



# 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.

In exercise of the power conferred under section-25of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution)Act-1981 and Authorization under "Hazardous Waste (Management, Handling & Transboundary Movement) Rule-2008."

And whereas Board has received consolidated application dated **12/03/2014** for the consolidated consent and authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts Consent & Authorization is hereby granted as under.

## CONSENT AND AUTHORISATION :

(Under the provisions / rules of the aforesaid environmental acts)

To,

**M/s. ORGANIC INDUSTRIES PVT LIMITED**

**PLOT NO: S/163, GIDC ESTATE,**

**DAHEJ, TAL: VAGRA,**

**DIST: BHARUCH.**

### 1. Consent Order No. : AWH-62742.

2. The consent under Water Act -1974 shall be valid up to **11/3/2019**.The consent under Air Act - 1981, and Authorization under Environment (Protection) Act, 1986 shall be valid up to **11/3/2019** to operate industrial plant for manufacture of the following products:

Sr.No.	Name of Products	Quantity (MT/Month)
1	Potassium Permanganate	700
2	Boric Acid Technical (All grades)	2000
3.	Borax Decahydrate (All grades)	700
4.	Di - sodium Octaborate Tetrahydrate	100
Total		3500
By Products		
1.	Manganese - silicon	455
2.	Gypsum	24000

### 3. CONDITIONS UNDER WATER ACT :

- 3.1 The quantity of total water consumption shall not exceed **338 KL/day**. (Break up as below).
- Domestic: - **33 KL/day**.
  - Industrial: -**285 KL/day**.
  - Gardening - **20 KL/day**.

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- 3.2 The quantity of total waste water generation shall not exceed **33 KL/day**. (Break up as below).  
a) Domestic - **10 KL/day**.  
b) Industrial - **23 KL/day**. (18 KL cooling + 5 KL Boiler)
- 3.3 The quantity of the industrial effluent from the manufacturing process and other ancillary industrial operation shall not exceed shall not exceed **23 KL/day** and the quantity of domestic waste water (sewage) shall not exceed **10 KL/day**.
- 3.4 **23 KL/day** of industrial effluent shall be reuse in process after adequate treatment.
- 3.5 There shall no discharge of industrial effluent from the manufacturing process & oter ancillary industrial operations anywhere on land or outside the premises.
- 3.6 The unit shall affix of water meters as per Section 4 (1) of the water (Prevention and Control of Pollution) Cess Act - 1977 for the purpose of measuring and recording the quantity of water consumed at such places as may be required, within 15 days and it shall be presumed that the quantity indicated by the meter has been consumed by the industry until the contrary is proved.
- 3.7 The unit shall provide flow meters/totalizers at the ETP outlet and on effluent reuse lines for measuring effluent generation, effluent reuse in plant, scrubber, dust suppression, plantation/gardening etc and maintain daily records of the same.
- 3.8 Proper logbook of the ETP operation also showing effluent discharge quality and quantity, reused effluent quality and quantity. Chemicals & power consumption etc. Shall be maintained and shall be furnished to the GPCB from time to time.
- 3.9 Sewage shall be disposed through soak pit/septic tank system.
- 3.10 The applicant shall not obtain GIDC drainage connection for the discharge of effluent in any case.

#### **4. TRADE EFFLUENT:-**

- 3.3.1 Sewage shall be disposed of through septic tank/soak pit system.

#### **5. CONDITIONS UNDER THE AIR ACT:-**

- 5.1 The following shall be used as fuel in boiler / furnace & heater respectively.

Sr.No.	Fuel	Quantity
1.	Coal	100 MT/day

- 5.2 The applicant shall install and operate a comprehensive adequate air pollution control measures in order to achieve prescribed standards.
- 5.3 The flue gas emission through stack attached to boiler / furnace shall conform to the following standards:

Stack No.	Stack Attached To	Stack Height in Meter	Air Pollution Control System	Parameter	Permissible Limit
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1.	Boiler	31 Mt (common stack)	Dust collector + Bag filter	Particulate matter SO <sub>2</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100 ppm 50 ppm
2.	Thermic fluid heater (2 nos)		Cyclone & Bag filter		

- 5.4 There shall be no process emission from the manufacturing process as well as any other ancillary operation.
- 5.5 Ambient air quality within the premises of the industry shall conform to the following Standards:

PARAMETER	PERMISSIBLE LIMIT
Suspended Particulate Matter ( size less than 10µm)or PM10 µg/m3**	100 microgram per cubic meter
Suspended Particulate Matter ( size less than 2.5 µm)or PM2.5 µg/m3**	60 microgram per cubic meter
Oxides Of Sulphur**	80 microgram per cubic meter
Oxides Of Nitrogen**	80 microgram per cubic meter

