



ANDHRA PRADESH POLLUTION CONTROL BOARD
Paryavarana Bhavan, A-III, Industrial Estate,
Sanathnagar, Hyderabad-500 018
Phone : 040-23887500, Website: www.appcb.ap.nic.in

RED CATEGORY
CONSENT & AUTHORISATION ORDER
BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Consent Order No : APPCB/VSP/VSP/14082/HO/CF0/2017

Date : 19.01.2017

CONSENT is hereby granted for Operation under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation under Rule 6 of the Hazardous & Other Wastes (Management and Transboundary, Movement) Rules, 2016 and the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') to:

M/s. L.G. Polymers India Pvt., Limited
(Change of Product mix)
R.R. Venkatapuram Village
Pendurthy Mandal,
Visakhapatnam - 530 029
Email: info@lgpi.co.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 KLD	Point of Disposal
1.	Trade Effluents after Treatment	213	Onland for plantation after treatment in ETP.
2.	Domestic Effluents	40	Onland for plantation after treatment in STP.

ii) Emissions from chimneys:

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow
1.	Attached to 10 Lakh K.Cal/yr GPPS Oil Fired Heater	2040 Nm ³ /hr
2.	Attached to 12 Lakh K.Cal/yr HIPS Oil Fired Heater	2600 Nm ³ /hr
3.	Attached to 1x5 TPH Oil Fired Boiler	5200 Nm ³ /hr
4.	Attached to 1x8 TPH Oil Fired Boiler (Standby)	8750 Nm ³ /hr
5.	Attached to 4 x 1000 KVA D.G. Sets	--
6.	Attached to 1x500 KVA D.G. Set	--

iii) HAZARDOUS WASTE AUTHORISATION (FORM - II) [See Rule 6 (2)]:

M/s. L.G. Polymers (I) Pvt. Ltd., R.R. Venkatapuram, Visakhapatnam 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	Disposal Option
1.	ETP Sludge	35.3 of Schedule - I	100 TPA	TSDF, Parawada, Visakhapatnam District for secured land filling/ Co-Processing in Cement industries.

• HAZARDOUS WASTES WITH RECYCLABLE OPTION:

S. No	Name of the Hazardous waste	Stream	Quantity	Disposal Option
1.	Used / Spent Oil	5.1 of Schedule - I	2.0 KLPA	Authorised Re-processors / Recyclers.
2.	Containers of Hazardous Waste & Chemicals	33.1 of Schedule - I	2.0 TPA	After complete detoxification, it shall be disposed of to outside agencies.

This consent order is valid to manufacture the following products along with quantities indicated only:

S. No	Products*	Quantity
1.	Polystyrene	313 TPD (limited to 1,09,000 TPA)
2.	Expandable Polystyrene	102 TPD (36,000 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 31st day of December, 2021.

Sd/-
MEMBER SECRETARY

✓ To
M/s. L.G. Polymers India Pvt., Limited
R.R. Venkatapuram Village
Pendurthy Mandal,
Visakhapatnam - 530 029

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


Joint Chief Environmental Engineer
Unit Head-IV

SCHEDULE - A

- Any up-set condition in any industrial plant / activity of the industry, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.
- The industry should carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board.
- All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed as applicable.
- The industry should put up two sign boards (6x4 ft. each) at publicly visible places at the main gate indicating the products, effluent discharge standards, air emission standards, hazardous waste quantities and validity of CFO and exhibit the CFO order at a prominent place in the factory premises.
- Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke 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.

6. 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.
7. The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
8. The applicant should 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 and detailed compliance of CFO conditions for obtaining Consent & HW Authorization of the Board. The industry should 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. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / tend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.
9. 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 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.

SCHEDULE - B

WATER POLLUTION:

1. The effluent discharged shall not contain constituents in excess of the tolerance limits mentioned below:

Outlet	Parameter	Limiting Standards
1&2	pH	6.5 -8.5
	TSS	100 mg/l
	TDS	2100 mg/l
	Oil and Grease	10 mg/l
	COD	250 mg/l
	BOD	30 mg/l

2. The source of water is ground water. The following is the permitted water consumption:

Sl. No.	Purpose	Quantity (KLD)
1	Industrial cooling, boiler feed	325
2	Domestic & Gardening purposes.	40
3	Process, whereby water gets polluted and pollutants are easily bio degradable.	185
4	Processing, whereby water gets polluted and the pollutants are not easily bio - degradable.	--
Total		550

Separate meters with necessary pipe-line shall be maintained for assessing the quantity of water used for each of the purposes mentioned above for Cess assessment purpose.

