.
- 2 The industry shall immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed quantity of emissions etc.
- 3 a). All the fugitive emissions shall be controlled with proper measures.  
b). The applicant shall also install the equipment such as wind speed recorder, wind direction recorder and rain fall measuring equipment.
- 4 The applicant shall at his own cost get the samples of emissions collected and analysed from the A.P.P.C.B. or any other Laboratories which are established as per the guidelines and norms of MoE & F,GOI and CPCB, New Delhi, every month for the parameters indicated in the condition No.5 and shall submit in duplicate the report thereof to the Board.
- 5 The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

Chimney No	Parameter	Emission standards (mg/Nm <sup>3</sup> )
1	SPM	115.00
2	SPM	115.00
3	SPM	115.00
4	SPM	115.00
5	SPM	115.00
6	SPM	115.00

Ambient air quality standards shall not exceed the following :-

SPM - 200 ug/m<sup>3</sup>, RSPM - 100 ug/m<sup>3</sup>, SO<sub>2</sub> - 80 ug/m<sup>3</sup>, NO<sub>x</sub> - 80 ug/m<sup>3</sup>

Noise Levels: Day time (6 AM to 9 PM) - 75 dB (A)  
Night time (9 PM to 6 AM) - 70 dB (A)

- 6 The applicant shall not change or alter either the prescribed quality or the rate of emission without the previous written permission of the Board.
- 7 The applicant shall set up three ambient air quality monitoring stations for continuous recording of relevant critical parameters.
- 8 The applicant shall either:  
Not later than 30 days from the date of issue of this consent order certify in writing to the Board that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities installed by the applicant to maintain compliance with the terms and conditions of the consent.  
OR  
Not later than 30 days from the date of this consent certify in writing to the Board that upon the reduction loss or failure of one or more primary sources of electric power to any facilities installed by the applicant to maintain compliance with the terms and conditions of this consent, the applicant shall halt, reduce or otherwise control production and/or all emissions in order to maintain compliance with the terms and conditions of this consent.
- 9 For the emission standards fixed under item 5, the applicant shall increase the stack height so as to ensure that the ground level concentrations notified by the Board are adhered to. In any case the minimum stack height should not be less than 30 meters and as per the ground level concentrations if it works out to be more than 30 meters the calculated stack height should be provided.
- 10 No control equipment or chimney shall be altered or replaced, erected or re-erected except with the previous approval of this Board.
- 11 A quarterly progress report shall be submitted to the Board, stating therein the progress made in respect of execution of emission control works stated under this consent.
- 12 The applicant shall provide a sampling port with removable dummy of not less than 15 cm, diameter in the stack at a distance of 5 times the diameter of the stack from the nearest constraint such as bends etc., and they should provide a platform with suitable ladder below one meter of sampling port to accommodate three persons with instruments. The applicant shall also provide a 5amp. 250 V plug point on the platform and also provide adequate personnel, equipment etc., for collecting the samples.
- 13 The applicant shall also monitor the stack for the prescribed parameters and frequency as approved by the Board and shall maintain records of the emissions and the records shall be made available to the Board when called for.

- 14 Solid wastes that are likely to cause Air Pollution should be disposed off suitably as directed by the Board.
- 15 Wherein any Air Pollution Control area the emission of any Air Pollutant into the atmosphere in excess of the standards laid down by the Board occurs or is apprehended to occur due to accident or other unforeseen act or event, the person-in-charge of the premises from where such emission occurs or is apprehended to occur shall forthwith intimate the fact of such occurrence or the apprehension of such occurrence to this Board, telegraphically under intimation to the Collector and District magistrate.
- 16 In case of such episodal discharges/emissions mentioned in item 14 above, the industry should take immediate action to bring down the emission below the limits prescribed in the condition No. 5
- 17 A good house keeping shall be maintained both within the factory and in the premises. All hoods, pipes, valves, shall be leak proof.
- 18 The applicant shall comply with the directives/orders issued by the Board in this consent order and at all subsequent times without any negligence on his part. The applicant shall be liable for such legal action against him as per provisions of the Law/Act in case if non-compliance of any order/directive issued at any time and/or violation of the terms and conditions of this consent order.
- 19 The following records shall be maintained and made available to the Board officers during inspection.
  - i) Inspection book.
  - ii) Stack emission records.
  - iii) Ambient Air Quality records.
- 20 Green belt shall be maintained around the plant by plating a variety of trees in an area at least 4 times the built up area.
- 21 The applicant shall provide appropriate Rain Water Harvesting Systems on the available upstream portion of the plant site.
- 22 The applicant shall submit Environment statement in Form V before 30 th september every year as per Rule No. 14 of E(P) Act , 1986 Rules.
- 23
  - a) The existing control equipment if any shall be altered or replaced in accordance with the directions of the board within the prescribed time for compliance in this order.
  - b) For improving the efficiency of the emission levels set by the Board suitable control equipments should be installed.
- 24 At any time during the inspection of Pollution Control Board Officers or any other licencing/servicing authorities/if it is observed that the industry is not complying with any of the above conditions leading to pollution problems, this consent is liable for cancellation without further notice and all the services rendered by the servicing departments shall be withdrawn without further notice.
- 25 The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as Civil liability.
- 26 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of management, handling, transportation and storage of hazardous chemicals and wastes shall be followed.
- 27 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of microorganism, genetically engineered organisms or cells shall be followed.
- 28 All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 shall be followed.
- 29 The industry shall provide a minimum stack height (H) to the DG Sets as per the following formula.  
$$H = h + 0.2 \text{ SQRT}(KVA)$$
  
KVA = Total generation capacity, h = Height of building where D.G.Set is installed in Metres.
- 30 The applicant shall exhibit the consent order of the Board in the factory premises at a prominent place for the information of the inspecting officers of the different departments.

- 31 The applicant shall put up two black boards of size 6 by 4 ft. at the main entrance to their plant. One board shall contain with the specific CFE and CFO conditions, specific to the plant and other board shall carry the latest water,air,noise and solid waste monitoring data as well as the maximum vulunerable zone, if the unit is storing/handling hazardous chemicals.
- 32 Separate power connection with energy meter shall be provided for the Pollution Control Equipments and record of power consumption and chemicals consumption for the operation of pollution control equipment shall be maintained separately.

**SCHEDULE - B**

**Special Conditions**

- 1 The industry shall comply with CREP recommendations with reference to Cement manufacturing.
- 2 The industry shall comply with Hazardous Wastes (Management and Handling) Rules, 1989 and Amendments thereof.
- 3 The industry shall remit water cess amounts, as and when assessment orders are issued by the Board.
- 4 Industry shall lay the cement concrete roads or asphalt concrete roads in the premises as per CFE condition.
- 5 Industry shall plant the bio indicators along the periphery of the industry in four directions.

To  
My Home Cement Industries Ltd.,(Unit - II)  
Mellacheruvu Village and Mandal,  
Nalgonda Dist.,

  
MEMBER SECRETARY

Unit 8  
8



# ANDHRA PRADESH POLLUTION CONTROL BOARD

PARYAVARANA BHAVAN, A-3, INDUSTRIAL ESTATE,  
SANATHNAGAR

Phone: 040-23887500  
Fax: 040-23815631  
Grams: Kalusya Nivaranam  
Web Site: www.apspcb.org  
E-Mail: apspcb@hd2.dot.net.in

## CONSENT ORDER

BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Consent Order No : APPCB/PTN/NGL/163/HO/W/2004/119 *1258* Date : 03/09/2004

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Act).

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 (hereinafter referred to as 'the Act') and the rules and orders made thereunder to

**M /s. My Home Cement Industries Ltd., Unit -I (Plant),**  
**Mellacheruvu (V & M)**  
**Nalgonda Dist.,**

( hereinafter referred to as 'the Applicant' ) authorising to operate the industrial plant to discharge the effluents from the following outlets as detailed below.

Outlet No	Outlet Description	Max Daily Discharge(lits / day)	Point Of Disposal
1	Domestic Effluents after Treatment	144000.00	Onland For Irrigation

This is subject to the provisions of the Act and Rules and orders made there under and further subject to the terms and conditions incorporated in the Schedule A and Schedule B enclosed to this order.

This consent order is valid to manufacture the following products along with quantities only.

1	Clinker	2000.00	TPD
2	O.P. Cement	2400.00	TPD

This consent shall be valid for a period ending with the 30<sup>th</sup> day of June 2006

For and on behalf of the  
A.P. Pollution Control Board

To  
M/s My Home Cement Industries Ltd., Unit -I (Plant),  
Mellacheruvu (V & M)  
Nalgonda Dist.,

*Ramachandrapuram*  
MEMBER SECRETARY

Copy to the J.C.E.E, Zonal Office RAMACHANDRAPURAM for information and necessary action.  
Copy to the Senior Environmental Engineer (Cess) for information and necessary action.  
Copy to the Environmental Engineer Regional Office NALGONDA for information and necessary action



**SCHEDULE - A**

The applicant shall make an application for grant of renewal of consent atleast 30 days before the date of expiry of this consent.

- 2 Necessary fee as prescribed for obtaining consent shall be paid by the applicant alongwith the consent application.
- 3 The quantity of effluent discharged shall not exceed the figures mentioned in the order
- 4 The industry shall immediately submit the revised application for consent to this Board in the event of any change in the trade effluent, raw material used and processes employed.
- 5 The applicant shall not change or alter either the quality or the quantity or the rate of the discharge or temperature or the route of discharge without the previous written permission of the Board.
- 6 The effluent discharged shall not contain constituents in excess of the tolerance limits mentioned below.

Outlet No	Parameter	Limiting Standards	
	pH	5.50 - 9.00	
	Total Suspended Solids (TSS at 103 - 105 oC)	200.00	mg/l
	Total Dissolved Solids (TDS)	2100.00	mg/l
	Oil and Grease	10.00	mg/l
	Biochemical Oxygen Demand (BOD 3 at 27 oC)	100.00	mg/l

- 7 The applicant shall develop the green belt around the plant by planting variety of trees in an area atleast 4 times the builtup area.
- 8 The applicant shall provide appropriate Rain Water Harvesting systems on the available u/s portion of the plant site.
- 9 Industry shall submit Environmental Statement in Form V before 30 th September every year as per Rule no: 14 of E(P) Act 1986 Rules.
- 10 The applicant shall display suitable caution board at the place where the effluent is entering any water body or any other place, to be indicated by the Board, indicating therein that the water body into which the effluents are being discharged is not fit for domestic usage/bathing.
- 11 The applicant shall

Not later than 30 days from the date of issue of this consent order, certify in writing to the Board that the applicant has installed or provided for an alternate electric power source sufficient to operate all facilities installed by the applicant to maintain compliance with the terms and conditions of the Consent. OR

Not later than 30 days from the date of this consent certify in writing to the Board that upon the reduction, loss or failure of one or more of the primary sources of electric power to any facilities installed by the applicant to maintain compliance with the terms and conditions of this consent, the applicant shall halt, reduce or otherwise control production and/or all discharges in order to maintain compliance with the terms and conditions of this consent.

- 12 The applicant shall at his own cost get the effluent samples collected both before and after treatment and analysed from APPCB or any other Laboratories which are established as per the guidelines of CPCB/M.OE&F, GOI. every month for the parameters indicated in condition No.6 and shall submit in duplicate the report thereof to the Board.
- 13 The applicant shall take immediate action to install mechanical composite sampling equipment and continuous flow measuring/recording devices on the effluent drains of trade as well as domestic effluent discharge and records shall be maintained.

- 14 The applicant shall not allow the discharge from other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the trade and/or domestic effluent.
- 15 The following information shall be forwarded to the Member Secretary regularly every month.
  - a). Monthly statement of daily discharge of domestic as well as trade effluents.
  - b). Analysis reports of domestic as well as trade effluents.
- 16 The industry shall provide
  - a) Meters at the entrance of the water supply connection which are easily accessible for inspection and maintenance and for other purpose of the Act, provided that the place where it is fixed shall in no case be at a point before which water has been tapped by the consumer for utilisation for any purpose whatsoever.
  - b) Separate meters with necessary pipe-line for assessing the quality of water used for each of the three purposes mentioned below.
    1. Industrial cooling or boiler feed.
    2. Domestic purposes.
    3. Processing whereby water gets polluted and pollutants are easily bio-degradable.
    4. Processing whereby water gets polluted and pollutants are not easily bio-degradable and are toxic.
  - c). The industry shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month.
- 17 All Solid wastes arising in the premises shall be properly classified and disposed off to the satisfaction of the Board by:
  - i) Controlled incineration, wherever possible in case of combustible organic material.
  - ii) Vermiculture / Composting, in case of bio-degradable material.
  - iii) Secure land fill in case of non bio-degradable, chemically active/hazardous solid waste. Care shall be taken to ensure that the material does not give leachate which may percolate into ground water or carried away with storm run-off.
- 18 Any toxic material shall be detoxicated and disposed as per the conditions stipulated in the authorisation obtained under Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments thereof.
- 19 Any up-set condition in any of the plant/plants of the factory which is likely to result in increased effluent discharge and/or result violation of the standards mentioned above shall be reported to this Board telegraphically under intimation to the Collector and District Magistrate.
- 20 The applicant shall maintain good house keeping both within the factory and in the premises. All pipes, valves, sewers and drains shall be leak-proof. Floor washings shall be admitted into the effluent collection system only and shall not be allowed to find their way into storm drains or open areas.
- 21 The applicant shall comply with and carry out any other directives/orders issued by the Board subsequently without any negligence on his part. The applicant shall be liable for such legal action as per provisions of the Law/Act in case of non-compliance of any order/directives issued at any time and/or violation of the terms and conditions of this consent order.
- 22 An inspection book shall be opened and made available to the Board's Officers during their visit to the factory.
- 23 The applicant shall furnish to the visiting officer and/or the Board any information regarding the construction, installation or operation of the establishment or of effluent treatment system and such other particulars as may be pertinent for preventing and controlling pollution of water.
- 24 Separate power connection with energy meter shall be provided for the Effluent treatment systems and records of power consumption and chemical consumption for the operation of Effluent treatment systems shall be maintained separately.

Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves to it the right and power under Section 27(2) of the Water (Prevention & Control of Pollution) Act, 1974 to review any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Act by the Board.

- 26 At any time during the inspection of Pollution Control Board Officers or any other licencing/servicing authorities/if it is observed that the industry is not complying with any of the above conditions leading to pollution problems, this consent is liable for cancellation without further notice and all the services rendered by the servicing departments shall be withdrawn without further notice.
- 27 The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as Civil liability.
- 28 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of management, handling, transportation and storage of hazardous chemicals and waste shall be followed.
- 29 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of microorganisms, genetically engineered organisms or cells shall be followed.
- 30 All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 shall be followed.
- 31 The applicant shall exhibit the consent order of the board in the factory premises at a prominent place for the information of the inspection officers of the different departments.
- 32 The applicant shall put up two black boards of size 6 by 4 ft. at the main entrance to their plant. One board shall contain with the specific CFE and CFO conditions, specific to the plant and other board shall carry the latest water, air, noise and solid waste monitoring data as well as the maximum vulunerable zone, if the unit is storing/handling hazardous chemicals.

#### **SCHEDULE - B**

#### **Special Conditions**

- 1 The industry shall comply with CREP recommendations with reference to Cement manufacturing.
- 2 Industry shall maintain Bio-Indicators along the boundary of the plant.
- 3 The industry shall remit water cess amounts, as and when assessment orders are issued by the Board.
- 4 The industry shall comply with Hazardous Wastes (Management and Handling) Rules, 1989 and Amendments thereof.

*Ranga*  
**MEMBER SECRETARY**

To  
**M/s My Home Cement Industries Ltd., Unit -I (Plant),  
Mellacheruva (V & M)  
Nalgonda Dist.,**



**ANDHRA PRADESH POLLUTION CONTROL BOARD**  
**PARYAVARANA BHAVAN, A-3, INDUSTRIAL ESTATE, SANATHNAGAR**

Phone: 040-23887500  
 Fax: 040-23815631  
 Grams: Kalusya Nivaranam  
 Web Site: www.apspcb.org  
 E-Mail: apspcb@hd2.dot.net.in

**CONSENT ORDER**

**BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE**

Consent Order No : APPCB/PTN/NGL/163/HO/2004/A/119 *1258* Date : 03/09/2004

(Consent Order for operation of the plant under section 21 of Air(Prevention & Control of Pollution) Act 1981).

Consent is hereby granted under section 21 of the Air (Prevention & Control of Pollution ) Act ,1981 (hereinafter referred to as 'the Act' ) and the rules and orders made thereunder to

**M/s My Home Cement Industries Ltd., Unit -I (Plant),  
 Mellacheruvu (V & M)  
 Nalgonda Dist.,**

(hereinafter referred to as ' the Applicant ' ) authorising to operate the industrial plant in the Air Pollution Control Areas as notified from the following Chimneys or outlets and the quantity of Emission discharged per hour on any day shall not exceed the figures as mentioned below.

Chimney No	Description of Chimney	Quantity of emissions in m3/hr. at peak flow
1	Attached to Kiln and Raw Mill	-
2	Attached to Coal mill	-
3	Attached to Cement Mill	-
4	Attached to Clinker Cooler	-
5	Attached to Packing Plant	-
6	Attached to 2 x 1944 KVA + 125 KVA D.G. SETs	-

This is subject to the provisions of the Act and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A and B enclosed to this order.

This consent order is valid to manufacture the following products along with quantities only.

1	Clinker	2000.00	TPD
2	O.P. Cement	2400.00	TPD

This consent shall be valid for a period ending with the **30<sup>th</sup>** day of June 2006

For and on behalf of the  
 A.P. Pollution Control Board

To  
**My Home Cement Industries Ltd., Unit -I (Plant),  
 Mellacheruvu (V & M)  
 Nalgonda Dist.,**

*Ravindra*  
**MEMBER SECRETARY**  
*11/3/05 7/8*

Copy to the JCEE, Zonal Office RAMACHANDRAPURAM for information and necessary action.  
 Copy to the Senior Environmental Engineer (CESS) for information and necessary action.  
 Copy to the Environmental Engineer Regional Office, NALGONDA for information and necessary action

SCHEDULE - A

- The applicant shall make an application for grant of renewal of consent atleast 30 days before the date of expiry of this consent.
- 2 The industry shall immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed quantity of emissions etc.
  - 3
    - a). All the fugitive emissions shall be controlled with proper measures.
    - b). The applicant shall also install the equipment such as wind speed recorder, wind direction recorder and rain fall measuring equipment.
  - 4 The applicant shall at his own cost get the samples of emissions collected and analysed from the A.P.P.C.B. or any other Laboratories which are established as per the guidelines and norms of MoE & F,GOI and CPCB, New Delhi, every month for the parameters indicated in the condition No.5 and shall submit in duplicate the report thereof to the Board.
  - 5 The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

Chimney No	Parameter	Emission standards (mg/Nm <sup>3</sup> )
1	SPM	115.00
2	SPM	115.00
3	SPM	115.00
4	SPM	115.00
5	SPM	115.00

Ambient air quality standards shall not exceed the following :-

SPM - 200 ug/m<sup>3</sup>, RSPM - 100 ug/m<sup>3</sup>, SO<sub>2</sub> - 80 ug/m<sup>3</sup>, NO<sub>x</sub> - 80 ug/m<sup>3</sup>

Noise Levels: Day time (6 AM to 9 PM) - 75 dB (A)  
 Night time (9 PM to 6 AM) - 70 dB (A)

- 6 The applicant shall not change or alter either the prescribed quality or the rate of emission without the previous written permission of the Board.
- 7 The applicant shall set up three ambient air quality monitoring stations for continuous recording of relevant critical parameters.
- 8 The applicant shall either:  
 Not later than 30 days from the date of issue of this consent order certify in writing to the Board that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities installed by the applicant to maintain compliance with the terms and conditions of the consent.  
 OR  
 Not later than 30 days from the date of this consent certify in writing to the Board that upon the reduction loss or failure of one or more primary sources of electric power to any facilities installed by the applicant to maintain compliance with the terms and conditions of this consent, the applicant shall halt, reduce or otherwise control production and/or all emissions in order to maintain compliance with the terms and conditions of this consent.
- 9 For the emission standards fixed under item 5, the applicant shall increase the stack height so as to ensure that the ground level concentrations notified by the Board are adhered to. In any case the minimum stack height should not be less than 30 meters and as per the ground level concentrations if it works out to be more than 30 meters the calculated stack height should be provided.
- 10 No control equipment or chimney shall be altered or replaced, erected or re-erected except with the previous approval of this Board.
- 11 A quarterly progress report shall be submitted to the Board stating therein the progress made in respect of execution of emission control works stated under this consent.
- 12 The applicant shall provide a sampling port with removable dummy of not less than 15 cm, diameter in the stack at a distance of 5 times the diameter of the stack from the nearest constraint such as bends etc., and they should provide a platform with suitable ladder below one meter of sampling port to accomodate three persons with instruments. The applicant shall also provide a 5amp. 250 V plug point on the platform and also provide adequate personnel, equipment etc., for collecting the samples.
- 13 The applicant shall also monitor the stack for the prescribed parameters and frequency as approved by the Board and shall maintain records of the emissions and the records shall be made available to the Board when called for.

