



# GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

Phone : (079) 23226295

Fax : (079) 23232156

Website : www.gpcb.gov.in

By R.P.A.D.

"Consent to Establish"

CTE-Amendment NO: 76156

NO: GPCB/CCA-AND-94(2)/ID:17608/

Date: /03/2016

To,  
M/s. S.M. Industries (ID: 17608),  
Plot No: 192/4,  
Sokhada-388620,  
Tal: Khambhat,  
Dist: Anand.

SUB: Consent to Establish (NOC) under Section 25 of Water Act 1974 and Section 21 of Air Act 1981.

REF: Your online CTE - Amendment application. No. - 99181 dated: 16/11/2015.

Sir,

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board grants **Consent to Establish (NOC)** for setting up of an industrial plant/activities at Plot No: 192/4, Sokhada-388620, Tal: Khambhat, Dist: Anand, for the manufacturing of the following item.

1. The Validity period of the order will be up to 04/02/2021.

Sr. No	NAME OF PRODUCTS	EXISTING QUANTITY	PROPOSED QUANTITY	TOTAL QUANTITY
1.	AZO Dyes (Crude) as manufacturing	5 MT/Month	—	5 MT/Month
2.	AZO Dyes (Blending & grinding) (Azodyes product purchase from market)	—	10 MT/Month	10 MT/Month

2. SPECIFIC CONDITION:

- Applicant shall not Manufactured azodyes as product more than quantity of obtained in CCA.
- Applicant shall Manufactured proposed product by mixing process & Maintained record separately & submit regularly.
- Applicant shall not used wood as a fuel.

3. CONDITION UNDER THE WATER ACT:

- 3.1 The total quantity of the industrial effluent from the manufacturing process and other ancillary industrial operations shall not exceed 3.3 KL/Day.
- 3.2 Generated industrial effluent after treatment shall be reused back in process thus achieve Zero liquid discharge.
- 3.3 Applicant Shall provide fix pipe line network along with separate flow meter for the use of treated effluent for reused purpose within factory premises & Maintained record & submit to the board.
- 3.4 The total quantity of the domestic waste water (Sewage) effluent from the factory shall not exceed 0.300 KL/Day

- 3.5 Domestic effluent shall be disposed off through Septic Tank / Soak pit system or it shall be treated separately to conform to the following standards.

PARAMETERS	GPCB NORMS
Suspended Solids	30 mg/l
BOD (5 days at 20 °C)	20 mg/l
Residual Chlorine	Minimum 0.5 ppm

#### 4. CONDITIONS UNDER THE AIR ACT:

- 4.1 The following shall be used as fuel.

Sr. No	For APC	Existing	Proposed	Total
1	Agro waste /Bio fuel	30 MT/Month	---	30 MT/Month

- 4.2 The applicant shall install & operate air pollution control system in order to achieve norms prescribed below:

- 4.2.1 The flue gas emission through stack attached to IBR Boiler shall conform to the following standards due to the proposed.

Stack No.	Stack Attached To	Stack Height in Meter	APCM	Parameter	Permissible Limit
1.	Non IBR Boiler (Existing) removed	12 m (From G.L.)	---	Particulate matter SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100 ppm 50 ppm
2.	Hot Air Generator (Existing)	12 m (From G.L.)	Dust Collector	Particulate matter SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100 ppm 50 ppm
3.	IBR Boiler (Proposed)	12 m (From G.L.)	Multi Cyclone Dust Collector	Particulate matter SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100 ppm 50 ppm

- 4.2.2 There shall be no Process gas emission from the manufacturing process of proposed product plant as well as any other ancillary industrial operation.

- 4.2.3 Stack monitoring facilities like port hole, platform/ladder etc., shall be provided with stacks/vents chimney in order to facilitate sampling of gases being emitted into the atmosphere.

- 4.2.4 The concentration of the following parameters in the ambient air within the premises of the industry and a distance of 10 meters from the source other than the stack/vent shall not exceed the following levels:

PARAMETER	PERMISSIBLE LIMIT ANNUAL	PERMISSIBLE LIMIT 24 HRS. AVERAGE
Particulate matter <sub>10</sub> (PM10)	60 Microgram /NM <sup>3</sup>	100 Microgram /NM <sup>3</sup>
Particulate matter <sub>2.5</sub> (PM2.5)	40 Microgram /NM <sup>3</sup>	60 Microgram /NM <sup>3</sup>
Oxides of Sulphur	50 Microgram /NM <sup>3</sup>	80 Microgram /NM <sup>3</sup>
Oxides of Nitrogen	40 Microgram /NM <sup>3</sup>	80 Microgram /NM <sup>3</sup>



GPCB

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- 4.3 The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted / displayed to facilitate identification.
- 4.4 The Industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75 dB(A) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.

## **5. CONDITIONS UNDER HAZARDOUS WASTE:**

- 5.1 The applicant shall provide temporary storage facilities for each type of Haz Waste as per Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008 as amended from time to time.
- 5.2 The applicant shall be obtained membership of common TSDF site for disposal Haz. Waste as categorized in Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008 as amended from time to time.
- 5.3 The applicant shall obtained membership of common Haz Waste incinerator for disposal of incinerable waste.
- 5.4 Hazardous Waste generated shall be disposed off in accordance with the Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008 and unit shall have to obtain authorization of the Board for all applicable categories of Hazardous wastes.
- 5.5 The applicant shall obtained authorization for recovery / reuses of any Hazardous Waste material.

## **6. GENERAL CONDITIONS:**

- 6.1 Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 10 meters width is developed.
- 6.2 The applicant shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of water cess to the Board under the Water Cess Act- 1977.
- 6.3 In case of change of ownership/management the name and address of the new owners / partners / directors / proprietor should immediately be intimated to the Board.
- 6.4 The applicant shall however, not without the prior consent to operate of the Board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the Water Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986.
- 6.5 The applicant also comply with the General conditions as per Annexure - I attached herewith (No.1 to 38) (whichever applicable).
- 6.6 The concentration of Noise in ambient air within the premises of industrial unit shall not exceed following levels:

Between 6 A.M. and 10 P.M.: 75 dB (A)  
Between 10 P.M. and 6 A.M.: 70 dB (A)

- 6.7 Applicant is required to comply with the Manufacturing, Storage and Import of Hazardous Chemicals Rules-1989 framed under the Environment (Protection) Act-1986.

*(Signature)*

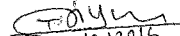
***Clean Gujarat Green Gujarat***

ISO - 9001 - 2008 & ISO - 14001 - 2004 Certified Organisation

6.8

If it is established by any competent authority that the damage is caused due to their industrial activities to any person or his property .in that case they are obliged to pay the compensation as determined by the competent authority.

For and on behalf of  
GUJARAT POLLUTION CONTROL BOARD

  
21/3/2016  
(Y.A. Tal)  
ENVIRONMENTAL ENGINEER

Outward No:349545,21/03/2016