- 5.6 The applicant shall operate industrial plant / air pollution control equipment very efficiently and continuously so that the gaseous emission always conforms to the standards specified in condition no.5.3 & 5.5 above.
- 5.7 The consent to operate the industrial plant shall lapse if at any time the parameters of the gaseous emission are not within the tolerance limits specified in the condition no. no. 5.3 & 5.5 above.
- 5.8 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.
- 5.9 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.
6. **AUTHORISATION FOR THE MANAGEMENT & HANDLING OF HAZARDOUS WASTES Form-2 (See rule 3 (c) & 5 (5))**

Form for grant of authorization for occupier or operator handling hazardous waste

- 6.1 Number of authorization: **AWH-62742.**

**M/s. ORGANIC INDUSTRIES PVT LIMITED** is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated at **PLOT NO: S/163, GIDC ESTATE, DAHEJ, TAL: VAGRA, DIST: BHARUCH.**

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Sr. No.	Type of Waste	Category I	Quantity	Mode of Disposal
1	Discarded containers/barrel/carboys	33.3	1500 Nos/Year	Collection, Storage, Reuse sale to authorized vender.
2	Used Oil	5.1	0.6 KL/Year	Collection, Storage, Transportation, disposal by sale to registered re refiners.
3.	ETP sludge	34.3	0.6 MT/Year	Collection, Storage, Transportation, disposal at TSDF site of BELL.
4.	Resin from softening plant DM plant	34.2	450 lit/Year	Collection, Storage, Transportation, disposal at TSDF site of BELL.

- 6.2 The authorization is granted to operate a facility for collection, storage, within the factory premises, transportation and ultimate disposal of Hazardous wastes aTSDF developed by Bharuch Enviro Infrastructure Ltd.,
- 6.3 The authorization shall be in force for a period up to date 11/03/2019.
- 6.4 The Industry shall have to obtain all prior permissions form competent authority with reference to end /ultimate disposal of each type to waste including, NOC from concern state Authority for interstate transportations of the Hazardous Waste, as well as Authorization from respective State PCB/PCC.
- 6.5 The Industry shall have to comply with the specific condition of the terms and condition of Hazardous waste (M.H & TM) Ruls. 2008 given in Annerure-A.
- 6.5.1 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act-1986.
- 6.6 The application shall have to comply with the CPCB guidelines for co processing of incinerable waste as well as the guideline of Transportation of waste .The applicant shall have to up load Records / Real time data ,of the same and shall have to be displayed invariably by the unit online ,on their server and Xgn.
- 6.7 **TERMS AND CONDITIONS OF AUTHORISATION**
- 6.7.1 The applicant shall comply with the provisions of the Environment (Protection) Act - 1986 and the rules made there under.
- 6.7.2 The authorization shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.
- 6.7.3 The persons authorized shall not rent, lend, sell, and transfer of otherwise transport the hazardous wastes without obtaining prior permission of the Gujarat Pollution Control Board.
- 6.7.4 Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons authorized shall constitute a breach of this authorization.
- 6.7.5 It is the duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
- 6.7.6 An application for the renewal of an authorization shall be made as laid down in rule 5 (6) (ii).

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- 6.7.7 Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Court's order in W.P. No. 657 of 1995 dated 14<sup>th</sup> October 2003.
- 6.7.8 Industry shall have to display on-line data outside the main factory gate with regard to and nature of hazardous chemicals being handled in the plant, including waste water and air emission and solid hazardous waste generated within the factory premises.
- 6.8 Unit shall comply with the conditions no:9(iii) & 9(Vi) of CPCB guideline for management & Handling of phosphogypsum.

## 7 GENERAL CONDITIONS:-

- 7.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.
- 7.2 Applicant shall also comply with the general conditions given in annexure I.
- 7.3 The arrangement shall be made in each plant for drainage in such a way that all the quantity of effluent shall be taken to the central effluent treatment plant and no untreated waste water from any plant shall be discharged within the premises.
- 7.4 There shall be continuous flow recording devices for each plant to record the individual plant effluent going to the effluent treatment plant. There shall also be continuous flow recording devices at the inlet and outlet of the effluent treatment plant.
- 7.5 The Board reserves the right to review and /or revoke the consent and/ or make variations in the conditions which the Board deems fit at any later date taking into consideration the circumstances, in accordance with Section 27 of the Act.
- 7.6 In case of change of management the name and address of the new Directors shall immediately be intimated to the GPCB.
- 7.7 The consent granted shall lapse at any time if any parameters or any condition of this consent order are not complied with.

For and on behalf of  
Gujarat Pollution Control Board

(R. R. Vyas)

Environmental Engineer

NO.GPCB/BRCH/B-CCA-1229(2)/ID-30018/ 217717

ISSUED TO:

M/S. ORGANIC INDUSTRIES PVT LIMITED

PLOT NO: S/163, GIDC ESTATE,

DAHEJ, TAL: VAGRA,

DIST: BHARUCH.

DT 26/06/2014

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