14. Solid wastes that are likely to cause Air Pollution should be disposed off suitably as directed by the Board.
15. Wherein any Air Pollution Control area the emission of any Air Pollutant into the atmosphere in excess of the standards laid down by the Board occurs or is apprehended to occur due to accident or other unforeseen act or event, the person-in-charge of the premises from where such emission occurs or is apprehended to occur shall forthwith intimate the fact of such occurrence or the apprehension of such occurrence to this Board, telegraphically under intimation to the Collector and District magistrate.
16. In case of such episodal discharges/emissions mentioned in item 14 above, the industry should take immediate action to bring down the emission below the limits prescribed in the condition No. 5
17. A good house keeping shall be maintained both within the factory and in the premises. All hoods, pipes, valves, shall be leak proof.
18. The applicant shall comply with the directives/orders issued by the Board in this consent order and at all subsequent times without any negligence on his part. The applicant shall be liable for such legal action against him as per provisions of the Law/Act in case if non-compliance of any order/directive issued at any time and/or violation of the terms and conditions of this consent order.
19. The following records shall be maintained and made available to the Board officers during inspection.
- i) Inspection book.
  - ii) Stack emission records.
  - iii) Ambient Air Quality records.
20. Green belt shall be maintained around the plant by plating a variety of trees in an area at least 4 times the built up area.
21. The applicant shall provide appropriate Rain Water Harvesting Systems on the available upstream portion of the plant site.
22. The applicant shall submit Environment statement in Form V before 30 th september every year as per Rule No. 14 of E(P) Act , 1986 Rules.
23. a) The existing control equipment if any shall be altered or replaced in accordance with the directions of the board within the prescribed time for compliance in this order.  
b) For improving the efficiency of the emission levels set by the Board suitable control equipments should be installed.
24. At any time during the inspection of Pollution Control Board Officers or any other licencing/servicing authorities/if it is observed that the industry is not complying with any of the above conditions leading to pollution problems, this consent is liable for cancellation without further notice and all the services rendered by the servicing departments shall be withdrawn without further notice.
25. The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as Civil liability.
26. All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of management, handling, transportation and storage of hazardous chemicals and wastes shall be followed.
27. All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of microorganism, genetically engineered organisms or cells shall be followed.
28. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 shall be followed.
29. The industry shall provide a minimum stack height (H) to the DG Sets as per the following formula.  
$$H = h + 0.2 \text{ SQRT}(KVA)$$
$$KVA = \text{Total generation capacity, } h = \text{Height of building where D.G.Set is installed in Metres.}$$
30. The applicant shall exhibit the consent order of the Board in the factory premises at a prominent place for the information of the inspecting officers of the different departments.

The applicant shall put up two black boards of size 6 by 4 ft. at the main entrance to their plant. One board shall contain with the specific CFE and CFO conditions, specific to the plant and other board shall carry the latest water, air, noise and solid waste monitoring data as well as the maximum vulnerable zone, if the unit is storing/handling hazardous chemicals.

- 32 Separate power connection with energy meter shall be provided for the Pollution Control Equipments and record of power consumption and chemicals consumption for the operation of pollution control equipment shall be maintained separately.

**SCHEDULE - B**

**Special Conditions**

- 1 The industry shall comply with CREP recommendations with reference to Cement manufacturing.
- 2 Industry shall maintain Bio-Indicators along the boundary of the plant.
- 3 The industry shall remit water cess amounts, as and when assessment orders are issued by the Board.
- 4 The industry shall comply with Hazardous Wastes (Management and Handling) Rules, 1989 and Amendments thereof.

To  
My Home Cement Industries Ltd., Unit -I (Plant),  
Mellacheruvu (V & M)  
Nalgonda Dist.,

*Ranga*  
**MEMBER SECRETARY**

llv 3/5 8/8



**ANDHRA PRADESH POLLUTION CONTROL BOARD**  
**2<sup>nd</sup> FLOOR, MAITRIVANAM, HUDA COMPLEX,**  
**S.R. NAGAR, HYDERABAD - 38**

Phone: 23734043, 23732132  
Fax: 040 - 23733261  
Grams : Kalusya Nivarana  
Website :www.apspcb.org  
E-mail: apspcb@hd2.dot.net.in

Order.No.APPCB/PTN/78/HO/2003/W&A/90- 1994

Dt.09.10.2003

**Sub:-** M/s. My Home Cement Industries Lt.d, Unit - II, Nalgonda Dist., -  
Amendment to Water and Air Consent orders - Issued - Reg.

- Ref:-**
1. Water & Air Consent orders No. Order.No.APPCB/PTN/78/HO/W & A/90/2003 -1518, Dt.18.8.2003.
  2. Yr.Lr.No. MHCIL/PROJ/185/2003-04, Dt. 18.08.2003.
  3. CFE/APPCB/HO/ROO/CFE/2003/14-278, Dt. 28.04.2003.

In the reference 1<sup>st</sup> cited Board had issued Water and Air Consent orders stipulating certain conditions and to manufacture OP Cement - 1460 TPD & Portland Pozzolona Cement - 620 TPD.

In the reference 2<sup>nd</sup> cited you have requested to issue amendment to the consent orders for the expanded capacity of Clinker & Cement Production after obtaining CFE of the Board.

The Board after careful examination of your request, the water and air consent orders issued vide reference 1<sup>st</sup> cited are hereby amended to manufacture Clinker - 2800 TPD, Cement - 3360 TPD subject to the following conditions.

The industry shall not exceed the quantity of lime stone extraction per year beyond IBM approval capacity of mine lease - I and mine lease - II.

All other conditions stipulated in the water and air consent orders issued vide reference 1<sup>st</sup> cited remain same.

To

M/s. My Home Cement Industries Ltd., (Unit - II)  
Mellacheruvu Village and Mandal,  
Nalgonda Dist.,

Copy to J.C.E.E., Z.O., R.C. Puram for information and necessary action.  
Copy to E.E., R.O., Nalgonda for information and necessary action.

*Ranga*  
MEMBER SECRETARY  
8/10



# ANDHRA PRADESH POLLUTION CONTROL BOARD

2nd Floor, HUDA Complex, Maitrivanam, S.R. Nagar, HYDERABAD

Phone: 23731120, 23734043  
Fax: 040-23733261  
Grams: Kalusya Nivaranam  
Web Site: www.apspcb.org  
E-Mail: apspcb@ht2.dot.net.in

## CONSENT ORDER

BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Consent Order No : APPCB/PTN/78/HO/W/2003/90 -15/8

Date : 18/08/2003

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Act).

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 (hereinafter referred to as 'the Act') and the rules and orders made thereunder to

**M/s. My Home Cement Industries Ltd.,(Unit - II)**

**Mellacheruvu Village and Mandal,**

**Nalgonda Dist.,**

( hereinafter referred to as 'the Applicant' ) authorising to operate the industrial plant to discharge the effluents from the following outlets as detailed below.

Outlet No	Outlet Description	Max Daily Discharge(lits / day)	Point Of Disposal
1	Domestic Effluents after Treatment	16000.00	Onland for Plantation

This is subject to the provisions of the Act and Rules and orders made there under and further subject to the terms and conditions incorporated in the Schedule A and Schedule B enclosed to this order.

This consent order is valid to manufacture the following products along with quantities only.

1	OP Cement	1460.00	TPD
2	Portland Pozzolona Cement	620.00	TPD

This consent shall be valid for a period ending with the 30<sup>th</sup> day of June 2004

For and on behalf of the  
A.P. Pollution Control Board

  
MEMBER SECRETARY

To  
M/s My Home Cement Industries Ltd.,(Unit - II)  
Mellacheruvu Village and Mandal,  
Nalgonda Dist.,

Copy to the J.C.E.E, Zonal Office RAMACHANDRAPURAM for information and necessary action.

Copy to the Senior Environmental Engineer (Cess) for information and necessary action.

Copy to the Environmental Engineer Regional Office NALGONDA for information and necessary action

**SCHEDULE - A**

- 1 The applicant shall make an application for grant of renewal of consent atleast 30 days before the date of expiry of this consent.
- 2 Necessary fee as prescribed for obtaining consent shall be paid by the applicant alongwith the consent application.
- 3 The quantity of effluent discharged shall not exceed the figures mentioned in the order
- 4 The industry shall immediately submit the revised application for consent to this Board in the event of any change in the trade effluent, raw material used and processes employed.
- 5 The applicant shall not change or alter either the quality or the quantity or the rate of the discharge or temperature or the route of discharge without the previous written permission of the Board.
- 6 The effluent discharged shall not contain constituents in excess of the tolerance limits mentioned below.

Outlet No	Parameter	Limiting Standards	
1	pH	5.50 - 9.00	
	Total Suspended Solids (TSS at 103 - 105 oC)	200.00	mg/l
	Oil and Grease	10.00	mg/l
	Biochemical Oxygen Demand (BOD 3 at 27 oC)	100.00	mg/l

- 7 The applicant shall develop the green belt around the plant by planting variety of trees in an area atleast 4 times the builtup area.
- 8 The applicant shall provide appropriate Rain Water Harvesting systems on the available u/s portion of the plant site.
- 9 Industry shall submit Environmental Statement in Form V before 30 th September every year as per Rule no: 14 of E(P) Act 1986 Rules.
- 10 The applicant shall display suitable caution board at the place where the effluent is entering any water body or any other place, to be indicated by the Board, indicating therein that the water body into which the effluents are being discharged is not fit for domestic usage/bathing.
- 11 The applicant shall

Not later than 30 days from the date of issue of this consent order, certify in writing to the Board that the applicant has installed or provided for an alternate electric power source sufficient to operate all facilities installed by the applicant to maintain compliance with the terms and conditions of the Consent. OR

Not later than 30 days from the date of this consent certify in writing to the Board that upon the reduction, loss or failure of one or more of the primary sources of electric power to any facilities installed by the applicant to maintain compliance with the terms and conditions of this consent, the applicant shall halt, reduce or otherwise control production and/or all discharges in order to maintain compliance with the terms and conditions of this consent.

- 12 The applicant shall at his own cost get the effluent samples collected both before and after treatment and analysed from APPCB or any other Laboratories which are established as per the guidelines of CPCB/M.OE&F, GOI. every month for the parameters indicated in condition No.6 and shall submit in duplicate the report thereof to the Board.
- 13 The applicant shall take immediate action to install mechanical composite sampling equipment and continuous flow measuring/recording devices on the effluent drains of trade as well as domestic effluent discharge and records shall be maintained.

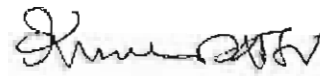
- 14 The applicant shall not allow the discharge from other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the trade and/or domestic effluent.
- 15 The following information shall be forwarded to the Member Secretary regularly every month.
  - a). Monthly statement of daily discharge of domestic as well as trade effluents.
  - b). Analysis reports of domestic as well as trade effluents.
- 16 The industry shall provide
  - a) Meters at the entrance of the water supply connection which are easily accessible for inspection and maintenance and for other purpose of the Act, provided that the place where it is fixed shall in no case be at a point before which water has been tapped by the consumer for utilisation for any purpose whatsoever.
  - b) Separate meters with necessary pipe-line for assessing the quality of water used for each of the three purposes mentioned below.
    1. Industrial cooling or boiler feed.
    2. Domestic purposes.
    3. Processing whereby water gets polluted and pollutants are easily bio-degradable.
    4. Processing whereby water gets polluted and pollutants are not easily bio-degradable and are toxic.
  - c) The industry shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month.
- 17 All Solid wastes arising in the premises shall be properly classified and disposed off to the satisfaction of the Board by:
  - i) Controlled incineration, wherever possible in case of combustible organic material.
  - ii) Vermiculture / Composting, in case of bio-degradable material.
  - iii) Secure land fill in case of non bio-degradable, chemically active/hazardous solid waste. Care shall be taken to ensure that the material does not give leachate which may percolate into ground water or carried away with storm run-off.
- 18 Any toxic material shall be detoxicated and disposed as per the conditions stipulated in the authorisation obtained under Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments thereof.
- 19 Any up-set condition in any of the plant/plants of the factory which is likely to result in increased effluent discharge and/or result violation of the standards mentioned above shall be reported to this Board telegraphically under intimation to the Collector and District Magistrate.
- 20 The applicant shall maintain good house keeping both within the factory and in the premises. All pipes, valves, sewers and drains shall be leak-proof. Floor washings shall be admitted into the effluent collection system only and shall not be allowed to find their way into storm drains or open areas.
- 21 The applicant shall comply with and carry out any other directives/orders issued by the Board subsequently without any negligence on his part. The applicant shall be liable for such legal action as per provisions of the Law/Act in case of non-compliance of any order/directives issued at any time and/or violation of the terms and conditions of this consent order.
- 22 An inspection book shall be opened and made available to the Board's Officers during their visit to the factory.
- 23 The applicant shall furnish to the visiting officer and/or the Board any information regarding the construction, installation or operation of the establishment or of effluent treatment system and such other particulars as may be pertinent for preventing and controlling pollution of water.
- 24 Separate power connection with energy meter shall be provided for the Effluent treatment systems and records of power consumption and chemical consumption for the operation of Effluent treatment systems shall be maintained separately.

- 25 Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves to it the right and power under Section 27(2) of the Water (Prevention & Control of Pollution) Act, 1974 to review any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Act by the Board.
- 26 At any time during the inspection of Pollution Control Board Officers or any other licencing/servicing authorities/if it is observed that the industry is not complying with any of the above conditions leading to pollution problems, this consent is liable for cancellation without further notice and all the services rendered by the servicing departments shall be withdrawn without further notice.
- 27 The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as Civil liability.
- 28 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of management, handling, transportation and storage of hazardous chemicals and waste shall be followed.
- 29 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of microorganisms, genetically engineered organisms or cells shall be followed.
- 30 All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 shall be followed.
- 31 The applicant shall exhibit the consent order of the board in the factory premises at a prominent place for the information of the inspection officers of the different departments.
- 32 The applicant shall put up two black boards of size 6 by 4 ft. at the main entrance to their plant. One board shall contain with the specific CFE and CFO conditions, specific to the plant and other board shall carry the latest water,air,noise and solid waste monitoring data as well as the maximum vulunerable zone, if the unit is storing/handling hazardous chemicals.

#### SCHEDULE - B

##### Special Conditions

- 1 Industry shall lay the cement concrete roads or asphalt concrete roads in the premises as per CFE condition.
- 2 Industry shall plant the bio indicators along the periphery of the industry in four directions.
- 3 CFO for enhanced capacity will be considered after submission of Environmental clearance to the mine lease - II expansion.



MEMBER SECRETARY

18/8

**ANDHRA PRADESH POLLUTION CONTROL BOARD**

2nd Floor, HUDA Complex, Maitrivanam, S.R. Nagar, HYDERABAD

Phone: 23731120, 23734043  
Fax: 040-23733261  
Growth: Kalusya Nivaranu  
Web Site: www.apspcb.org  
E-Mail: apspcb@hyd2.dot.net.in**CONSENT ORDER**

BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Consent Order No : APPCB/PTN/78/HO/2003/A/90 -15/8

Date : 18/08/2003

(Consent Order for operation of the plant under section 21 of Air(Prevention &amp; Control of Pollution) Act 1981).

Consent is hereby granted under section 21 of the Air (Prevention & Control of Pollution ) Act ,1981 (hereinafter referred to as 'the Act' ) and the rules and orders made thereunder to

**M/s My Home Cement Industries Ltd.,(Unit - II)  
Mellacheruvu Village and Mandal,  
Nalgonda Dist.,**

( hereinafter referred to as ' the Applicant ' ) authorising to operate the industrial plant in the Air Pollution Control Areas as notified from the following Chimneys or outlets and the quantity of Emission discharged per hour on any day shall not exceed the figures as mentioned below.

Chimney No	Description of Chimney	Quantity of emissions in m3/hr. at peak flow
1	Attached to 2800 TPD Kiln - II and Vertical Raw Mill	-
2	Attached to Coal Mill - II	-
3	Attached to Lime Stone Crusher - II	-
4	Attached to Clinker Cooler - II	-
5	Attached to Cement Mill - III	-
6	Attached to Packing Plants - 3 & 4	-
7	Attached to 2 x 1944 KVA + 125 KVA D.G. Sets	-

This is subject to the provisions of the Act and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A and B enclosed to this order.

This consent order is valid to manufacture the following products along with quantities only.

1	OP Cement	1460.00 TPD
2	Portland Pozzolona Cement	620.00 TPD

This consent shall be valid for a period ending with the 30<sup>th</sup> day of June 2004

For and on behalf of the  
A.P. Pollution Control Board

MEMBER SECRETARY

18/8

To  
My Home Cement Industries Ltd.,(Unit - II)  
Mellacheruvu Village and Mandal,  
Nalgonda Dist.,

Copy to the JCEE, Zonal Office RAMACHANDRAPURAM for information and necessary action.  
Copy to the Senior Environmental Engineer (CESS) for information and necessary action.  
Copy to the Environmental Engineer Regional Office, NALGONDA for information and necessary action.