3. The industry shall place the chemical drums and / or any drums in the concrete platform only. The Platform shall be provided with sufficient dyke wall and effluent collection system.

AIR POLLUTION

4. The emissions shall not contain constituents in excess of the prescribed limits mentioned below:

Chimney No.	Parameter	Emission Standards
1 to 4	Particulate Matter	100 mg/Nm ³

5. The industry shall comply with emission limits for DG sets 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 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 PM₁₀(Particulate Matter size less than 10µm) - 100 µg/ m³; PM_{2.5}(Particulate Matter size less than 2.5 µm) - 60 µg/ m³; SO₂

- 80 µg/ m³; NO_x - 80 µg/ m³; NH₃ - 400 µg/ m³ 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 shall be complied. Following standards prescribed for noise shall be complied.

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

GENERAL

7. The industry shall handover the original auto renewal consent order dated 24.10.2016, having validity upto 31.12.2021 to the RO, Visakhapatnam after receipt of this order and the same stands cancelled from the date of receipt of this order.
8. The industry shall increase the percentage of usage of treated waste water into the process.
9. The industry shall not manufacture any product, other than those mentioned in this order.
10. The industry shall maintain 2 CAAQM stations with networking facility to APPCB website. The industry shall maintain existing CAAQM Station within the plant for online monitoring of PM_{2.5}, PM₁₀, SO₂ & NO_x.
11. The industry shall maintain VOC analyzers with recording facility and maintain records.
12. The industry shall operate Sewage Treatment Plant for treatment of domestic effluents and maintain records.
13. The industry shall consuming treated effluent in the process to maximum extent after treatment and maintain records.
14. The industry shall maintain piezowells to monitor ground water quality in and around Plant and submit trend analysis every 6 months to RO, Visakhapatnam.
15. The industry shall comply with CPCB directions dated 05.02.2014 / 02.03.2015 and guidelines issued regarding online monitoring systems issued from time to time.
16. 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 and disposed.
 - c. Log Books for pollution control systems, ETP including energy meters.
 - d. Daily solid waste generated and disposed to TSDF.
17. The industry shall maintain log books on the following:
 - i. Hydraulic loads of effluent generation
 - ii. Characteristics of effluents
 - iii. Quantity of effluents generated and disposed.
 - iv. Hazardous waste generated and disposed.
 - v. Furnish consolidated daily records on the above periodically once in three months to the RO.
18. There shall not be any spillages / chemicals / effluents on ground. The drums containing chemicals & wastes shall be stored on elevated platform with a provision to collect leachate / spillages in the collection pit. In no case the drums shall be stored on the naked open ground.
19. System of leak detection and repair of pump / pipeline shall be installed in the plant and immediate response team shall be identified for preventive maintenance.
20. The industry shall dispose solid waste as follows:

S. No.	Name of the Solid / Hazardous Waste	Quantity of Hazardous waste	Disposal Option
1.	Non polymerized residues	80 KLPA	Authorized recyclers/ reprocessors
2.	Used filters and filter cloth	1.5 TPA	Authorized Recyclers/ reprocessors
3.	Waste rubber	1.5 TPA	Authorized recyclers / reprocessors
4.	Used cotton waste	0.3 TPA	TSDF
5.	Stock soot	1.5 TPA	
6.	Insulation wool	5.0 TPA	
7.	E - Waste	0.5 TPA	Authorized Dismantlers

21. The industry shall comply with all the rules, regulations, standards and directions issued by CPCB, MoEF&CC and APPCB.

22. The industry shall comply with the conditions stipulated in the CFE (Change of Product mix) order dated 19.12.2016.
23. The industry shall develop green belt in all the vacant places. In future, excess green belt over and above 33 % of total area can be utilized for industrial activity as per requirement of industry.

SCHEDULE - C
[see rule 6(2)]

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

1. All the rules and regulations notified by Ministry of Environment and Forests, Government of India under the E(P) Act, 1986 in respect of management, handling, transportation and storage of the Hazardous wastes should be followed.
2. The industry shall not store hazardous waste for more than 90 days as per the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016.
3. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal to the manufacturers / dealers on buyback basis.
4. The industry shall maintain 6 copy manifest system for transportation of waste generated and a copy shall be submitted to concerned Regional Office of APPCB. 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 should carry a Transport Emergency (TREM) Card.
5. The industry shall maintain proper records for Hazardous & other 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 6 (5) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 and amendments thereof.
6. The industry shall 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. LG Polymers India Pvt Ltd.,
R.R.Venkatapuram,
Visakhapatnam - 530 029

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


Joint Chief Environmental Engineer
Unit Head-IV