#### SCHEDULE - A

- 1 The applicant shall make an application for grant of renewal of consent atleast 30 days before the date of expiry of this consent.
- 2 The industry shall immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed quantity of emissions etc.
- 3 a). All the fugitive emissions shall be controlled with proper measures.  
b). The applicant shall also install the equipment such as wind speed recorder, wind direction recorder and rain fall measuring equipment.
- 4 The applicant shall at his own cost get the samples of emissions collected and analysed from the A.P.P.C.B. or any other Laboratories which are established as per the guidelines and norms of MoE & F,GOI and CPCB, New Delhi, every month for the parameters indicated in the condition No.5 and shall submit in duplicate the report thereof to the Board.
- 5 The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

Chimney No	Parameter	Emission standards (mg/Nm <sup>3</sup> )
1	SPM	115.00
2	SPM	115.00
3	SPM	115.00
4	SPM	115.00
5	SPM	115.00
6	SPM	115.00

Ambient air quality standards shall not exceed the following :-

SPM - 200 ug/m<sup>3</sup>, RSPM - 100 ug/m<sup>3</sup>, SO<sub>2</sub> - 80 ug/m<sup>3</sup>, NO<sub>x</sub> - 80 ug/m<sup>3</sup>

Noise Levels: Day time (6 AM to 9 PM) - 75 dB (A)

Night time (9 PM to 6 AM) - 70 dB (A)

- 6 The applicant shall not change or alter either the prescribed quality or the rate of emission without the previous written permission of the Board.
- 7 The applicant shall set up three ambient air quality monitoring stations for continuous recording of relevant critical parameters.
- 8 The applicant shall either:  
Not later than 30 days from the date of issue of this consent order certify in writing to the Board that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities installed by the applicant to maintain compliance with the terms and conditions of the consent.  
OR  
Not later than 30 days from the date of this consent certify in writing to the Board that upon the reduction loss or failure of one or more primary sources of electric power to any facilities installed by the applicant to maintain compliance with the terms and conditions of this consent, the applicant shall halt, reduce or otherwise control production and/or all emissions in order to maintain compliance with the terms and conditions of this consent.
- 9 For the emission standards fixed under item 5, the applicant shall increase the stack height so as to ensure that the ground level concentrations notified by the Board are adhered to. In any case the minimum stack height should not be less than 30 meters and as per the ground level concentrations if it works out to be more than 30 meters the calculated stack height should be provided.
- 10 No control equipment or chimney shall be altered or replaced, erected or re-erected except with the previous approval of this Board.
- 11 A quarterly progress report shall be submitted to the Board stating therein the progress made in respect of execution of emission control works stated under this consent.
- 12 The applicant shall provide a sampling port with removable dummy of not less than 15 cm, diameter in the stack at a distance of 5 times the diameter of the stack from the nearest constraint such as bends etc., and they should provide a platform with suitable ladder below one meter of sampling port to accommodate three persons with instruments. The applicant shall also provide a 5amp, 250 V plug point on the platform and also provide adequate personnel, equipment etc., for collecting the samples.
- 13 The applicant shall also monitor the stack for the prescribed parameters and frequency as approved by the Board and shall maintain records of the emissions and the records shall be made available to the Board when called for.


- 14 Solid wastes that are likely to cause Air Pollution should be disposed off suitably as directed by the Board.
- 15 Wherein any Air Pollution Control area the emission of any Air Pollutant into the atmosphere in excess of the standards laid down by the Board occurs or is apprehended to occur due to accident or other unforeseen act or event, the person-in-charge of the premises from where such emission occurs or is apprehended to occur shall forthwith intimate the fact of such occurrence or the apprehension of such occurrence to this Board, telegraphically under intimation to the Collector and District magistrate.
- 16 In case of such episodal discharges/emissions mentioned in item 14 above, the industry should take immediate action to bring down the emission below the limits prescribed in the condition No. 5
- 17 A good house keeping shall be maintained both within the factory and in the premises. All hoods, pipes, valves, shall be leak proof.
- 18 The applicant shall comply with the directives/orders issued by the Board in this consent order and at all subsequent times without any negligence on his part. The applicant shall be liable for such legal action against him as per provisions of the Law/Act in case if non-compliance of any order/directive issued at any time and/or violation of the terms and conditions of this consent order.
- 19 The following records shall be maintained and made available to the Board officers during inspection.
- i) Inspection book.
  - ii) Stack emission records.
  - iii) Ambient Air Quality records.
- 20 Green belt shall be maintained around the plant by plating a variety of trees in an area at least 4 times the built up area.
- 21 The applicant shall provide appropriate Rain Water Harvesting Systems on the available upstream portion of the plant site.
- 22 The applicant shall submit Environment statement in Form V before 30 th september every year as per Rule No. 14 of E(P) Act , 1986 Rules.
- 23 a) The existing control equipment if any shall be altered or replaced in accordance with the directions of the board within the prescribed time for compliance in this order.  
b) For improving the efficiency of the emission levels set by the Board suitable control equipments should be installed.
- 24 At any time during the inspection of Pollution Control Board Officers or any other licencing/servicing authorities/if it is observed that the industry is not complying with any of the above conditions leading to pollution problems, this consent is liable for cancellation without further notice and all the services rendered by the servicing departments shall be withdrawn without further notice.
- 25 The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as Civil liability.
- 26 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of management, handling, transportation and storage of hazardous chemicals and wastes shall be followed.
- 27 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of microorganism, genetically engineered organisms or cells shall be followed.
- 28 All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 shall be followed.
- 29 The industry shall provide a minimum stack height (H) to the DG Sets as per the following formula.
- $$H = h + 0.2 \text{ SQRT}(KVA)$$
- KVA = Total generation capacity, h = Height of buikling where D.G.Set is installed in Metres.
- 30 The applicant shall exhibit the consent order of the Board in the factory premises at a prominent place for the information of the inspecting officers of the different departments.

31. The applicant shall put up two black boards of size 6 by 4 ft. at the main entrance to their plant. One board shall contain with the specific CFE and CFO conditions, specific to the plant and other board shall carry the latest water, air, noise and solid waste monitoring data as well as the maximum vulnerable zone, if the unit is storing/handling hazardous chemicals.
32. Separate power connection with energy meter shall be provided for the Pollution Control Equipments and record of power consumption and chemicals consumption for the operation of pollution control equipment shall be maintained separately.

#### SCHEDULE - B

##### Special Conditions

1. Industry shall lay the cement concrete roads or asphalt concrete roads in the premises as per CFE condition.
2. Industry shall plant the bio indicators along the periphery of the industry in four directions.
3. CFO for enhanced capacity will be considered after submission of Environmental clearance to the mine lease - II expansion.



MEMBER SECRETARY

*P*  
15/12



# ANDHRA PRADESH POLLUTION CONTROL BOARD

Phone: 23731120, 23734043  
Fax: 040-23733261  
Grams: Kalusya Nivaranam  
Web Site: www.apspcb.org  
E-Mail: apspcb@hd2.dot.net.in

2nd Floor, HUDA Complex, Maitrivanam, S.R. Nagar, HYDERABAD

## CONSENT ORDER

BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Consent Order No : APPCB/PTN/NGL/163/HO/W/2003/93 -/SO2- Date : 18/08/2003

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Act).

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 (hereinafter referred to as 'the Act') and the rules and orders made thereunder to

**M/s. My Home Cement Industries Ltd.,  
Unit - I (Plant),  
Mellacheruvu (V & M)  
Nalgonda Dist.,**

( hereinafter referred to as 'the Applicant' ) authorising to operate the industrial plant to discharge the effluents from the following outlets as detailed below.

Outlet No	Outlet Description	Max Daily Discharge(lits / day)	Point Of Disposal
1	Domestic Effluents after Treatment	144000.00	Onland For Irrigation

This is subject to the provisions of the Act and Rules and orders made there under and further subject to the terms and conditions incorporated in the Schedule A and Schedule B enclosed to this order.

This consent order is valid to manufacture the following products along with quantities only.

1	Clinker	2000.00	TPD
2	O.P. Cement	2400.00	TPD

This consent shall be valid for a period ending with the 30<sup>th</sup> day of June 2004

For and on behalf of the  
A.P. Pollution Control Board

MEMBER SECRETARY

To  
M/s My Home Cement Industries Ltd., Unit -I (Plant),  
Mellacheruvu (V & M)  
Nalgonda Dist.,

Copy to the J.C.E.E, Zonal Office RAMACHANDRAPURAM for information and necessary action.  
Copy to the Senior Environmental Engineer (Cess) for information and necessary action.  
Copy to the Environmental Engineer Regional Office NALGONDA for information and necessary action

## SCHEDULE - A

- 1 The applicant shall make an application for grant of renewal of consent atleast 30 days before the date of expiry of this consent.
- 2 Necessary fee as prescribed for obtaining consent shall be paid by the applicant alongwith the consent application.
- 3 The quality of effluent discharged shall not exceed the figures mentioned in the order
- 4 The industry shall immediately submit the revised application for consent to this Board in the event of any **change in the trade effluent, raw material used and processes employed.**
- 5 The applicant shall not change or alter either the quality or the quantity or the rate of the discharge or temperature or the route of discharge without the previous written permission of the Board.
- 6 The effluent discharged shall not contain constituents in excess of the tolerance limits mentioned below.

Outlet No	Parameter	Limiting Standards
1	pH	5.50 - 9.00
	Total Suspended Solids (TSS at 103 - 105 oC)	200.00 mg/l
	Oil and Grease	10.00 mg/l
	Biochemical Oxygen Demand (BOD 3 at 27 oC)	100.00 mg/l

- 7 The applicant shall develop the green belt around the plant by planting variety of trees in an area atleast 4 times the builtup area.
- 8 The applicant shall provide appropriate Rain Water Harvesting systems on the available w/s portion of the plant site.
- 9 Industry shall submit Environmental Statement in Form V before 30 th September every year as per Rule no: 14 of E(P) Act 1986 Rules.
- 10 The applicant shall display suitable caution board at the place where the effluent is entering any water body or any other place, to be indicated by the Board, indicating therein that the water body into which the effluents are being discharged is not fit for domestic usage/bathing.
- 11 The applicant shall

Not later than 30 days from the date of issue of this consent order, certify in writing to the Board that the applicant has installed or provided for an alternate electric power source sufficient to operate all facilities installed by the applicant to maintain compliance with the terms and conditions of the Consent.

OR

Not later than 30 days from the date of this consent certify in writing to the Board that upon the reduction, loss or failure of one or more of the primary sources of electric power to any facilities installed by the applicant to maintain compliance with the terms and conditions of this consent, the applicant shall halt, reduce or otherwise control production and/or all discharges in order to maintain compliance with the terms and conditions of this consent.

12 The applicant shall at his own cost get the effluent samples collected both before and after treatment and analysed from APPCB or any other Laboratories which are established as per the guidelines of CPCB/M.OE&F, GOI. every month for the parameters indicated in condition No.6 and shall submit in duplicate the report thereof to the Board.

13 The applicant shall take immediate action to install mechanical composite sampling equipment and continuous flow measuring/recording devices on the effluent drains of trade as well as domestic effluent discharge and records shall be maintained.


- 14 The applicant shall not allow the discharge from other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the trade and/or domestic effluent.
- 15 The following information shall be forwarded to the Member Secretary regularly every month.
  - a). Monthly statement of daily discharge of domestic as well as trade effluents.
  - b). Analysis reports of domestic as well as trade effluents.
- 16 The industry shall provide
  - a) Meters at the entrance of the water supply connection which are easily accessible for inspection and maintenance and for other purpose of the Act, provided that the place where it is fixed shall in no case be at a point before which water has been tapped by the consumer for utilisation for any purpose whatsoever.
  - b) Separate meters with necessary pipe-line for assessing the quality of water used for each of the three purposes mentioned below.
    1. Industrial cooling or boiler feed.
    2. Domestic purposes.
    3. Processing whereby water gets polluted and pollutants are easily bio-degradable.
    4. Processing whereby water gets polluted and pollutants are not easily bio-degradable and are toxic.
  - c. The industry shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month.
- 17 All Solid wastes arising in the premises shall be properly classified and disposed off to the satisfaction of the Board by:
  - i) Controlled incineration, wherever possible in case of combustible organic material.
  - ii) Vermiculture / Composting, in case of bio-degradable material.
  - iii) Secure land fill in case of non bio-degradable, chemically active/hazardous solid waste. Care shall be taken to ensure that the material doesnot give lechate which may percolate into ground water or carried away with storm run -off.
- 18 Any toxic material shall be detoxicated and disposed as per the conditions stipulated in the authorisation obtained under Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments thereof.
- 19 Any up-set condition in any of the plant/plants of the factory which is likely to result in increased effluent discharge and/or result violation of the standards mentioned above shall be reported to this Board telegraphically under intimation to the Collector and District Megistrate.
- 20 The applicant shall maintain good house keeping both within the factory and in the premises. All pipes, valves, sewers and drains shall be leak-proof. Floor washings shall be admitted into the effluent collection system only and shall not be allowed to find their way into storm drains or open areas.
- 21 The applicant shall comply with and carry out any other directives/orders issued by the Board subsequently without any negligence on his part. The applicant shall be liable for such legal action as per provisions of the Law/Act in case of non-compliance of any order/directives issued at any time and/or violation of the terms and conditions of this consent order.
- 22 An inspection book shall be opened and made available to the Board's Officers during their visit to the factory.
- 23 The applicant shall furnish to the visiting officer and/or the Board any information regarding the construction, installation or operation of the establishment or of effluent treatment system and such other particulars as may be pertinent for preventing and controlling pollution of water.
- 24 Separate power connection with energy meter shall be provided for the Effluent treatment systems and records of power consumption and chemical consumption for the operation of Effluent treatment systems shall be maintained separately.

- 25 Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves to it the right and power under Section 27(2) of the Water (Prevention & Control of Pollution) Act, 1974 to review any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Act by the Board.
- 26 At any time during the inspection of Pollution Control Board Officers or any other licencing/servicing authorities/if it is observed that the industry is not complying with any of the above conditions leading to pollution problems, this consent is liable for cancellation without further notice and all the services rendered by the servicing departments shall be withdrawn without further notice.
- 27 The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as Civil liability.
- 28 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of management, handling, transportation and storage of hazardous chemicals and waste shall be followed.
- 29 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of microorganisms, genetically engineered organisms or cells shall be followed.
- 30 All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 shall be followed.
- 31 The applicant shall exhibit the consent order of the board in the factory premises at a prominent place for the information of the inspection officers of the different departments.
- 32 The applicant shall put up two black boards of size 6 by 4 ft. at the main entrance to their plant. One board shall contain with the specific CFE and CFO conditions, specific to the plant and other board shall carry the latest water,air,noise and solid waste monitoring data as well as the maximum vulunerable zone, if the unit is storing/handling hazardous chemicals.

#### SCHEDULE - B

##### Special Conditions

- 1 Industry shall submit plan of action with time targets to comply CREP recommendations.
- 2 Industry shall maintain Bio Indicators along the boundary of the plant.
- 3 CFO for enhanced capacity will be considered after submission of Environmental Clearance to the Mine Lease -  
II expansion.



MEMBER SECRETARY

1978



# ANDHRA PRADESH POLLUTION CONTROL BOARD

Phone: 23731120, 23734043  
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Web Site: www.apspcb.org  
E-Mail: apspcb@hd2.dot.nst.in

2nd Floor, HUDA Complex, Maitrivanam, S.R. Nagar, HYDERABAD

## CONSENT ORDER

BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Consent Order No : APPCB/PTN/NGL/163/HO/2003/A/93 -1502 Date : 18/08/2003

(Consent Order for operation of the plant under section 21 of Air(Prevention & Control of Pollution) Act 1981).

Consent is hereby granted under section 21 of the Air (Prevention & Control of Pollution) Act ,1981 (hereinafter referred to as 'the Act') and the rules and orders made thereunder to

M/s My Home Cement Industries Ltd., Unit -I (Plant),  
Mellacheruvu (V & M)  
Nalgonda Dist.,

( hereinafter referred to as 'the Applicant ' ) authorising to operate the industrial plant in the Air Pollution Control Areas as notified from the following Chimneys or outlets and the quantity of Emission discharged per hour on any day shall not exceed the figures as mentioned below.

Chimney No	Description of Chimney	Quantity of emissions in m <sup>3</sup> /hr. at peak flow
1	Attached to Kiln and Raw Mill	-
2	Attached to Coal Mill	-
3	Attached to Cement Mills I & II	-
4	Attached to Clinker Cooler	-
5	Attached to Packing Plant I & II	-
6	Attached to 2 x 1944 KVA + 125 KVA D.G. Sets	-


This is subject to the provisions of the Act and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A and B enclosed to this order.

This consent order is valid to manufacture the following products along with quantities only.

1	Clinker	2000.00	TPD
2	O.P. Cement	2400.00	TPD

This consent shall be valid for a period ending with the 30<sup>th</sup> day of June 2004

For and on behalf of the  
A.P. Pollution Control Board

  
MEMBER SECRETARY

To  
My Home Cement Industries Ltd., Unit -I (Plant),  
Mellacheruvu (V & M)  
Nalgonda Dist.,

Copy to the JCEE, Zonal Office RAMACHANDRAPURAM for information and necessary action.  
Copy to the Senior Environmental Engineer (CESS) for information and necessary action.  
Copy to the Environmental Engineer Regional Office, NALGONDA for information and necessary action

## SCHEDULE - A

- 1 The applicant shall make an application for grant of renewal of consent atleast 30 days before the date of expiry of this consent.
- 2 The industry shall immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed quantity of emissions etc.
- 3 a). All the fugitive emissions shall be controlled with proper measures.  
b). The applicant shall also install the equipment such as wind speed recorder, wind direction recorder and rain fall measuring equipment.
- 4 The applicant shall at his own cost get the samples of emissions collected and analysed from the A.P.P.C.B. or any other Laboratories which are established as per the guidelines and norms of MoE & F,GOI and CPCB, New Delhi, every month for the parameters indicated in the condition No.5 and shall submit in duplicate the report thereof to the Board.
- 5 The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

Chimney No	Parameter	Emission standards (mg/Nm <sup>3</sup> )
1	SPM	115.00
2	SPM	115.00
3	SPM	115.00
4	SPM	115.00
5	SPM	115.00

Ambient air quality standards shall not exceed the following :-

SPM - 200 ug/m<sup>3</sup>, RSPM - 100 ug/m<sup>3</sup>, SO<sub>2</sub> - 80 ug/m<sup>3</sup>, NO<sub>x</sub> - 80 ug/m<sup>3</sup>

Noise Levels: Day time (6 AM to 9 PM) - 75 dB (A)  
Night time (9 PM to 6 AM) - 70 dB (A)

- 6 The applicant shall not change or alter either the prescribed quality or the rate of emission without the previous written permission of the Board.
- 7 The applicant shall set up three ambient air quality monitoring stations for continuous recording of relevant critical parameters.
- 8 The applicant shall either:  
Not later than 30 days from the date of issue of this consent order certify in writing to the Board that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities installed by the applicant to maintain compliance with the terms and conditions of the consent.  
OR  
Not later than 30 days from the date of this consent certify in writing to the Board that upon the reduction loss or failure of one or more primary sources of electric power to any facilities installed by the applicant to maintain compliance with the terms and conditions of this consent, the applicant shall halt, reduce or otherwise control production and/or all emissions in order to maintain compliance with the terms and conditions of this consent.
- 9 For the emission standards fixed under item 5, the applicant shall increase the stack height so as to ensure that the ground level concentrations notified by the Board are adhered to. In any case the minimum stack height should not be less than 30 meters and as per the ground level concentrations if it works out to be more than 30 meters the calculated stack height should be provided.
- 10 No control equipment or chimney shall be altered or replaced, erected or re-erected except with the previous approval of this Board.
- 11 A quarterly progress report shall be submitted to the Board stating therein the progress made in respect of execution of emission control works stated under this consent.
- 12 The applicant shall provide a sampling port with removable dummy of not less than 15 cm, diameter in the stack at a distance of 5 times the diameter of the stack from the nearest constraint such as bends etc., and they should provide a platform with suitable ladder below one meter of sampling port to accommodate three persons with instruments. The applicant shall also provide a 5amp. 250 V plug point on the platform and also provide adequate

- 14 Solid wastes that are likely to cause Air Pollution should be disposed off suitably as directed by the Board.
- 15 Wherein any Air Pollution Control area the emission of any Air Pollutant into the atmosphere in excess of the standards laid down by the Board occurs or is apprehended to occur due to accident or other unforeseen act or event, the person-in-charge of the premises from where such emission occurs or is apprehended to occur shall forthwith intimate the fact of such occurrence or the apprehension of such occurrence to this Board, telegraphically under intimation to the Collector and District magistrate.
- 16 In case of such episodal discharges/emissions mentioned in item 14 above, the industry should take immediate action to bring down the emission below the limits prescribed in the condition No. 5
- 17 A good house keeping shall be maintained both within the factory and in the premises. All hoods, pipes, valves, shall be leak proof.
- 18 The applicant shall comply with the directives/orders issued by the Board in this consent order and at all subsequent times without any negligence on his part. The applicant shall be liable for such legal action against him as per provisions of the Law/Act in case if non-compliance of any order/directive issued at any time and/or violation of the terms and conditions of this consent order.
- 19 The following records shall be maintained and made available to the Board officers during inspection.
- i) Inspection book.
  - ii) Stack emission records.
  - iii) Ambient Air Quality records.
- 20 Green belt shall be maintained around the plant by planting a variety of trees in an area at least 4 times the built up area.
- 21 The applicant shall provide appropriate Rain Water Harvesting Systems on the available upstream portion of the plant site.
- 22 The applicant shall submit Environment statement in Form V before 30 th september every year as per Rule No. 14 of E(P) Act , 1986 Rules.
- 23 a) The existing control equipment if any shall be altered or replaced in accordance with the directions of the board within the prescribed time for compliance in this order.  
b) For improving the efficiency of the emission levels set by the Board suitable control equipments should be installed.
- 24 At any time during the inspection of Pollution Control Board Officers or any other licencing/servicing authorities/if it is observed that the industry is not complying with any of the above conditions leading to pollution problems, this consent is liable for cancellation without further notice and all the services rendered by the servicing departments shall be withdrawn without further notice.
- 25 The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as Civil liability.
- 26 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of management, handling, transportation and storage of hazardous chemicals and wastes shall be followed.
- 27 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of microorganism, genetically engineered organisms or cells shall be followed.
- 28 All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 shall be followed.
- 29 The industry shall provide a minimum stack height (H) to the DG Sets as per the following formula.
- $$H = h + 0.2 \text{ SQRT}(KVA)$$
- KVA = Total generation capacity, h = Height of building where D.G.Set is installed in Metres.

31 The applicant shall put up two black boards of size 6 by 4 ft. at the main entrance to their plant. One board shall contain with the specific CFE and CFO conditions, specific to the plant and other board shall carry the latest water, air, noise and solid waste monitoring data as well as the maximum vulnerable zone, if the unit is storing/handling hazardous chemicals.

32 Separate power connection with energy meter shall be provided for the Pollution Control Equipments and record of power consumption and chemicals consumption for the operation of pollution control equipment shall be maintained separately.

**SCHEDULE - B**

**Special Conditions**

- 1 Industry shall submit plan of action with time targets to comply CREP recommendations.
- 2 Industry shall maintain Bio Indicators along the boundary of the plant.
- 3 CFO for enhanced capacity will be considered after submission of Environmental Clearance to the Mine Lease - II expansion.



**MEMBER SECRETARY**





# ANDHRA PRADESH POLLUTION CONTROL BOARD

2nd Floor, HUDA COMPLEX, MAITRIVANAM, S.R. NAGAR

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Gram: Kalusya Nivrana  
Web Site: www.apspcb.org  
E-Mail: apspcb@hd2.dor.net.in

## CONSENT ORDER

BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Consent Order No : APPCB/PTN/78/HO/W/2003/28 **213** - Date : 16/04/2003

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Act).

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 (hereinafter referred to as 'the Act') and the rules and orders made thereunder to

**M/s. My Home Cement Industries Ltd.,(Unit - II)**  
**Mellacheruvu Village and Mandal,**  
**Nalgonda Dist.,,**

( hereinafter referred to as 'the Applicant' ) authorising to operate the industrial plant to discharge the effluents from the following outlets as detailed below.

Outlet No	Outlet Description	Max Daily Discharge(lits / day)	Point Of Disposal
1	Domestic Effluents after Treatment	48000.00	Onland for Plantation

This is subject to the provisions of the Act and Rules and orders made there under and further subject to the terms and conditions incorporated in the Schedule A and Schedule B enclosed to this order.

This consent order is valid to manufacture the following products along with quantities only.

1	OP Cement	1460.00	TPD
2	Portland Pozzolona Cement	620.00	TPD

This consent shall be valid for a period ending with the 31<sup>st</sup> day of January 2004

For and on behalf of the  
A.P. Pollution Control Board

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ADDITIONAL SECRETARY

To

M/s My Home Cement Industries Ltd.,(Unit - II)  
Mellacheruvu Village and Mandal,  
Nalgonda Dist.,,

Copy to the J.C.E.E, Zonal Office RAMACHANDRAPURAM for information and necessary action.

Copy to the Senior Environmental Engineer (Cess) for information and necessary action.

Copy to the Environmental Engineer Regional Office NALGONDA for information and necessary action

## SCHEDULE - A

- 1 The applicant shall make an application for grant of renewal of consent atleast 30 days before the date of expiry of this consent.
- 2 Necessary fee as prescribed for obtaining consent shall be paid by the applicant alongwith the consent application.
- 3 The quantity of effluent discharged shall not exceed the figures mentioned in the order
- 4 The industry shall immediately submit the revised application for consent to this Board in the event of any change in the trade effluent, raw material used and processes employed.
- 5 The applicant shall not change or alter either the quality or the quantity or the rate of the discharge or temperature or the route of discharge without the previous written permission of the Board.
- 6 The effluent discharged shall not contain constituents in excess of the tolerance limits mentioned below

Outlet No.	Parameter	Limiting Standards	
1	pH	5.50 - 9.00	
	Total Suspended Solids (TSS at 103 - 105 oC)	200.00	mg/l
	Oil and Grease	10.00	mg/l
	Biochemical Oxygen Demand (BOD 3 at 27 oC)	100.00	mg/l

- 7 The applicant shall develop the green belt around the plant by planting variety of trees in an area atleast 4 times the builtup area.
- 8 The applicant shall provide appropriate Rain Water Harvesting systems on the available u/s portion of the plant site.
- 9 Industry shall submit Environmental Statement in Form V before 30 th September every year as per Rule no: 14 of E(P) Act 1986 Rules.
- 10 The applicant shall display suitable caution board at the place where the effluent is entering any water body or any other place, to be indicated by the Board, indicating therein that the water body into which the effluents are being discharged is not fit for domestic usage/bathing.
- 11 The applicant shall
  - Not later than 30 days from the date of issue of this consent order, certify in writing to the Board that the applicant has installed or provided for an alternate electric power source sufficient to operate all facilities installed by the applicant to maintain compliance with the terms and conditions of the Consent. OR
  - Not later than 30 days from the date of this consent certify in writing to the Board that upon the reduction, loss or failure of one or more of the primary sources of electric power to any facilities installed by the applicant to maintain compliance with the terms and conditions of this consent, the applicant shall halt, reduce or otherwise control production and/or all discharges in order to maintain compliance with the terms and conditions of this consent.
- 12 The applicant shall at his own cost get the effluent samples collected both before and after treatment and analysed from APPCB or any other Laboratories which are established as per the guidelines of CPCB/M.OE&F, GOI every month for the parameters indicated in condition No.6 and shall submit in duplicate the report thereof to the Board.
- 13 The applicant shall take immediate action to install mechanical composite sampling equipment and continuous flow measuring/recording devices on the effluent drains of trade as well as domestic effluent discharge and records shall be maintained.

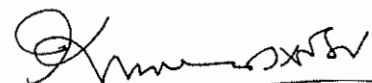
- 14 The applicant shall not allow the discharge from other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the trade and/or domestic effluent.
- 15 The following information shall be forwarded to the Member Secretary regularly every month.
  - a). Monthly statement of daily discharge of domestic as well as trade effluents.
  - b). Analysis reports of domestic as well as trade effluents.
- 16 The industry shall provide
  - a) Meters at the entrance of the water supply connection which are easily accessible for inspection and maintenance and for other purpose of the Act, provided that the place where it is fixed shall in no case be at a point before which water has been tapped by the consumer for utilisation for any purpose whatsoever.
  - b) Separate meters with necessary pipe-line for assessing the quality of water used for each of the three purposes mentioned below.
    1. Industrial cooling or boiler feed.
    2. Domestic purposes.
    3. Processing whereby water gets polluted and pollutants are easily bio-degradable.
    4. Processing whereby water gets polluted and pollutants are not easily bio-degradable and are toxic
  - c. The industry shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month.
- 17 All Solid wastes arising in the premises shall be properly classified and disposed off to the satisfaction of the Board by:
  - i) Controlled incineration, wherever possible in case of combustible organic material.
  - ii) Vermiculture / Composting, in case of bio-degradable material.
  - iii) Secure land fill in case of non bio-degradable, chemically active/hazardous solid waste. Care shall be taken to ensure that the material doesnot give lechate which may percolate into ground water or carried away with storm run -off.
- 18 Any toxic material shall be detoxicated and disposed as per the conditions stipulated in the authorisation obtained under Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments thereof and its attached.
- 19 Any up-set condition in any of the plant/plants of the factory which is likely to result in increased effluent discharge and/or result violation of the standards mentioned above shall be reported to this Board telegraphically under intimation to the Collector and District Megistrate.
- 20 The applicant shall maintain good house keeping both within the factory and in the premises. All pipes, valves, sewers and drains shall be leak-proof. Floor washings shall be admitted into the effluent collection system only and shall not be allowed to find their way into storm drains or open areas.
- 21 The applicant shall comply with and carry out any other directives/orders issued by the Board subsequently without any negligence on his part. The applicant shall be liable for such legal action as per provisions of the Law/Act in case of non-compliance of any order/directives issued at any time and/or violation of the terms and conditions of this consent order.
- 22 An inspection book shall be opened and made available to the Board's Officers during their visit to the factory
- 23 The applicant shall furnish to the visiting officer and/or the Board any information regarding the construction, installation or operation of the establishment or of effluent treatment system and such other particulars as may be pertinent for preventing and controlling pollution of water.
- 24 Separate power connection with energy meter shall be provided for the Effluent treatment systems and records of power consumption and chemical consumption for the operation of Effluent treatment systems shall be maintained separately.

- 25 Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves to it the right and power under Section 27(2) of the Water (Prevention & Control of Pollution) Act, 1974 to review any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Act by the Board.
- 26 At any time during the inspection of Pollution Control Board Officers or any other licencing/servicing authorities/if it is observed that the industry is not complying with any of the above conditions leading to pollution problems, this consent is liable for cancellation without further notice and all the services rendered by the servicing departments shall be withdrawn without further notice.
- 27 The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as Civil liability.
- 28 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of management, handling, transportation and storage of hazardous chemicals and waste shall be followed.
- 29 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of microorganisms, genetically engineered organisms or cells shall be followed.
- 30 All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 shall be followed.
- 31 The applicant shall exhibit the consent order of the board in the factory premises at a prominent place for the information of the inspection officers of the different departments.
- 32 The applicant shall put up two black boards of size 6 by 4 ft. at the main entrance to their plant. One board shall contain with the specific CFE and CFC conditions, specific to the plant and other board shall carry the latest water, air, noise and solid waste monitoring data as well as the maximum vulnerable zone, if the unit is storing/handling hazardous chemicals.

#### SCHEDULE - B

##### Special Conditions

- 1 Industry shall lay the cement concrete roads or asphalt concrete roads in the premises as per CFE condition
- 2 Industry shall plant the bio-indicators along the periphery of the industry in four directions.



ADDITIONAL SECRETARY

21/4



ANDHRA PRADESH POLLUTION CONTROL BOARD

2nd Floor, HUDA Complex, Maitrivanam  
S.R. Nagar, HYDERABAD

Phones: 3731120, 3734043  
3731126, 3732132  
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Grams: Kalushya Nivaran  
Website: www.apspcb.org  
e-mail: info@apspcb.org  
e-mail: chatty@hd2.dof.net.in

CONSENT ORDER

BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Consent Order No : APPCB/PTN/NGL/163/HO/W/2002/130 - 11/8/20

Date : 28/08/2002

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Act).

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 (hereinafter referred to as 'the Act') and the rules and orders made thereunder to

M/s. My Home Cement Industries Ltd (Plant),  
Unit - I Mellacheruvu (V & M)  
Nalgonda Dist.,

( hereinafter referred to as 'the Applicant' ) authorising to operate the industrial plant to discharge the effluents from the following outlets as detailed below.

Outlet No	Outlet Description	Max Daily Discharge (lits / day)	Point Of Disposal
1	Domestic Effluents after Treatment	160000.00	Onland For Irrigation

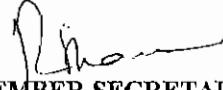
This is subject to the provisions of the Act and Rules and orders made there under and further subject to the terms and conditions incorporated in the Schedule A and Schedule B enclosed to this order.

This consent order is valid for manufacture the following products along with quantities only.

1	Portland Cement	1,550.00	TPD
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This consent shall be valid for a period ending with the 30<sup>th</sup> day of June 2003

For and on behalf of the  
A.P. Pollution Control Board

  
MEMBER SECRETARY

To  
M/s My Home Cement Industries Ltd (Plant),  
Unit - I Mellacheruvu (V & M)  
Nalgonda Dist.,

Copy to the J.C.E.E, Zonal Office RAMACHANDRAPURAM for information and necessary action.  
Copy to the Senior Environmental Engineer (Cess) for information and necessary action.  
Copy to the Environmental Engineer Regional Office NALGONDA for information and necessary action

## SCHEDULE - A

The applicant shall make an application for grant of renewal of consent atleast 30 days before the date of expiry of this consent.

- 2 Necessary fee as prescribed for obtaining consent shall be paid by the applicant alongwith the consent application.
- 3 The quantity of effluent discharged shall not exceed the figures mentioned in the order
- 4 The industry shall immediately submit the revised application for consent to this Board in the event of any change in the trade effluent, raw material used and processes employed.
- 5 The applicant shall not change or alter either the quality or the quantity or the rate of the discharge or temperature or the route of discharge without the previous written permission of the Board.
- 6 The effluent discharged shall not contain constituents in excess of the tolerance limits mentioned below.

Outlet No	Parameter	Limiting Standards	
1	pH	5.50 - 9.00	
	Total Suspended Solids (TSS at 103 - 105 oC)	200.00	mg/l
	Oil And Grease	10.00	mg/l
	Biochemical Oxygen Demand (BOD 3 at 27 oC)	100.00	mg/l

- 7 The applicant shall develop the green belt around the plant by planting variety of trees in an area atleast 4 times the builtup area.
- 8 The applicant shall provide appropriate Rain Water Harvesting systems on the available u/s portion of the plant site.
- 9 Industry shall submit Environmental Statement in Form V before 30 th September every year as per Rule no: 14 of E(P) Act 1986 Rules.
- 10 The applicant shall display suitable caution board at the place where the effluent is entering any water body or any other place, to be indicated by the Board, indicating therein that the water body into which the effluents are being discharged is not fit for domestic usage/bathing.
- 11 The applicant shall

Not later than 30 days from the date of issue of this consent order, certify in writing to the Board that the applicant has installed or provided for an alternate electric power source sufficient to operate all facilities installed by the applicant to maintain compliance with the terms and conditions of the Consent. OR

Not later than 30 days from the date of this consent certify in writing to the Board that upon the reduction, loss or failure of one or more of the primary sources of electric power to any facilities installed by the applicant to maintain compliance with the terms and conditions of this consent, the applicant shall halt, reduce or otherwise control production and/or all discharges in order to maintain compliance with the terms and conditions of this consent.

- 12 The applicant shall at his own cost get the effluent samples collected both before and after treatment and analysed from APPCB or any other Laboratories which are established as per the guidelines of CPCB/M.OE&F, GOI every month for the parameters indicated in condition No.6 and shall submit in duplicate the report thereof to the Board.
- 13 The applicant shall take immediate action to install mechanical composite sampling equipment and continuous flow measuring/recording devices on the effluent drains of trade as well as domestic effluent discharge and records shall be maintained.

- 14 The applicant shall not allow the discharge from other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the trade and/or domestic effluent.
- 15 The following information shall be forwarded to the Member Secretary regularly every month.
- a) Monthly statement of daily discharge of domestic as well as trade effluents.
  - b) Analysis reports of domestic as well as trade effluents.
- 16 The industry shall provide
- a) Meters at the entrance of the water supply connection which are easily accessible for inspection and maintenance and for other purpose of the Act, provided that the place where it is fixed shall in no case be at a point before which water has been tapped by the consumer for utilisation for any purpose whatsoever.
  - b) Separate meters with necessary pipe-line for assessing the quality of water used for each of the three purposes mentioned below.
    1. Industrial cooling or boiler feed.
    2. Domestic purposes.
    3. Processing whereby water gets polluted and pollutants are easily bio-degradable.
    4. Processing whereby water gets polluted and pollutants are not easily bio-degradable and are toxic.
  - c) The industry shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month.
- 17 All Solid wastes arising in the premises shall be properly classified and disposed off to the satisfaction of the Board by:
- i) Controlled incineration, wherever possible in case of combustible organic material.
  - ii) Vermiculture / Composting, in case of bio-degradable material.
  - iii) Secure land fill in case of non bio-degradable, chemically active/hazardous solid waste. Care shall be taken to ensure that the material does not give leachate which may percolate into ground water or carried away with storm run-off.
- 18 Any toxic material shall be detoxicated and disposed as per the conditions stipulated in the authorisation obtained under Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments thereof.
- 19 Any up-set condition in any of the plant/plants of the factory which is likely to result in increased effluent discharge and/or result violation of the standards mentioned above shall be reported to this Board telegraphically under intimation to the Collector and District Magistrate.
- 20 The applicant shall maintain good house keeping both within the factory and in the premises. All pipes, valves, sewers and drains shall be leak-proof. Floor washings shall be admitted into the effluent collection system only and shall not be allowed to find their way into storm drains or open areas.
- 21 The applicant shall comply with and carry out any other directives/orders issued by the Board subsequently without any negligence on his part. The applicant shall be liable for such legal action as per provisions of the Law/Act in case of non-compliance of any order/directives issued at any time and/or violation of the terms and conditions of this consent order.
- 22 An inspection book shall be opened and made available to the Board's Officers during their visit to the factory.
- 23 The applicant shall furnish to the visiting officer and/or the Board any information regarding the construction, installation or operation of the establishment or of effluent treatment system and such other particulars as may be pertinent for preventing and controlling pollution of water.
- 24 Separate power connection with energy meter shall be provided for the Effluent treatment systems and records of power consumption and chemical consumption for the operation of Effluent treatment systems shall be maintained separately.

Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves to it the right and power under Section 27(2) of the Water (Prevention & Control of Pollution) Act, 1974 to review any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Act by the Board.

- 26 At any time during the inspection of Pollution Control Board Officers or any other licencing/servicing authorities/if it is observed that the industry is not complying with any of the above conditions leading to pollution problems, this consent is liable for cancellation without further notice and all the services rendered by the servicing departments shall be withdrawn without further notice.
- 27 The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as Civil liability.
- 28 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of management, handling, transportation and storage of hazardous chemicals and waste shall be followed.
- 29 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of microorganisms, genetically engineered organisms or cells shall be followed.
- 30 All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 shall be followed.
- 31 The applicant shall exhibit the consent order of the board in the factory premises at a prominent place for the information of the inspection officers of the different departments.
- 32 The applicant shall put up two black boards of size 6 by 4 ft. at the main entrance to their plant. One board shall contain with the specific CFE and CFO conditions, specific to the plant and other board shall carry the latest water, air, noise and solid waste monitoring data as well as the maximum vulnerable zone, if the unit is storing/handling hazardous chemicals.

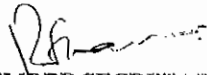
  
MEMBER SECRETARY

  
28/8

#### SCHEDULE - B

##### Special Conditions

- 1 Industry shall complete the clinker stock pile by September, 2002 and STP by October, 2002.
- 2 Industry shall maintain Bio indicators along the boundary of the plant.

  
MEMBER SECRETARY

  
28/8

ANDHRA PRADESH POLLUTION CONTROL BOARD

2nd Floor,HUDA Complex , Maitriyanam  
S.R. Nagar, HYDERABAD

Phones: 3731120,3734003

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Grams: Kalushya Nivaranam

Website : www.apspcb.org

e-mail : linfo@apspcb.org

e-mail : chatty@hd2.dot.net.in

CONSENT ORDER

BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Consent Order No : APPCB/PTN/NGL/163/HO/2002/A/130 - 1120  
Date : 28/08/2002

(Consent Order for operation of the plant under section 21 of Air(Prevention & Control of Pollution) Act 1981).

Consent is hereby granted under section 21 of the Air (Prevention & Control of Pollution ) Act ,1981 (hereinafter referred to as 'the Act' ) and the rules and orders made thereunder to

M/s My Home Cement Industries Ltd (Plant),  
Unit - I Mellacheruvu (V & M)  
Nalgonda Dist.,

( hereinafter referred to as ' the Applicant ' ) authorising to operate the industrial plant in the Air Pollution Control Areas as notified from the following Chimneys or outlets and the quantity of Emission discharged per hour on any day shall not exceed the figures as mentioned below.

Chimney No	Description of Chimney	Quantity of emissions in m3/hr. at peak flow
1	Attached to Kiln & Raw Mill	-
2	Attached to Coal Mill	-
3	Attached to Cement Mills - I & II	-
4	Attached to Clinker Cooler	-
5	Attached to Packing Plant - I & II	-
6	Attached to 2 x 1944 KVA + 125 KVA D.G. Sets	-

This is subject to the provisions of the Act and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A and B enclosed to this order.

This consent order is valid for manufacture the following products along with quantities only.

1	Portland Cement	1,550.00	TPD
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This consent shall be valid for a period ending with the 30<sup>th</sup> day of June 2003

For and on behalf of the  
A.P. Pollution Control Board

  
MEMBER SECRETARY

To  
My Home Cement Industries Ltd (Plant),  
Unit - I Mellacheruvu (V & M)  
Nalgonda Dist.,

Copy to the JCEE, Zonal Office RAMACHANDRAPURAM for information and necessary action.  
Copy to the Senior Environmental Engineer (CESS) for information and necessary action.  
Copy to the Environmental Engineer Regional Office, NALGONDA for information and necessary action

SCHEDULE - A

The applicant shall make an application for grant of renewal of consent atleast 30 days before the date of expiry of this consent.

- 2 The industry shall immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed quantity of emissions etc.
- 3 a). All the fugitive emissions shall be controlled with proper measures.  
b). The applicant shall also install the equipment such as wind speed recorder, wind direction recorder and rain fall measuring equipment.
- 4 The applicant shall at his own cost get the samples of emissions collected and analysed from the A.P.P.C.B. or any other Laboratories which are established as per the guidelines and norms of MoE & F,GOI and CPCB, New Delhi, every month for the parameters indicated in the condition No.5 and shall submit in duplicate the report thereof to the Board.
- 5 The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

Chimney No	Parameter	Emission standards (mg/Nm <sup>3</sup> )
1	SPM	115.00
2	SPM	115.00
3	SPM	115.00
4	SPM	115.00
5	SPM	115.00

Ambient air quality standards shall not exceed the following :-

SPM - 200 ug/m<sup>3</sup>, RSPM - 100 ug/m<sup>3</sup>, SO<sub>2</sub> - 80 ug/m<sup>3</sup>, NO<sub>x</sub> - 80 ug/m<sup>3</sup>

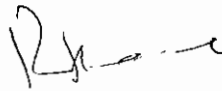
Noise Levels: Day time (6 AM to 9 PM) - 75 dB (A)  
Night time (9 PM to 6 AM) - 70 dB (A)

- 6 The applicant shall not change or alter either the prescribed quality or the rate of emission without the previous written permission of the Board.
- 7 The applicant shall set up three ambient air quality monitoring stations for continuous recording of relevant critical parameters.
- 8 The applicant shall either:  
Not later than 30 days from the date of issue of this consent order certify in writing to the Board that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities installed by the applicant to maintain compliance with the terms and conditions of the consent.  
OR  
Not later than 30 days from the date of this consent certify in writing to the Board that upon the reduction loss or failure of one or more primary sources of electric power to any facilities installed by the applicant to maintain compliance with the terms and conditions of this consent, the applicant shall halt, reduce or otherwise control production and/or all emissions in order to maintain compliance with the terms and conditions of this consent.
- 9 For the emission standards fixed under item 5, the applicant shall increase the stack height so as to ensure that the ground level concentrations notified by the Board are adhered to. In any case the minimum stack height should not be less than 30 meters and as per the ground level concentrations if it works out to be more than 30 meters the calculated stack height should be provided.
- 10 No control equipment or chimney shall be altered or replaced, erected or re-erected except with the previous approval of this Board.
- 11 A quarterly progress report shall be submitted to the Board stating therein the progress made in respect of execution of emission control works stated under this consent.
- 12 The applicant shall provide a sampling port with removable dummy of not less than 15 cm, diameter in the stack at a distance of 5 times the diameter of the stack from the nearest constraint such as bends etc., and they should provide a platform with suitable ladder below one meter of sampling port to accommodate three persons with instruments. The applicant shall also provide a 5amp, 250 V plug point on the platform and also provide adequate personnel, equipment etc., for collecting the samples.
- 13 The applicant shall also monitor the stack for the prescribed parameters and frequency as approved by the Board and shall maintain records of the emissions and the records shall be made available to the Board when called for.

- 14 Solid wastes that are likely to cause Air Pollution should be disposed off suitably as directed by the Board.
- 15 Wherein any Air Pollution Control area the emission of any Air Pollutant into the atmosphere in excess of standards laid down by the Board occurs or is apprehended to occur due to accident or other unforeseen event, the person-in-charge of the premises from where such emission occurs or is apprehended to occur shall forthwith intimate the fact of such occurrence or the apprehension of such occurrence to this Board telegraphically under intimation to the Collector and District magistrate.
- 16 In case of such episodal discharges/emissions mentioned in item 14 above, the industry should take immediate action to bring down the emission below the limits prescribed in the condition No. 5
- 17 A good house keeping shall be maintained both within the factory and in the premises. All hoods, pipes, valves, shall be leak proof.
- 18 The applicant shall comply with the directives/orders issued by the Board in this consent order and at all subsequent times without any negligence on his part. The applicant shall be liable for such legal action against him as per provisions of the Law/Act in case of non-compliance of any order/directive issued at any time and/or violation of the terms and conditions of this consent order.
- 19 The following records shall be maintained and made available to the Board officers during inspection.
  - i) Inspection book.
  - ii) Stack emission records.
  - iii) Ambient Air Quality records.
- 20 Green belt shall be maintained around the plant by planting a variety of trees in an area at least 4 times the built up area.
- 21 The applicant shall provide appropriate Rain Water Harvesting Systems on the available upstream portion of the plant site.
- 22 The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No. 14 of E(P) Act, 1986 Rules.
- 23 a) The existing control equipment if any shall be altered or replaced in accordance with the directions of the board within the prescribed time for compliance in this order.  
b) For improving the efficiency of the emission levels set by the Board suitable control equipments should be installed.
- 24 At any time during the inspection of Pollution Control Board Officers or any other licencing/servicing authorities/if it is observed that the industry is not complying with any of the above conditions leading to pollution problems, this consent is liable for cancellation without further notice and all the services rendered by the servicing departments shall be withdrawn without further notice.
- 25 The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as Civil liability.
- 26 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of management, handling, transportation and storage of hazardous chemicals and wastes shall be followed.
- 27 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of microorganism, genetically engineered organisms or cells shall be followed.
- 28 All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 shall be followed.
- 29 The industry shall provide a minimum stack height (H) to the DG Sets as per the following formula.
 
$$H = h + 0.2 \text{ SQRT}(KVA)$$

$$KVA = \text{Total generation capacity, } h = \text{Height of building where D.G.Set is installed.}$$
- 30 The applicant shall exhibit the consent order of the Board in the factory premises at a prominent place for the information of the inspecting officers of the different departments.
- 31 The applicant shall put up two black boards of size 6 by 4 ft. at the main entrance to their plant. One board shall contain with the specific CFE and CFO conditions, specific to the plant and other board shall carry the latest water, air, noise and solid waste monitoring data as well as the maximum vulnerable zone, if the unit is storing/handling hazardous chemicals.

32 Separate power connection with energy meter shall be provided for the Pollution Control Equipments and record of power consumption and chemicals consumption for the operation of pollution control equipment shall be maintained separately.

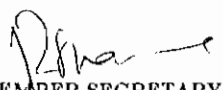
  
MEMBER SECRETARY

  
28/8

SCHEDULE - B

Special Conditions

- 1 Industry shall complete the clinker stock file by September, 2002 and STP by October, 2002.
- 2 Industry shall maintain Bio indicators along the boundary of the plant.

  
MEMBER SECRETARY

  
28/8



10/09/02  
1296  
ANDHRA PRADESH POLLUTION CONTROL BOARD  
2nd Floor, HUDA Complex, Maltrivanam  
S.R. Nagar, HYDERABAD

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Grams: Kalushya Nivarana  
Website: www.apspcb.org  
e-mail: info@apspcb.org  
e-mail: chatty@hd2.dot.net.in

## CONSENT ORDER

BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Consent Order No : APPCB/PTN/78/HO/W/2002/93 932

Date : 18/07/2002

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Act).

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 (hereinafter referred to as 'the Act') and the rules and orders made thereunder to

M/s. My Home Cement Industries Ltd., (Unit - II)

(Expansion Plant),

Mellacheruvu Village and Mandal,

Nalgonda Dist.,

(hereinafter referred to as 'the Applicant') authorising to operate the industrial plant to discharge the effluents from the following outlets as detailed below.

Outlet No	Outlet Description	Max Daily Discharge (lits / day)	Point Of Disposal
1	Domestic Effluents after Treatment	48000.00	Septic Tank Followed By Soak Pit.


This is subject to the provisions of the Act and Rules and orders made there under and further subject to the terms and conditions incorporated in the Schedule A and Schedule B enclosed to this order.

This consent order is valid to manufacture the following products along with quantities only.

1	OP Cement	1,460.00	TPD
2	Portland Pozzolona Cement	620.00	TPD

This consent shall be valid for a period ending with the 31<sup>st</sup> day of ~~December~~ <sup>January, 2003</sup> 2002

For and on behalf of the  
A.P. Pollution Control Board

  
MEMBER SECRETARY

✓  
To  
M/s My Home Cement Industries Ltd., (Unit - II)  
(Expansion Plant),  
Mellacheruvu Village and Mandal,  
Nalgonda Dist.,

Copy to the J.C.E.E. Zonal Office RAMACHANDRAPURAM for information and necessary action.  
Copy to the Senior Environmental Engineer (Cess) for information and necessary action.  
Copy to the Environmental Engineer Regional Office NALGONDA for information and necessary action.

## SCHEDULE - A

- 1 The applicant shall make an application for grant of renewal of consent atleast 30 days before the date of expiry of this consent.
- 2 Necessary fee as prescribed for obtaining consent shall be paid by the applicant alongwith the consent application.
- 3 The quaty of effluent discharged shall not exceed the figures mentioned in the order
- 4 The industry shall immediately submit the revised application for consent to this Board in the event of any change in the trade effluent, raw material used and processes employed.
- 5 The applicant shall not change or alter either the quality or the quantity or the rate of the discharge or temperature or the route of discharge without the previous written permission of the Board.
- 6 The effluent discharged shall not contain constituents in excess of the tolerance limits mentioned below.

Outlet No	Parameter	Limiting Standards	
1	pH	5.50 - 9.00	
	Total Suspended Solids (TSS at 103 - 105 oC)	200.00	mg/l
	Oil And Grease	10.00	mg/l
	Biochemical Oxygen Demand (BOD 3 at 27 oC)	100.00	mg/l

- 7 The applicant shall develop the green belt around the plant by planting variety of trees in an area atleast 4 times the builtup area.
- 8 The applicant shall provide appropriate Rain Water Harvesting systems on the available w/s portion of the plant site.
- 9 Industry shall submit Environmental Statement in Form V before 30 th September every year as per Rule no: 14 of E(P) Act 1986 Rules.
- 10 The applicant shall display suitable caution board at the place where the effluent is entering any water body or any other place, to be indicated by the Board, indicating therein that the water body into which the effluents are being discharged is not fit for domestic usage/bathing.
- 11 The applicant shall

Not later than 30 days from the date of issue of this consent order, certify in writing to the Board that the applicant has installed or provided for an alternate electric power source sufficient to operate all facilities installed by the applicant to maintain compliance with the terms and conditions of the Consent. OR

Not later than 30 days from the date of this consent certify in writing to the Board that upon the reduction, loss or failure of one or more of the primary sources of electric power to any facilities installed by the applicant to maintain compliance with the terms and conditions of this consent, the applicant shall halt, reduce or otherwise control production and/or all discharges in order to maintain compliance with the terms and conditions of this consent.

- 12 The applicant shall at his own cost get the effluent samples collected both before and after treatment and analysed from APPCB or any other Laboratories which are established as per the guidelines of CPCB/M.OE&F, GOI. every month for the parameters indicated in condition No.6 and shall submit in duplicate the report thereof to the Board.
- 13 The applicant shall take immediate action to install mechanical composite sampling equipment and continuous flow measuring/recording devices on the effluent drains of trade as well as domestic effluent discharge and records shall be maintained.

- 14 The applicant shall not allow the discharge from other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the trade and/or domestic effluent.
- 15 The following information shall be forwarded to the Member Secretary regularly every month.
  - a). Monthly statement of daily discharge of domestic as well as trade effluents.
  - b). Analysis reports of domestic as well as trade effluents.
- 16 The industry shall provide
  - a) Meters at the entrance of the water supply connection which are easily accessible for inspection and maintenance and for other purpose of the Act, provided that the place where it is fixed shall in no case be at a point before which water has been tapped by the consumer for utilisation for any purpose whatsoever.
  - b) Separate meters with necessary pipe-line for assessing the quality of water used for each of the three purposes mentioned below
    1. Industrial cooling or boiler feed.
    2. Domestic purposes.
    3. Processing whereby water gets polluted and pollutants are easily bio-degradable.
    4. Processing whereby water gets polluted and pollutants are not easily bio-degradable and are toxic.
  - c. The industry shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month.
- 17 All Solid wastes arising in the premises shall be properly classified and disposed off to the satisfaction of the Board by:
  - i) Controlled incineration, wherever possible in case of combustible organic material.
  - ii) Vermiculture / Composting in case of bio-degradable material.
  - iii) Secure land fill in case of non bio-degradable, chemically active/hazardous solid waste. Care shall be taken to ensure that the material doesnot give leachate which may percolate into ground water or carried away with storm run -off.
- 18 Any toxic material shall be detoxicated and disposed as per the conditions stipulated in the authorisation obtained under Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments thereof.
- 19 Any up-set condition in any of the plant/plants of the factory which is likely to result in increased effluent discharge and/or result violation of the standards mentioned above shall be reported to this Board telegraphically under intimation to the Collector and District Megistrate.
- 20 The applicant shall maintain good house keeping both within the factory and in the premises. All pipes, valves, sewers and drains shall be leak-proof. Floor washings shall be admitted into the effluent collection system only and shall not be allowed to find their way into storm drains or open areas.
- 21 The applicant shall comply with and carry out any other directives/orders issued by the Board subsequently without any negligence on his part. The applicant shall be liable for such legal action as per provisions of the Law Act in case of non-compliance of any order/directives issued at any time and/or violation of the terms and conditions of this consent order.
- 22 An inspection book shall be opened and made available to the Board's Officers during their visit to the factory.
- 23 The applicant shall furnish to the visiting officer and/or the Board any information regarding the construction, installation or operation of the establishment or of effluent treatment system and such other particulars as may be pertinent for preventing and controlling pollution of water.
- 24 Separate power connection with energy meter shall be provided for the Effluent treatment systems and records of power consumption and chemical consumption for the operation of Effluent treatment systems shall be maintained separately.

- 25 Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves to it the right and power under Section 27(2) of the Water (Prevention & Control of Pollution) Act, 1974 to review any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Act by the Board.
- 26 At any time during the inspection of Pollution Control Board Officers or any other licencing/servicing authorities if it is observed that the industry is not complying with any of the above conditions leading to pollution problems, this consent is liable for cancellation without further notice and all the services rendered by the servicing departments shall be withdrawn without further notice.
- 27 The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as Civil liability.
- 28 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of management, handling, transportation and storage of hazardous chemicals and waste shall be followed.
- 29 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of microorganisms, genetically engineered organisms or cells shall be followed.
- 30 All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 shall be followed.
- 31 The applicant shall exhibit the consent order of the board in the factory premises at a prominent place for the information of the inspection officers of the different departments.
- 32 The applicant shall put up two black boards of size 6 by 4 ft. at the main entrance to their plant. One board shall contain with the specific CFE and CFO conditions, specific to the plant and other board shall carry the latest water, air, noise and solid waste monitoring data as well as the maximum vulnerable zone, if the unit is storing/handling hazardous chemicals.


  
MEMBER SECRETARY

1/17

#### SCHEDULE - B

##### Special Conditions

- 1 Industry shall complete the laying of internal Cement Roads by the end of December, 2002.
- 2 Industry shall construct and commission the Sewage Treatment Plant by 31st August, 2002.

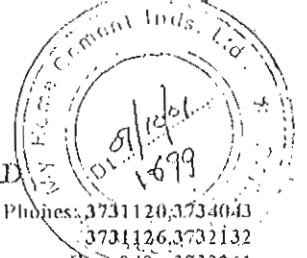
  
MEMBER SECRETARY

1/17



ANDHRA PRADESH POLLUTION CONTROL BOARD  
2nd Floor,HUDA Complex , Maitrivanam  
S.R. Nagar, HYDERABAD

Phones: 3731120,3734043  
3731126,3732132  
Fax: 040-3738261  
Grams: Kalushya Nivarana  
Website : www.apspcb.org  
e-mail : info@apspcb.org  
e-mail : chatty@hd2.doi.net.in



## CONSENT ORDER

BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Consent Order No : APPCB/PTN/NGL/163/HO/W/2001/6-1333 -  
Date : 29/09/2001

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Act).

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution ) Act, 1974 (hereinafter referred to as 'the Act') and the rules and orders made thereunder to

**M/s. My Home Cement Ltd (Plant),**  
Srinagar, Mellacheruvu (V & M)  
Nalgonda Dist.,

( hereinafter referred to as 'the Applicant' ) authorising to operate the industrial plant to discharge the effluents from the following outlets as detailed below.

Outlet no.	Outlet Description	Max Daily Discharge(lits / day)	Point Of Disposal
1	Domestic Effluents after Treatment	160000.00	ONLAND FOR IRRIGATION


This is subject to the provisions of the Act and Rules and orders made there under and further subject to the terms and conditions incorporated in the Schedule A and Schedule B enclosed to this order.

The consent order is valid to manufacture the following products along with quantities only.

1	Portland Cement	1,550.00	TPD
---	-----------------	----------	-----

This consent shall be valid for a period ending with the 30 Day of June, 2002

For and on behalf of the  
A.P. Pollution Control Board

  
MEMBER SECRETARY

To  
M/s My Home Cement Ltd (Plant),  
Srinagar, Mellacheruvu (V & M)  
Nalgonda Dist.,

Copy to the I.C.E.E, Zonal Office RAMACHANDRAPURAM ZONE for information and necessary action.  
Copy to the Senior Environmental Engineer (Cess) for information and necessary action.  
Copy to the Environmental Engineer Regional Office NALGONDA for information and necessary action

**SCHEDULE - A**

- 1 The applicant shall make an application for grant of fresh consent atleast 30 days before the date of expiry of this consent.
- 2 Necessary fee, as prescribed for obtaining consent, shall be paid for by the applicant alongwith the consent application.
- 3 The quantity of the effluent discharged shall not exceed the figures mentioned in the order
- 4 The industry would immediately submit the revised application for consent to this Board in the event of any change in the trade effluent, raw material used and processes employed.
- 5 The applicant shall not change or alter either the quality or the quantity or the rate of the discharge or temperature or the route of discharge without the previous written permission of the Board.
- 6 The effluent discharged shall not contain constituents in excess of the tolerance limits as laid down hereunder:

Outlet No	Parameter	Limiting Standards	
1	pH	5.50 - 9.00	
	Total Suspended Solids (TSS at 103 - 105 oC)	200.00	mg/l
	Oil And Grease	10.00	mg/l
	Biochemical Oxygen Demand (BOD 3 at 27 oC)	100.00	mg/l

- 7 The applicant shall take immediate action to install or modify the treatment plant for treating the effluents to the satisfaction of the Board within the following time limits:  
  
By so as to conform to tolerance limits as per item 6 above.
- 8 The applicant shall develop the green belt around the plant by planting variety of trees in an area atleast 4 times the builtup area.
- 9 The applicant shall provide appropriate Rain Water Harvesting systems on the available u/s portion of the plant site.
- 10 Industry shall submit Environmental Statement in Form V before 30 th September every year as per Rule no: 14 of E(P) Act 1986 Rules.
- 11 The applicant shall display suitable caution board at the place where the effluent is entering any water body or any other place, to be indicated by the Board, indicating therein that the water body into which the effluents are being discharged is not fit for domestic usage/bathing.
- 12 The applicant shall

Not later than 30 days from the date of issue of this consent order, certify in writing to the Member Secretary that the applicant has installed or provided for an alternate electric power source sufficient to operate all facilities installed by the applicant to maintain compliance with the terms and conditions of the Consent.

OR

Not later than 30 days from the date of this consent certify in writing to the Member Secretary that upon the reduction, loss or failure of one or more of the primary sources of electric power to any facilities installed by the applicant to maintain compliance with the terms and conditions of this consent, the applicant shall halt, reduce or otherwise control production and/or all discharges in order to maintain compliance with the terms and conditions of this consent.

- 13 The applicant shall at his own cost get the effluent samples collected both before and after treatment and analysed in an established Laboratory as per the guidelines of CPCB/M.OE&F Dept., GOI. every month for the parameters indicated in condition No.6 and shall submit in duplicate the report thereof to the Board.
- 14 The applicant shall take immediate action to install mechanical composite sampling equipment and continuous flow measuring/recording devices on the effluent drains of trade as well as domestic effluent discharge shall be maintained.

- 15 The applicant shall not allow the discharge from other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix the trade and/or domestic effluent on the upstream of the terminal man holes where the flow measuring devices will be installed.
- 16 The following information shall be forwarded to the Member Secretary regularly every month.
  - a. Progress on the work of treatment plant.
  - b. Progress on the installation of mechanical composite sampling equipment and continuous flow recording/measuring devices.
  - c. Monthly statement of daily discharge of domestic as well as trade effluents.
  - d. Analysis reports of domestic as well as trade effluents.
- 17
  - a. Meters at the entrance of the water supply connection abstraction so that such meters are easily accessible for inspection and maintenance and for other purpose of the Act, provided that the place where it is affixed shall in no case be at a point before which water has been tapped by the consumer for utilisation for any purpose whatsoever.
  - b. Separate meters with necessary pipe-line for assessing the quality of water used for each of the three purposes mentioned below.
    1. Industrial cooling, spraying in mine pits or boiler feed.
    2. Domestic purposes.
    3. Processing whereby water gets polluted and pollutants are easily bio-degradable and are toxic.
    4. Processing whereby water gets polluted and pollutants are not easily bio-degradable and are toxic.
  - c. The industry shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month.
- 18 All Solid wastes arising in the premises shall be properly classified and disposed off to the satisfaction of the Board by:
  - i) Controlled incineration, wherever possible in case of combustible organic material.
  - ii) Vermiculture, Composting in case of bio-degradable material.
  - iii) Secure land fill in case non bio-degradable, chemically active/hazardous solid waste. Care shall be taken to ensure that the material doesnot give lechate which may procolate into ground water or carried away with storm run -off.
- 19 Any toxic material shall be detoxiated if possible otherwise shall be sealed in steel drums and buried in protected areas after obtaining approval of this Board in writing. The permission of detoxication or sealing and burying shall be carried out in the presence of Board's authorised person only.
- 20 Any up-set condition in any of the plant/plants of the factory which is likely to result in increased effluent discharge and/or result violation of the standards mentioned above shall be reported to this Board telegraphically under intimation to the Collector and District Megistrate.
- 21 The applicant shall maintain good house keeping both within the factory premises. All pipes, valves sewers and drains shall be leak-proof. Floor washings shall be admitted into the effluent collection system only and shall not be allowed to find their way into storm drains or open areas.
- 22 The applicant shall comply with and carry out directives/orders issued by the Board in this consent order and at all subsequent times without any negligence on his part. The applicant shall be liable for such legal action as per provisions of the Law/Act in case of non-compliance of any order/directives issued at any time and/or violation of the terms and conditions of this consent order.
- 23 An inspection book shall be opened and made available to the Board's Officers during their visit to the factory.
- 24 The applicant shall furnish to the visiting officer and/or the Board any information regarding the construction, installation or operation of the establislment or of effluent treatment system and such other particulars as may be pertinent to preventing and controlling pollution of water.
- 25 Not withstanding anything contained in this conditional letter or consent, the Board hereby reserves to it the right and power under Section 27(2) of the Water (Prevention & Control of Pollution) Act, 1974 to review any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Act by the Board.
- 26 At any time during the inspection of Pollution Control Board Officers or any other licencing/servicing authorities/if it is observed that the industry is not complying with any of the above conditions leading to pollution problems, this consent is liable for cancellation without further notice and all the services rendered by the servicing departments shall be withdrawn without further notice.
- 27 Separate power connection with energy meter shall be provided for the Effluent treatment systems and Separate power connection with energy meter shall be provided for the Pollution Control Equipments and record of power consumption and chemicals consumption for the operation of pollution control equipment shall be maintained separately.

- 28 The industry is liable to pay compensation for any environment damage caused by it, as fixed by The Collector and District Magistrate as Civil liability.
- 29 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of management, handling, transportation and storage of hazardous chemicals and waste shall be followed.
- 30 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of microorganisms, genetically engineered organisms or cells shall be followed.
- 31 All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 shall be followed.
- 32 The applicant shall exhibit the consent order of the board in the factory premises at a prominent place for the information of the inspection officers of the different departments.
- 33 The applicant shall put up two black boards of size 6 by 4 ft. at the main entrance to their plant. One board shall contain with the specific CFE and CFO conditions, specific to the plant and other board shall carry the latest water, air, noise and solid waste monitoring data as well as the maximum vulnerable zone, if the unit is storing/handling hazardous chemicals.


  
MEMBER SECRETARY

28/18

#### SCHEDULE - B

##### Special Conditions

- 1 Industry shall construct and commission the sewage treatment plant for domestic waste.
- 2 The industry shall carryout an epidemiological study with a special emphasis on lung function test in the population in a 10 km radius from the plant.
- 3 The industry shall identify wastelands in 5 km radius around the plant and prepare a feasibility report to develop social forestry on them.
- 4 The industry shall provide Bio-indicators for pollution sensitive plant species at half a km distance in all directions from the plant.
- 5 The industry shall select ambient air quality stations based on air modelling and receptors particularly keeping in view of Human populations.

  
MEMBER SECRETARY

28/18



## ANDHRA PRADESH POLLUTION CONTROL BOARD

2nd Floor, HUDA Complex, Maitrivanam  
S.R. Nagar, HYDERABAD

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Grams: Kalushya Nivarana  
Website : www.apspcb.org  
e-mail : info@apspcb.org  
e-mail : chatty@hd2.dot.net.in

### CONSENT ORDER

BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Consent Order No : APPCB/PTN/NGL/163/HO/2001/A/6-1333 -  
Date : 29/09/2001

( Consent Order for operation of the plant under section 21 of Air (Prevention & Control of Pollution ) Act 1981 ).

Consent is hereby granted under section 21 of the Air (Prevention & Control of Pollution ) Act ,1981 (hereinafter referred to as 'the Act' ) and the rules and orders made thereunder to

M/s My Home Cement Ltd (Plant),  
Srinagar, Mellacheruvu (V & M)  
Nalgonda Dist.,

( hereinafter referred to as ' the Applicant ' ) authorising to operate the industrial plant in the Air Pollution Control Areas as notified from the following Chimneys or outlets and the quantity of Emission discharged per hour on any day shall not exceed the figures as mentioned below.

Chimney No	Description of Chimney	Quantity of emissions in m <sup>3</sup> /hr. at peak flow
1	Attached to Kiln and Raw Mill	-
2	Attached to Coal Mill	-
3	Attached to Cement Mill	-
4	Attached to Clinker Cooler	-
5	Attached to Packing Plant I & II	-
6	Attached to 2 x 2000 KVA D.C. Sets	-

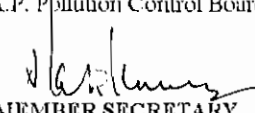
This is subject to the provisions of the Act and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A and B enclosed to this order.

The consent is valid for manufacture the following products along with quantities only.

1	Portland Cement	1,550.00 TPD
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This consent shall be valid for a period ending with 30 day of June 2002

For and on behalf of the  
A.P. Pollution Control Board

  
MEMBER SECRETARY

To  
My Home Cement Ltd (Plant),  
Srinagar, Mellacheruvu (V & M)  
Nalgonda Dist.,

Copy to the JCEE, Zonal Office RAMACHANDRAPURAM ZONE for information and necessary action.  
Copy to the Senior Environmental Engineer (CESS) for information and necessary action.  
Copy to the Environmental Engineer Regional Office, NALGONDA for information and necessary action

**SCHEDULE - A**

- 1 The applicant shall make an application for grant of Renewal of consent atleast 30 days before the date of expiry of this consent.
- 2 The industry would immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, Air Pollution Control equipment, quantity of emissions etc.
- 3
  - a. The applicant shall take immediate action to install or to modify the equipment for the control of emission quality to the satisfaction of the Board within.....so as to conform to the prescribed limits as per the item No.5 below for different chimneys.
  - b. All the fugitive emissions shall be controlled with proper measures approved by the Board.
  - c. The applicant shall also install the equipment such as wind speed recorder, wind direction recorder and rain fall measuring equipment.
- 4 The applicant shall at his own cost get the samples of emissions collected and analysed from the A.P.P.C.B. and other Laboratories which are established as per the guidelines and norms of MoE & F,GOI and CPCB for the parameters indicated in the condition No.5 and shall submit in duplicate the report thereof to the Board.
- 5 The emissions shall not contain constituents in excess of the prescribed limits as laid down hereunder.

Chimney No	Parameter	Emission standards (mg/Nm <sup>3</sup> )
1	SPM	115.00
2	SPM	115.00
3	SPM	115.00
4	SPM	115.00
5	SPM	115.00

Ambient air quality standards shall not exceed the following :-

~~SPM - 500 ug/m<sup>3</sup>, RSPM - 150 ug/m<sup>3</sup>, SO<sub>2</sub> - 120 ug/m<sup>3</sup>, NO<sub>x</sub> - 120 ug/m<sup>3</sup>~~  
 SPM - 200 ug/m<sup>3</sup>, RSPM - 100 ug/m<sup>3</sup>, SO<sub>2</sub> - 80 ug/m<sup>3</sup>, NO<sub>x</sub> - 80 ug/m<sup>3</sup>

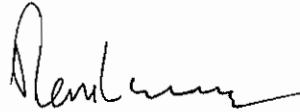
Noise Levels: Day time (6 AM to 9 PM) - 75 dB (A)  
 Night time (9 PM to 6 AM) - 70 dB (A)

- 6 The Industry shall submit Environmental statement in Form V before 30 th September every year as per Rule no : 14 of E (P) Rules 1986.
- 7 The applicant shall not change or alter either the prescribed quality or the rate of emission without the previous written permission of the Board.
- 8 The applicant shall set up three ambient air quality monitoring stations for continuous recording of relevant critical parameters.
- 9 The applicant shall either:
  - a. Not later than 30 days from the date of issue of this consent order certify in writing to the Member Secretary that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities installed by the applicant to maintain compliance with the terms and conditions of the consent.
  - b. Not later than 30 days from the date of this consent certify in writing to the Member Secretary that upon the reduction loss or failure of one or more primary sources of electric power to any facilities installed by the applicant to maintain compliance with the terms and conditions of this consent, the applicant shall halt, reduce or otherwise control production and/or all emissions in order to maintain compliance with the terms and conditions of this consent.
- 10 For the emission standards fixed under item 5, the applicant shall increase the stack height so as to ensure that the ground level concentrations notified by the Board are adhered to. In any case the minimum stack height should not be less than 30 meters and as per the ground level concentrations if it works out to be more than 30 meters the calculated stack height should be provided.
- 11 No control equipment or chimney shall be altered or replaced, erected or re-erected except with the previous approval of this Board.
- 12 A quarterly progress report shall be submitted to the Board stating therein the progress made in respect of execution of emission control works stated under this consent.
- 13 The applicant shall provide a sampling port with removable dummy of not less than 15 cm. diameter in the stack at a distance of 5 times the diameter of the stack from the nearest constraint such as bends etc., and they should provide a platform with suitable ladder below one meter of sampling port to accommodate three persons with instruments. The applicant shall also provide a Samp. 250 V plug point on the platform and also provide adequate personnel, equipment etc., for collecting the samples.

- 14 The applicant shall also monitor the stack for the prescribed parameters and frequency as approved by the Board and shall maintain records of the emissions and the records shall be made available to the Board when called for.
- 15 Solid wastes that are likely to cause Air Pollution should be disposed off suitably as directed by the Board.
- 16 Wherein any Air Pollution Control area the emission of any Air Pollutant into the atmosphere in excess of the standards laid down by the Board occurs or is apprehended to occur due to accident or other unforeseen act or event, the person-in-charge of the premises from where such emission occurs or is apprehended to occur shall forthwith intimate the fact of such occurrence or the apprehension of such occurrence to this Board, telegraphically under intimation to the Collector and District magistrate.
- 17 In case of such episodal discharges/emissions mentioned in item 16 above, the industry should take emergent action to bring down the emission below the limits prescribed in the condition No. 5
- 18 A good house keeping shall be maintained both within the factory and in the premises. All hoods, pipes, valves, shall be leak proof.
- 19 The applicant shall comply with the directives/orders issued by the Board in this consent order and at all subsequent times without any negligence on his part. The applicant shall be liable for such legal action against him as per provisions of the Law/Act in case if non-compliance of any order/directive issued at any time and/or violation of the terms and conditions of this consent order.
- 20 The following records shall be maintained and made available to the Board officers during inspection.
  - i) Inspection book.
  - ii) Stack emission records.
  - iii) Ambient Air Quality records.
- 21 Green belt shall be maintained around the plant by plating a variety of trees in an area at least 4 times the built up area.
- 22 The applicant shall provide appropriate Rain Water Harvesting Systems on the available upstream portion of the plant site.
- 23 The applicant shall submit Environment statement in Form V before 30 th september every year as per rule no 14 of E(P) Act , 1986 Rules.
- 24 a) The existing control equipment if any shall be altered or replaced in accordance with the directions of the board within the prescribed time for compliance in this order.  
b) For improving the efficiency of the emission levels set by the Board suitable control equipments should be installed.
- 25 The standards in respect of noise pollution notified by Ministry of Environment & Forests, Government of India shall be followed.
- 26 At any time during the inspection of Pollution Control Board Officers or any other licencing/servicing authorities/if it is observed that the industry is not complying with any of the above conditions leading to pollution problems, this consent is liable for cancellation without further notice and all the services rendered by the servicing departments shall be withdrawn without further notice.
- 27 Separate power connection with energy meter shall be provided for the Pollution Control Equipments and record of power consumption and chemicals consumption for the operation of pollution control equipment shall be maintained separately.
- 28 The industry is liable to pay compensation for any environmental damage caused by it, as fixed by The Collector and District Magistrate as Civil liability.
- 29 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of management, handling, transportation and storage of hazardous chemicals and wastes shall be followed.
- 30 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of microorganism, genetically engineered organisms or cells shall be followed.
- 31 All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 shall be followed.
- 32 The industry shall provided a minimum stack height (H) to the DG Sets as per the following formula.
 
$$H = h + 0.2 \text{ SQRT}(KVA)$$

$$KVA = \text{Total generation capacity, } h = \text{Height of building where D.G.Set is installed.}$$

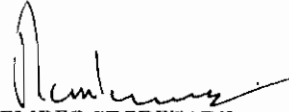
- 33 The applicant shall exhibit the consent order of the Board in the factory premises at a prominent place for the information of the inspecting officers of the different departments.
- 34 The applicant shall put up two black boards of size 6 by 4 ft. at the main entrance to their plant. One board shall contain with the specific CFE and CFO conditions, specific to the plant and other board shall carry the latest water, air, noise and solid waste monitoring data as well as the maximum vulnerable zone, if the unit is storing/handling hazardous chemicals.

  
MEMBER SECRETARY  
2/18

#### SCHEDULE - B

##### Special Conditions

- 1 Industry shall construct and commission the sewage treatment plant for domestic waste.
- 2 The industry shall carryout an epidemiological study with a special emphasis on lung function test in the population in a 10 km radius from the plant.
- 3 The industry shall identify wastelands in 5 km radius around the plant and prepare a feasibility report to develop social forestry on them.
- 4 The industry shall provide Bio-indicators for pollution sensitive plant species at half a km distance in all directions from the plant.
- 5 The industry shall select ambient air quality stations based on air modelling and receptors particularly keeping in view of Human populations.

  
MEMBER SECRETARY  
2/18



# ANDHRA PRADESH POLLUTION CONTROL BOARD CONSENT ORDER

BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

No. C 28154/PCB/W/2000-1148

Dt. August' 2000

(Consent order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Act).

CONSENT is hereby granted under section 25/26 of the Water (Prevention and Control of Pollution) Act, 1974, (hereinafter referred to as "the Act") and the rules and orders made there under to M/s.

MY HOME CEMENT INDUSTRIES LTD.,  
SRINAGAR,  
MELLACHERUVU (V & M)  
NALGONDA DIST

\* DISCHARGE EFFLUENTS AS DETAILED BELOW  
(hereinafter referred to as "the Applicant") authorising to operate the industrial plant to discharge the effluents from the following outlets as mentioned below.

Outlet No.	Description of outlet	Point of disposal
1	DOMESTIC EFFLUENTS AFTER TREATMENT	ONLAND FOR PLANTATION

This is subject to the provisions of the Act and the rules and orders made there-under and further subject to the terms and conditions incorporated in the Schedule

This CONSENT shall be valid for a period ending with the

30 day of June, 2001

for and on behalf of the  
A.P. Pollution Control Board.

*[Signature]*  
MEMBER SECRETARY

To MY HOME CEMENT INDUSTRIES LTD.,  
SRINAGAR,  
MELLACHERUVU VILLAGE AND MANDAL  
NALGONDA DIST

Copy to Environmental Engineer  
Regional Office NALGONDA for information and necessary action.  
Copy to the Senior Environmental Engineer (cess cell) for information and necessary action.  
Copy to the Senior Environmental Scientist, (Board Laboratory) for information and necessary action.

## SCHEDULE

TERMS AND CONDITIONS :

- The applicant shall make an application for grant of fresh consent at least 30 days before the date of expiry of this consent.
- The quantity of the effluent discharged shall not exceed the figures mentioned below :

Outlet No.	Maximum daily discharge lits/day
1	160000.00

- The applicant shall submit flow sheet and particulars of proposed treatment and disposal system and a time schedule for completing the treatment plant for treating the trade effluent as well as domestic sewage from the factory and colony so as to reach the Board by
- Necessary fee, as prescribed for obtaining consent, shall be paid for by the applicant alongwith the consent application.
- The Industry would immediately submit the revised application for consent to this Board in the event of any change in the trade effluent raw material used and processes employed.
- The applicant shall not change or alter either the quality or the quantity or the rate of the discharge or temperature or the route of discharge without the previous written permission of the Board.
- The effluent discharged shall not contain constituents in excess of the tolerance limits as laid down hereunder :

Sl. No.	Parameter	Limiting standards
	pH	5.5 - 9.0
	Suspended solids	200.00 mg/lit.
	BOD	100.00 mg/lit.
	Oil & Grease	10.00 mg/lit.

INDUSTRY SHALL PROVIDE APPROPRIATE RAIN WATER HARVESTING SYSTEMS IN THE UPSTREAM PORTION OF THE PLANT SITE.

- The applicant shall take immediate action to install or modify the treatment plant for treating the effluents to the satisfaction of the Board within the following time limits :  
a) By so as to conform to tolerance limits as per item 7 above.



# ANDHRA PRADESH POLLUTION CONTROL BOARD

## CONSENT ORDER BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Consent No. **28154/PCB/A/2000-1148**

(Consent Order for operation of the plant under section 21 of Air (Prevention & Control of Pollution) Act, 1981).

Consent is hereby granted under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 (hereinafter referred to as "the Act") and the rules and orders made thereunder to M/s.

**MY HOME CEMENT INDUSTRIES LTD.,  
SRINAGAR, MELLACHERUVU VILLAGE AND MANDAL  
NALGONDA DIST**

(hereinafter referred to as "the Applicant") authorising to operate the industrial plant in the Air Pollution Control Areas as notified from the following Chimneys or outlets and the quantity of Emission discharged per minute on any day shall not exceed the figures as mentioned below.

Chimney No.	Description of Chimney	Quantity of emissions in m <sup>3</sup> /hr. at peak flow
1	ATTACHED TO KILN/VRM	-----
2	ATTACHED TO COAL MILL	-----
3	ATTACHED TO CLINKER COOLER	-----
4	ATTACHED TO PACKING PLANT-I & PLANT-II	-----
5	ATTACHED TO 2X2000 KVA D.G.SETS	-----
6	ATTACHED TO CEMENT MILLS	-----

This is subject to the provisions of the Act and Rules and orders made thereunder and further subject to the terms and conditions incorporated in the schedule.

This consent shall be valid for a period ending with the 30 Day of June, 2001

for and on behalf of the  
**A.P. Pollution Control Board.**

To  
**MY HOME CEMENT INDUSTRIES LTD.,  
SRINAGAR  
MELLACHERUVU VILLAGE AND MANDAL  
NALGONDA DIST**

*[Signature]*  
**MEMBER SECRETARY**

**NALGONDA**

copy to the Environmental Engineer, Regional Office,  
for information and necessary action,

Copy to the Senior Environmental Scientist (Board Laboratory) for information and necessary action.

### SCHEDULE

#### TERMS AND CONDITIONS :

Dt. **August, 2000**

- The applicant shall make an application for grant of Renewal of consent atleast 30 days before the date of expiry of this consent.
- The industry would immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, Air Pollution Control equipment, quantity of emissions etc.
- The applicant shall take immediate action to install or to modify the equipment for the control of emission quality to the satisfaction of the Board within ..... so as to conform to the prescribed limits as per the item No.5 below for different chimneys.
  - All the fugitive emissions shall be controlled with proper measures approved by the Board.
  - The applicant shall also install the equipment such as wind speed recorder, wind direction recorder and rain fall measuring equipment.
- The applicant shall at his own cost get the samples of emissions collected and analysed from the A.P.P.C.B. and other Laboratories which are established as per the guidelines and norms of MOE & F and CPCB for the parameters indicated in the condition **EVERY MONTH** NO.5 and shall submit in duplicate the report thereof to the Board.
- The emissions shall not contain constituents in excess of the prescribed limits as laid down hereunder.

Chimney No.	Parameter	Emission standards mg/Nm <sup>3</sup>
1	SUSPENDED PARTICULATE MATTER	115
2	SUSPENDED PARTICULATE MATTER	115
3	SUSPENDED PARTICULATE MATTER	115
4	SUSPENDED PARTICULATE MATTER	115
5		
6	SUSPENDED PARTICULATE MATTER	115

INDUSTRY SHALL MANUFACTURE THE PRODUCTS AS MENTIONED IN THE ANNEXURE-I ONLY.

INDUSTRY SHALL SUBMIT ENVIRONMENTAL STATEMENT IN FORM-V BY THE END OF SEPTEMBER EVERY YEAR.

INDUSTRY SHALL MEET THE NATIONAL AAQS AS NOTIFIED BY CPCB VIDE NOTIFICATION NOLSO 384(E) DT.11.04.1994.

INDUSTRY SHALL MEET THE AAQS IN RESPECT OF NOISE AS NOTIFIED UNDER "THE NOISE POLLUTION (REGULATION & CONTROL) RULES, 2000

6 The applicant shall submit process flow sheet and particulars of proposed control equipments for controlling emission for each of the stacks and a time schedule for completing the installation of the same so as to reach the Board by .....

7 The applicant shall not change or alter either the prescribed quality or the rate of emission without the previous written permission of the Board.

8 The applicant shall set up ambient air quality monitoring stations for continuous recording of relevant critical parameters.

ANNEXURE-I

- a) This consent is valid for manufacturing the products and quantities as mentioned below.

Ordinary Portland Cement	-	1500 TPD
Pozzolana Cement	-	20% of enhanced production capacity (i.e., 20% of 900 TPD)

- b) The industry shall carryout an epidemiological study with a special emphasis on lung function test in the population in a 10 km radius from the plant. The methodology for carrying out an epidemiological study shall be approved by the Board.
- c) Industry shall construct and commission the sewage treatment plant for domestic waste within 3 months.
- d) The industry shall submit environmental audit, which includes waste audit, energy audit and safety audit within three months.
- e) The industry shall identify wastelands in 5Km radius around the plant and prepare a feasibility report to develop social forestry on them.
- f) The industry shall provide Bio-indicators for pollution sensitive plant species at half a km distance in all directions from the stack upto the plant boundary and upto 10 kms.
- g) The industry shall select ambient air quality stations based on air modeling and receptors particularly keeping in view of Human populations.
- h) The industry shall develop the greenbelt along the periphery of mining lease area to avoid dust being carried away.
- i) The industry shall not exceed the following ambient air quality standards SPM - 200 ug/m<sup>3</sup>, SO<sub>2</sub> - 80 ug/m<sup>3</sup> and RSPM - 100 ug/m<sup>3</sup>.
- J) This industry shall also follow all the conditions stipulated in the CFE for expansion.

  
MEMBER SECRETARY

ANNEXURE-I

a) This consent is valid for manufacturing the products and quantities as mentioned below.

Ordinary Portland Cement	-	1500 TPD
Puzzolona Cement	-	20% of enhanced production capacity (i.e., 20% of 900 TPD)

- b) The industry shall carryout an epidemiological study with a special emphasis on lung function test in the population in a 10 km radius from the plant. The methodology for carrying out an epidemiological study shall be approved by the Board.
- c) Industry shall construct and commission the sewage treatment plant for domestic waste within 3 months.
- d) The industry shall submit environmental audit, which includes waste audit, energy audit and safety audit within three months.
- e) The industry shall identify wastelands in 5km radius around the plant and prepares a feasibility report to develop social forestry on them.
- f) The industry shall provide Bio-indicators for pollution sensitive plant species at half a km distance in all directions from the stack upto the plant boundary and upto 10 km.
- g) The industry shall select ambient air quality stations based on air modeling and receptors particularly keeping in view of Human populations.
- h) The industry shall develop the grassbelt along the periphery of mining lease area to avoid dust being carried away.
- i) The industry shall not exceed the following ambient air quality standards  $SPM - 200 \mu\text{g}/\text{m}^3$ ,  $SO_2 - 80 \mu\text{g}/\text{m}^3$  and  $RSPM - 100 \mu\text{g}/\text{m}^3$ .
- j) The industry shall also follow all the conditions stipulated in the CPE for expansion.

  
MEMBER SECRETARY

# ANDHRA PRADESH POLLUTION CONTROL BOARD

Huda Complex, Maltrivanam, IInd Floor, S.R.Nagar, Hyderabad-500 038.



General : 293276

Phones : Off : Direct : 290667

BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE.

ORDER NO 28154/PCB/A/99

4274

## RENEWAL OF CONSENT ORDER

(Consent Order for operation for existing/new or altered discharge of emissions Under Section 21 of the Air(Prevention and Control of Pollution) Act, 1981)

CONSENT ORDER NO 28154/PCB/A/99-182

DATED 01/03/99

Is hereby RENEWED as required Under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 and the Rules/Orders made therein.

TO,

M/S MY HOME CEMENT INDUSTRIES LTD-  
MELLACHERU VILLAGE  
MELLACHERU MANDAL  
NALGONDA DIST

VALID UPTO 30/06/2000

with the following additional conditions.

1. The industry shall submit an Environmental Statement every year by the end of September in Form-V as required under Rule 14 of the E(P) Rules, 1986.

2. ANNEXURE - A

3.

Other conditions mentioned in the previous Consent Order remain the same.

DATE : 21/12/99

HYDERABAD

  
MEMBER SECRETARY

## Annex-A

- a) They shall provide clinker stock piles within three months. --
- b) They shall provide STP within six months.
- c) The industry shall submit environmental audit, which includes waste audit energy audit and safety audit within 4 months.
- d) The industry shall identify waste lands in 5 km radius around the plant and prepare a feasibility report to develop social forestry on them.
- e) The industry shall carryout an epidemiological study with specific emphasis on lung function test in the population in a 10 km radius around the plant. The methodology for conducting the epidemiological study shall be approved by the Board.
- f) The industry shall provide Bio-indicators for pollution sensitive plant species at half a km distance in all 16 directions from the stacks upto the plant boundary and upto 10 kms.
- g) The industry shall select ambient air quality stations based on air modeling and receptors particularly keeping in view of Human population.
- h) The industry shall develop the greenbelt along the periphery of mining lease area to avoid dust being carried away.
- i) The industry shall not exceed the following ambient air quality standards SPM - 200 ug/m<sup>3</sup>, SO<sub>2</sub> - 80 ug/m<sup>3</sup> and TSP(M) - 100 ug/m<sup>3</sup>.

  
MEMBER SECRETARY

W



# ANDHRA PRADESH POLLUTION CONTROL BOARD

Huda Complex, Maitrivanam, IInd Floor, S.R.Nagar, Hyderabad-500 038.

General : 29  
Phones : Off : Direct : 29

BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE.

ORDER NO.28154/PCB/W/99

4274

## RENEWAL OF CONSENT ORDER

(Consent Order for operation) for existing/new or altered discharge of sewage or trade effluent/outlet Under Section 25/26 of the Water (Prevention and Control of Pollution) Act, 1974)

CONSENT ORDER NO 28154/PCB/W/99-182

DATED 01/03/99

is hereby RENEWED as required Under Section 25/26 of the Water (Prevention and Control of Pollution) Act, 1974 and the Rules/Orders made therein.

TO,

**M/S MY HOME CEMENT INDUSTRIES LTD-**  
MELLACHERUVU VILLAGE AND MANDAL

NALGONDA DIST

VALID UPTO 30/06/2000

with the following additional conditions.

1. The industry shall submit an Environmental Statement every year by the end of September in Form-V as required under Rule 14 of the E(P) Rules, 1986.

2. ANNEXURE - A

3.

Other conditions mentioned in the previous Consent Order remain the same.

DATE : 21/12/99

### Annex-A

- a) They shall provide clinker stock piles within three months.
- b) They shall provide STP within six months.
- c) The industry shall submit environmental audit, which includes waste audit energy audit and safety audit within 4 months.
- d) The industry shall identify waste lands in 5 km radius around the plant and prepare a feasibility report to develop social forestry on them.
- e) The industry shall carryout an epidemiological study with specific emphasis on lung function test in the population in a 10 km radius around the plant. The methodology for conducting the epidemiological study shall be approved by the Board.
- f) The industry shall provide Bio-Indicators for pollution sensitive plant species at half a km distance in all 16 directions from the stacks upto the plant boundary and upto 10 kms.
- g) The industry shall select ambient air quality stations based on air modelling and receptors particularly keeping in view of Human population.
- h) The industry shall develop the greenbelt along the periphery of mining lease area to avoid dust being carried away.
- i) The industry shall not exceed the following ambient air quality standards SPM - 200 ug/m<sup>3</sup>, SO<sub>2</sub> - 80 ug/m<sup>3</sup> and RSPM - 100 ug/m<sup>3</sup>.

  
MEMBER SECRETARY

Annex-A

for air/water consent  
issued in the month of  
December, 1999

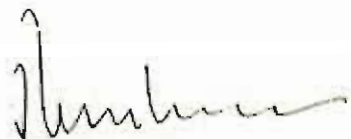
- a) They shall provide clinker stock piles within three months.
- b) They shall provide SIP within six months.
- c) The industry shall submit environmental audit, which includes waste audit energy audit and safety audit within 4 months.
- d) The industry shall identify waste lands in 5 km radius around the plant and prepare a feasibility report to develop social forestry on them.
- e) The industry shall carryout an epidemiological study with specific emphasis on lung function test in the population in a 10 km radius around the plant. The methodology for conducting the epidemiological study shall be approved by the Board.
- f) The industry shall provide Bio-indicators for pollution sensitive plant species at half a km distance in all 16 directions from the stacks upto the plant boundary and upto 10 kms.
- g) The industry shall select ambient air quality stations based on air modeling and receptors particularly keeping in view of Human population.
- h) The industry shall develop the greenbelt along the periphery of mining lease area to avoid dust being carried away.
- i) The industry shall not exceed the following ambient air quality standards SPM - 200 ug/m<sup>3</sup>, SO<sub>2</sub> - 10 ug/m<sup>3</sup> and TSPM - 100 ug/m<sup>3</sup>.

  
MEMBER SECRETARY

Annex-A

APPCB file  
Gyo

- a) They shall provide clinker stock piles within three months.
- b) They shall provide STP within six months.
- c) The Industry shall submit environmental audit, which includes waste audit energy audit and safety audit within 4 months.
- d) The industry shall identify waste lands in 5 km radius around the plant and prepare a feasibility report to develop social forestry on them.
- e) The industry shall carry out an epidemiological study with specific emphasis on lung function test in the population in a 10 km radius around the plant. The methodology for conducting the epidemiological study shall be approved by the Board.
- f) The industry shall provide Bio-Indicators for pollution sensitive plant species at half a km distance in all 16 directions from the stacks upto the plant boundary and upto 10 kms.
- g) The industry shall select ambient air quality stations based on air modeling and receptors particularly keeping in view of Human population.
- h) The industry shall develop the greenbelt along the periphery of mining lease area to avoid dust being carried away.
- i) The Industry shall not exceed the following ambient air quality standards SPM - 200 ug/m<sup>3</sup>, SO<sub>2</sub> - 100 ug/m<sup>3</sup> and PM<sub>10</sub> - 100 ug/m<sup>3</sup>.

  
MEMBER SECRETARY



# CONSENT ORDER

BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

No. G. 28154//PCB/W/99-182

Dt. March 1999

(Consent order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Act)

CONSENT is hereby granted under section 25/26 of the Water (Prevention and Control of Pollution) Act, 1974 (hereinafter referred to as "the Act") and the rules and orders made there under to M/s. **HY-HOME CEMENT INDUSTRIES LTD.,** **MELLACHERUVU (V & M)** **KODAD TALAQ** **NALGONDA DIST**

\* DISCHARGE EFFLUENTS AS DETAILED BELOW (hereinafter referred to as "the Applicant") authorising to operate the industrial plant to discharge the effluents from the following outlets as mentioned below.

Outlet No.	Description of outlet	Point of disposal
1	SANITARY EFFLUENTS	SEPTIC TANK FOLLOWED BY SOAK PIT.

This is subject to the provisions of the Act and the rules and orders made there-under and further subject to the terms and conditions incorporated in the Schedule

This CONSENT shall be valid for a period ending with the **30 day of June, 1999**

for and on behalf of the  
A.P. Pollution Control Board.

## SCHEDULE

### TERMS AND CONDITIONS.

- The applicant shall make an application for grant of fresh consent at least 30 days before the date of expiry of this consent.
- The quantity of the effluent discharged shall not exceed the figures mentioned below:

Outlet No.	Maximum daily discharge lits/day
1	96000.00

- The applicant shall submit flow sheet and particulars of proposed treatment and disposal system and a time schedule for completing the treatment plant for treating the trade effluent as well as domestic sewage from the factory and colony so as to reach the Board by **June, 1999**
- Necessary fee, as prescribed for obtaining consent, shall be paid for by the applicant along with the consent application.
- The industry would immediately submit the revised application for consent to this Board in the event of any change in the trade effluent raw material used and processes employed.
- The applicant shall not change or alter either the quality or the quantity or the rate of the discharge or temperature or the route of discharge without the previous written permission of the Board.
- The effluent discharged shall not contain constituents in excess of the tolerance limits as laid down hereunder:

Sl. No.	Parameter	Limiting standards
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SUBMIT ENVIRONMENTAL AUDIT STATEMENT EVERY YEAR.  
CALL DEVELOPMENT BANK FOR THE YEAR 2000-01.

The applicant shall take immediate action to install or modify the treatment plant for treating the effluents to the satisfaction of the Board within the following time limits:

CONSENT ORDER BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

(Consent Order for operation of the plant under section 21 of Air (Prevention & Control of Pollution) Act, 1981)

Consent is hereby granted under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 (hereinafter referred to as "the Act") and the rules and orders made thereunder to M/s

MYHOME CEMENT INDUSTRIES LTD.,  
MELLACHERUVU V & M, KODAD TALUQ.,  
NALGONDA DIST.

(hereinafter referred to as "the Applicant") authorising to operate the industrial plant in the Air Pollution Control Areas as notified from the following Chimneys or outlets and the quantity of Emission discharged per minute on any day shall not exceed the figures as mentioned below.

Chimney No.	Description of Chimney	Quantity of emission in m <sup>3</sup> /hr. at peak fl
1	ATTACHED TO 600 TPD COAL FIRED BOILER	HOR ROTARY K
2	ATTACHED TO COAL MILL	_____
3	ATTACHED TO CEMENT MILL	_____
4	ATTACHED TO CLINKER COOLER	_____
5	ATTACHED TO 2000 KVA D.G. SET	_____
6	ATTACHED TO 2000 KVA D.G. SET	_____

This is subject to the provisions of the Act and Rules and orders made thereunder and for subject to the terms and conditions incorporated in the schedule.

This consent shall be valid for a period ending with the \_\_\_\_\_ Day of \_\_\_\_\_ 1999

for the behalf of the  
Pollution Control Board

Regional Office, Nalgonda  
Scientist (Boards Laboratory) for information and

SCHEDULE

TERMS AND CONDITIONS

- The applicant shall make an application for grant of Renewal of consent at least 30 days before the date of expiry of this consent.
- The industry shall immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, Air Pollution Control equipment, quantity of emissions etc.
- The applicant shall take immediate action to install or to modify the equipment for the control of emission quality to the satisfaction of the Board within \_\_\_\_\_ so as to conform to the prescribed limits as per the item No.5 below for different chimneys.
  - All the fugitive emissions shall be controlled with proper measures approved by the Board.
  - The applicant shall also install the equipment such as wind speed recorder, wind direction recorder and rain fall measuring equipment.
- The applicant shall at his own cost get the samples of emissions collected and analysed from the A.P.P.C.B. and other Laboratories which are established as per the guidelines and norms of MOE & F and CPCB for the parameters indicated in the condition NO.5 and shall submit in duplicate the report thereof to the Board \_\_\_\_\_ EVERY MONTH
- The emissions shall not contain constituents in excess of the prescribed limits as laid down hereunder.

Chimney No.	Parameter	Emission standards mg/Nm <sup>3</sup>
1	SUSPENDED PARTICULATE MATTER	115
2	SUSPENDED PARTICULATE MATTER	115
3	SUSPENDED PARTICULATE MATTER	115
4	SUSPENDED PARTICULATE MATTER	115
5	SUSPENDED PARTICULATE MATTER	115
6	SUSPENDED PARTICULATE MATTER	115

THE AMBIENT AIR QUALITY STANDARDS SHALL NOT EXCEED THE FOLLOWING SPM - 200 UG/NM<sup>3</sup>, SO<sub>2</sub> - 80 UG/NM<sup>3</sup>, RSPM < 100 UG/NM<sup>3</sup> INDUSTRY SHALL CONTROL FUGITIVE EMISSIONS AT ALL SOURCES. INDUSTRY SHALL CONTROL NOISE PROBLEM AT THE SOURCE ITSELF. THE INDUSTRY SHALL TAKE ALL CONTROL MEASURES TO CONTROL AIR POLLUTION GENERATED DURING MINING OPERATIONS, AND TRANSPORTATION OF MINERAL LIME STONE. THE INDUSTRY SHALL DEVELOP GREENBELT ALONG PERIPHERY OF THE MINING LEASE AND NEAR DUMPING AREA.

- The applicant shall submit process flow sheet and particulars of proposed control equipment for each of the sources and a time schedule for completing the same to the Board by \_\_\_\_\_
- The applicant shall not change or alter either the prescribed quality or the rate of emission without the prior written permission of the Board.
- The applicant shall set up \_\_\_\_\_ ambient air quality monitoring stations for continuous recording of relevant critical parameters.

APOLLO DATA POINTS PVT. LTD. 02239 62501

ANNEXURE - I

The standards in respect of noise pollution notified by Ministry of Environment & Forests, Government of India shall be followed.

At any time during the inspection of Pollution Control Board Officers or any other Licensing/Service authorities if it is observed that the factory is not complying with any of the above conditions leading to pollution problems, this consent is liable for cancellation without further notice and all the services rendered by the Licensing departments shall be withdrawn without further notice.

Separate power connection with energy meter shall be provided for the Pollution Control Equipments and record of power consumption and chemicals consumption for the operation of pollution control equipment shall be maintained separately.

The industry is liable to pay compensation for any environmental damage caused by it, as fixed by Collector/District Magistrate as Civil Liability.

All the rules & regulations notified by Ministry of Environment & Forests, Government of India in respect of management, handling, transportation and storage of hazardous chemicals and waste shall be followed.

All the rules & regulations notified by Ministry of Environment & Forests, Government of India in respect of microorganisms, genetically engineered organisms or cells shall be followed.

All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding public liability Insurance Act, 1991 shall be followed.

The industry shall provide a minimum slack height (H) to the D.G. Sets as per the following formula:

$$H = H_1 + 0.2 \sqrt{KVA}$$

KVA = Total generating capacity; H<sub>1</sub> = Height of building where D.G. Set is installed.

The industry shall provide interlocking arrangements between the process and pollution control equipments in such a way that whenever pollution control equipments fail to work the process comes to halt.

SECRETARY

**GOVERNMENT OF TELANGANA  
IRRIGATION & CAD DEPARTMENT**

**Present :- Sri O.V.Ramesh Babu, B.Tech., Chief Engineer,  
Irrigation Unit, Musi Camp, Suryapet.**

**Proc.No.CE(I)-SRPT/DCE/O.T-2/AEE/TS-iPASS /M/S MHIPL/Water allocation/ 471 Dt. 06 .01.2022.**

Sub: I&CAD Department – TS-iPASS Act-2014 – Online application of M/S My Home Industries Private Limited – Request for allocation of 2400 KL/Day (0.031 TMC per Annum) of water for newly proposed 7 MW power plant (Waste heat based) and cement plant (Unit-IV) of capacity 1.75 MTPA at Mellacheruvu (V&M), Suryapet district – Permission Accorded – Orders Issued – Regarding.

- Ref: 1. Govt.Memo.No.7288/Reforms/A2/2016, Dt.15.03.2017  
 2. Lr.No.ENC(I)/DCE-I/OT1/AEE5/Automatic allocation/2016, Dt.24.03.2017  
 3. Superintending Engineer, Irrigation Circle, Kodad Lr.No.SE/IC/Kodad/AEE1/198<sup>CE</sup> dated.12.11.2021  
 4. This office Lr.No.CE/SRPT/2021-22/37<sup>ENC</sup> Dt.08.12.2021  
 5. Memo.No.ENC(G)SE(P&M)/DCE(GB)/OT1/AEE5/M/S My Home, Dt.20.12.2021  
 6. Application of My Home Industries Private Limited, dated: dt.21.08.2021  
 7. Online application of M/S My Home Industries Private Limited, dated. 23.12.2021  
 8. Lr.No.ENC(G)/SE(P&M)/DCE(GB)/OT1/AEE5/M/s. My Home, Dt.06.01.2022

\*\*\*\*\*

**ORDER**

My Home Industries Private Limited (MHIPL) under reference 6<sup>th</sup> cited has informed that they are proposing 7MW Power plant (Waste heat based) at Mellacheruvu village of Mellacheruvu (M), Suryapet district and requested to accord permission to draw 2400 KL/Day (0.031 TMC per annum) of water from surplus water of River Krishna at Gundlapally village of Matampally (M), Suryapet district to meet the requirement of the plant.

MHIPL further informed that the power generated from the proposed power plant (Waste Heat based) shall be used for the Captive requirement of the new Unit-IV at Mellacheruvu and draw the water for the proposed new power plant and Cement plant from the existing well by putting additional pumps and laying a separate pipe line along the existing two underground pipe lines.

In the reference 3<sup>rd</sup> cited the Superintending Engineer, Irrigation circle, Kodad has reported that, approval may be issued for water drawl of 2400 KL/Day (0.031 TMC per Annum) by laying 300 mm dia pipe line for proposed new 7MW (Waste heat based) Power plant and 1.75 MTPA capacity Cement plant (Unit-IV) at Mellacheruvu village of Mellacheruvu (M), Suryapet district from surplus water of River Krishna at Gundlapalli village to the My Home Industries Private Limited.

In the reference 4<sup>th</sup> cited Engineer-in-Chief (General), Hyderabad was addressed for issuing suitable instructions on allocation of 2400 KL/Day (0.031 TMC per Annum) to My Home Industries Private Limited.

In the reference 5<sup>th</sup> cited, the Engineer-in-Chief (General) has instructed to take necessary action as per Government Orders on allocation of 2400 KL/Day (0.031 TMC per Annum). Meanwhile MHPIL under reference 7<sup>th</sup> cited submitted online application through TS-iPASS portal.

In the reference 8<sup>th</sup> cited, the Engineer-in-Chief (General) has instructed the Chief Engineer, Irrigation, Suryapet may accord permission for drawal of 2400 KL per day or 0.031TMC per annum for newly proposed 7 MW Power plant (Waste heat based) and cement unit, to the above industry subjected to obtain the concurrence of the concerned District Collector. Consent of Pollution Control Board for a period of 5 years and payment of water charges up to date as per G.O.Ms.No.115, dated.27.06.2015 with standard procedure and agreement.

Under reference 1<sup>st</sup> cited, the Government have delegated the powers to the concerned Chief Engineers for allocation of water up to 0.20 TMC or 200 Mcft from irrigation sources to the Industrial Units under intimation to Engineer-in-Chief (Irrigation) {renamed as Engineer-in-Chief (General) as per reorganization of the Irrigation & CAD Department}/Government so as to enable the Industries Department to expedite the clearance schemes under TS-iPASS.

In the reference 2<sup>nd</sup> cited, the Engineer-in-Chief (Irrigation) {renamed as Engineer-in-Chief (General) as per reorganization of the Irrigation & CAD Department} has issued instructions to take necessary action according to Govt. Memo 1<sup>st</sup> cited under intimation to Engineer-in-Chief (General)/Government.

Therefore after careful examination of matter, as per the orders of the Government contained in the Memo 1<sup>st</sup> cited and as per instructions of the Engineer-in-Chief (General), Hyderabad under reference 2<sup>nd</sup>, 5<sup>th</sup> & 8<sup>th</sup> cited, permission is here by accorded to My Home Industries Private Limited for drawl of 2400 KL/Day of water (0.031 TMC per Annum) from surplus water of River Krishna at Gundlapally village of Matampally (M), Suryapet district subject to the concurrence of the Nodal Agency of appropriate committee of TS-iPASS, District Collector concerned, the clearance of Pollution Control Board, Ground water Department and obtaining of all other departments permissions necessary as per the Orders/Laws/Rules/enacts/amendments of the state and central government in force and as issued time to time subject with the following terms and conditions apart from usual terms and conditions.


1. The applicant should furnish the required information to the competent authority and also to the Nodal Agency simultaneously.
2. The firms should make its own arrangements with their own costs for drawl of water including procurement of the land necessary near the river bank and wherever the pipe lines proposed to be laid and also lifting, Pumping all other arrangements required to create storage facilities at their own cost etc.
3. The Department is no way responsible for non-supply / non availability of water due to any reason in any particular water year.
4. The utilization should not exceed 2400 KL/Day (0.031 TMC per Annum) and the necessary measuring arrangements have to be made by the firm only.
5. The applicant shall pay the water royalty charges to the Government as per Govt. Order G.O.Ms.No.115, dated.27.06.2015 and subsequent amendments.

The permission now accorded is only for a period of 5 (five) years depending upon the excess surplus discharge in the River of Krishna. The water drawn from the River should be utilized for the purpose for which permission is accorded and any misuse in this regard other than the purpose will entail cancellation of the permission without any notice liable for imposition of penalty.

Sd/- Dt. 06.01.2022  
O.V.Ramesh Babu  
Chief Engineer,  
Irrigation Unit, Suryapet.

To,

1. My Home Industries Private Limited. Mellachruvu (V&M), Suryapet district through Engineer-in-Chief (General), Irrigation & CAD Department, 4<sup>th</sup> floor, Jalsoudha Buildings, Errum Manzil, Hyderabad with a request to communicate these proceedings to the State Nodal Agency, TS-iPASS Act-2014, Hyderabad to serve the applicant.
2. Copy submitted to the Special Chief Secretary to the Governemnt, I&CAD Department, Secretariat, Hyderabad for kind information.
3. Copy submitted to the Engineer-in-Chief (General), Irrigation & CAD Department, Jalsoudha, Hyderabad for information.
4. The District Collector, Suryapet district for information and necessary action.
5. The District Nodal Agency through District Collector, Suryapet.
6. Copy to the Superintending Engineer, Irrigation Circle, Kodad for information and necessary action.

  
Chief Engineer,  
Irrigation Unit, Suryapet.



Office of the Tahasildar,  
Mellacheruvu

Ref. No. D/1069/17 dated. 20-05-2017

### CERTIFICATE

Sub: T.S. Walta Act 2002 – Mellacheruvu Mandal – Mellacheruvu Village – old Bore Wells dug before enforcement of Walta Act – No Adverse effect to Public drinking water sources registered as per Walta Act –Certified No Objection as per Walta Act – Intimated-Regarding.

Ref: 1) Representation of the M/s My Home Industries Private Limited, Mellacheruvu, dated 31-03-2017.

2) Consent for operation issued by Telangana Pollution Control Board to My Home Industries Private Limited vide Consent Order No. TSPCB/RCP/HO/CFO & HWA 2016/975, date.14-07-2016

It is here by inform to you that, as per your request vide reference 1<sup>st</sup> cited for registration of existing bore Wells and issue of "**NO OBJECTION CERTIFICATE**", the Mandal Revenue Inspector along with concerned Village Revenue Officer inspected the below mentioned Bore wells located in Colony & Factory premises of My Home Industries Private Limited, Srinagar, Mellacheruvu.

Further note that- My Home Industries Private Limited has obtained Consent for Operation Orders from Telangana State Pollution Control Board as per the details shown below:

Sl.No.	Consent for operation order No. & date.	Use of Water per day in KLD/Cubic meter
1.	Consent Order No. TSPCB/RCP/HO/CFO & HWA 2016/975, date.14-07-2016	1490

The Mandal Revenue Inspector, Mellacheruvu has reported that there are Six Bore Wells in the Colony and Factory premises. Further he has reported that, there was no adverse effect to the public drinking water sources i.e. no public water sources is existing within the radius of 250 meters from the old bore wells existing in the **colony & factory premises** of My Home Industries Private Limited, Srinagar, Mellacheruvu.

.....Contd....2..

The Mandal Walta committee resolved to register your existing 6 old Bore Wells with the following details and there is no objection to these old Bore Wells as per T.S. Walta Act Rules which are in vogue.

**Details of the Registered Bore Wells :**

Sl. No.	Name of the Owner of wells	Survey Number	Village	Type of well open or Bore Well	Purpose of using	Water output per hour in liters	Whether pumping is done by using Motor, if so details	If used for irrigation state acreage irrigated.
1.	My Home Industries Private Limited, Srinagar, Mellacheruvu Post & Mandal, Suryapet District, Telangana State.	Sy.No. 1057	Mellacheruvu Village & Mandal (Old colony)	Bore Well	Domestic & Industrial Purpose	8-10 Cubic Meter / Hour	3.7 KW (5 HP) submersible Pump	Not used for irrigation
2.	My Home Industries Private Limited, Srinagar, Mellacheruvu Post & Mandal, Suryapet District, Telangana State	Sy.No. 1057	Mellacheruvu Village & Mandal (Gypsum Yard - 1)	Bore Well	Domestic & Industrial Purpose	8-10 Cubic Meter / Hour	3.7 KW (5 HP) submersible Pump	Not used for irrigation
3.	My Home Industries Private Limited, Srinagar, Mellacheruvu Post & Mandal, Suryapet District, Telangana State	Sy.No. 1057	Mellacheruvu Village & Mandal (Gypsum Yard - 2)	Bore Well	Domestic & Industrial Purpose	8-10 Cubic Meter / Hour	3.7 KW (5 HP) submersible Pump	Not used for irrigation
4.	My Home Industries Private Limited, Srinagar, Mellacheruvu Post & Mandal, Suryapet District, Telangana State	Sy.No. 885	Mellacheruvu Village & Mandal (Lake Area - 2)	Bore Well	Domestic & Industrial Purpose	8-10 Cubic Meter / Hour	3.7 KW (5 HP) submersible Pump	Not used for irrigation
5.	My Home Industries Private Limited, Srinagar, Mellacheruvu Post & Mandal, Suryapet District, Telangana State	Sy.No. 1057	Mellacheruvu Village & Mandal (Cement Weigh Bridge)	Bore Well	Domestic & Industrial Purpose	8-10 Cubic Meter / Hour	3.7 KW (5 HP) submersible Pump	Not used for irrigation
6.	My Home Industries Private Limited, Srinagar, Mellacheruvu Post & Mandal, Suryapet District, Telangana State	Sy.No. 1057	Mellacheruvu Village & Mandal (workshop Area)	Bore Well	Domestic & Industrial Purpose	8-10 Cubic Meter / Hour	3.7 KW (5 HP) submersible Pump	Not used for irrigation



*M. Dhanraj Kumar*  
**TANSHIL DARS** / 2017  
 Mandal Level Walta Committee & Tahasildar,  
 Mellacheruvu (M)  
 Suryapet Dist.



Office of the Tahasildar,  
Mellacheruvu

Ref.No. B/576/2017 dated 23-05-2017

## **CERTIFICATE**

Sub: T.S. Walta Act 2002 – Mellacheruvu Mandal – Mellacheruvu Village – old Bore Wells dug before enforcement of Walta Act – No Adverse effect to Public drinking water sources registered as per Walta Act –Certified No Objection as per Walta Act – Intimated-Regarding.

Ref: 1) Representation of the M/s My Home Industries Private Limited, Mellacheruvu, dated 07-04-2017.

2) Consent for operation from Telangana Pollution Control Board Issued to Mines vide consent Order No. TSPCB/RCP/SRD/CFO&HWM/HO/2016-17/974, date. 14-07-2016 for Choutapalli Limestone Mines

&

Consent Order No. TSPCB/RCP/NLG/11699/CFO/HO/776, date.12-01-2015 for Yepalamadhavaram Limestone Mines.

3) Report of the Mandal Revenue Inspector, dated \_\_\_\_\_.

It is here by inform to you that, as per your request vide reference 1<sup>st</sup> cited for registration of existing bore Wells and issue of "**NO OBJECTION CERTIFICATE**", the Mandal Revenue Inspector along with concerned Village Revenue Officer inspected the below mentioned bore well locations in the premises of Mining Lease Area of My Home Industries Private Limited, Mellacheruvu and submitted report in the reference 3<sup>rd</sup> cited.

Further note that- My Home Industries Private Limited has obtained Consent for Operation Orders from Telangana State Pollution Control Board to mines as per the details shown below:

Sl.No.	Consent for operation order No. & date.	Use of Water per day in KLD/Cubic meter
1.	Consent Order No. TSPCB/RCP/SRD/CFO&HWM/HO/2016-17/974, date. 14-07-2016 for Choutapalli Limestone Mines	75
2.	Consent Order No. TSPCB/RCP/NLG/11699/CFO/HO/776, date.12-01-2015 for Yepalamadhavaram Limestone Mines	125

The Mandal Revenue Inspector, Mellacheruvu has reported that there are three Bore Wells in the Mining Lease Area. Further he has reported that, there was no adverse effect to the public drinking water sources i.e. no public water sources is existing within the radius of 250 meters from the old bore wells existing in the Mining Lease Area of My Home Industries Private Limited, Mellacheruvu.

.....Contd....2..

The Mandal Walta committee resolved to register your existing 3 old Bore Wells with the following details and there is no objection to these old Bore Wells as per T.S. Walta Act Rules which are in vogue.

**Details of the Registered Bore Wells :**

Sl. No.	Name of the Owner of wells	Survey Number	Village	Type of well open or Bore Well	Purpose of using	Water output per hour in liters	Whether pumping is done by using Motor, if so details	If used for irrigation state acreage irrigated.
1.	My Home Industries Private Limited, Srinagar, Mellacheruvu Post & Mandal, Suryapet District, Telangana State.	Sy.No. 10	Yepala-madhavaram Village, Mellacheruvu Mandal	Bore Well	Domestic & Industrial Purpose	8-14 Cubic Meter / Hour	4.5 KW (6 HP) submersible Pump	Not used for irrigation
2.	My Home Industries Private Limited, Srinagar, Mellacheruvu Post & Mandal, Suryapet District, Telangana State	Sy.No. 1104	Mellacheruvu Village & Mandal	Bore Well	Domestic & Industrial Purpose	6-12 Cubic Meter / Hour	3.7 KW (5 HP) submersible Pump	Not used for irrigation
3.	My Home Industries Private Limited, Srinagar, Mellacheruvu Post & Mandal, Suryapet District, Telangana State	Sy.No. 1104	Mellacheruvu Village & Mandal	Bore Well	Domestic & Industrial Purpose	8-12 Cubic Meter / Hour	3.7 KW (5 HP) submersible Pump	Not used for irrigation



M. Dambuday  
 Chairman  
 Mandal Level Walta Committee & Tahasildar,  
 Mellacheruvu Dist  
 23/05/17