



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382 010

Phone : (079) 23222425

(079) 23232152

Fax : (079) 23232156

Website : www.gpcb.gov.in

By R.P.A.D.

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution)-1981 and Authorization under rule 6(2) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, framed under the Environmental (Protection) Act-1986.

And whereas Board has received CC& A application inward no: 117456 dated 14/02/2017 for the Consolidated Consent and Authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts. Consents & Authorization are hereby granted as under:

CONSENTS AND AUTHORISATION:

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

To
✓ M/S. MOON DYECHEM INDUSTRIES,
PLOT NO. 788/4, 40 SHED AREA
GIDC ESTATE, VAPI- 396 195,
TAL- PARDI, DIST: VALSAD.

1. Consent Order No.: AWH- 85945, Date of issue: 10/05/2017.
2. The consents shall be valid up to 31/12/2021 for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacture of the following items/products:

Sr.No.	Product	Quantity (MT/Month)
1.	Ethyl/Carbonyl Pyridone (2 Pyridone)	7.5
2.	Metallic Sulphates	200

SPECIFIC CONDITION:

- Unit shall use fresh sulphuric acid as raw material

3. CONDITIONS UNDER THE WATER ACT:

- 3.1 The quantity of total water consumption shall not exceed 11.5 KLD as per below break up as mentioned in form D submitted for consent application under Water Act-1974. Source of fresh water shall be only GIDC supply.
 - a) Domestic: 3 KLD
 - b) Industrial: 8.5 KLD
- 3.2 The quantity of trade effluent discharge from the industry shall not exceed 5 KLD
- 3.3 The quantity of Sewage effluent from the industry shall not exceed 2 KLD.

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3.3 TRADE EFFLUENT

- 3.3.1 The treated effluent from the industrial unit shall conform to the CETP inlet norms mentioned in column No.2 as below:

PARAMETERS	CETP INLET NORMS
1.	2.
PH	6.5 TO 8.5
Temperature	40° C
Colour (pt.co scale) in units	*
Suspended Solids	300 mg/l
Oil and Grease	10 mg/l
Phenolic Compounds	1 mg/l
Cyanides	0.2 mg/l
Fluorides	2 mg/l
Sulphides	2 mg/l
Ammonical Nitrogen	50 mg/l
Arsenic	0.2 mg/l
Total Chromium	2 mg/l
Hexavalent Chromium	0.1 mg/l
Copper	3 mg/l
Lead	0.1 mg/l
Mercury	0.01 mg/l
Nickel	3 mg/l
Zinc	5 mg/l
Cadmium	2 mg/l
Iron	3 mg/l
BOD (5 days at 20°C)	400 mg/l
COD	1000 mg/l
Chlorides	600 mg/l
Sulphates	1000 mg/l
Total dissolved Solids	2100 mg/l

All efforts shall be made to remove color & unpleasant odor as far as practicable.

- 3.3.2 The final treated effluent conforming to the above standards shall be discharged into GIDC underground drainage system & shall ultimately be conveyed into tidal zone of river Damanganga through CETP VWEMCL, Vapi.
- 3.3.3 The applicant shall either stop or curtail their production activities if the effluent is not adequately treated by CETP or CETP is not in functional.
- 3.3.4 Domestic effluent shall be disposed off through septic tank/soak pit system.

4. CONDITIONS UNDER THE AIR ACT:

- 4.1 The following shall be used as fuel in Boilers & Hot Air Generator.

Amurao



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Sr. No.	Fuel	Quantity
1.	Natural Gas	2000 CU MTR/Month

- 4.2 The flue gas emission through stack attached to Steam Boilers shall conform to the following standards:

Stack no.	Stack attached to	Stack height in Meter	Air Pollution Control System	Parameter	Permissible Limit
1.	Boiler	11	-----	PM SO ₂	150 mg/NM ³ 100 ppm
2.	Hot Air Generator	11	-----	NO _x	50 ppm

- 4.3 There shall be no process emission from the manufacturing process as well as any other ancillary process.
- 4.4 The concentration of the following substances in the ambient air within the premises of the industry and at a distance of 10 meters from the source (other than the stack / vent with height of more than 9 meters from the ground level) shall not exceed the following levels:

Sr. No.	Pollutant	Time Weighted Average	Concentration in Ambient air in ug/M ³
1.	Sulphur Dioxide (SO ₂)	Annual 24 Hours	50 80
2.	Nitrogen Dioxide (NO ₂)	Annual 24 Hours	40 80
3.	Particulate Matter (Size less than 10 µm) OR PM ₁₀	Annual 24 Hours	60 100
4.	Particulate Matter (Size less than 2.5 µm) OR PM _{2.5}	Annual 24 Hours	40 60
5.	Carbon Monoxide (CO) mg/m ³	8 Hours 1 Hour	02 04

- 4.6 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.
- 4.7 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 75dB (a) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6 a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.

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5 **GENERAL CONDITIONS: -**

5.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.

6. **Authorization under Hazardous and Other Waste (Management and Transboundary Movement) Rules-2016, Form-2 (See rule 6(2))**

6.1 Number of authorization: **AWH- 85945, Date of issue: 10/05/2017.**

6.2 Reference of application No. **117456 and date: 14/02/2017.**

6.3 **M/s. MOON DYECHEM INDUSTRIES**, is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, reception, storage, transport, reuse, recycling, recovery, pre-processing, co-processing, utilization, treatment, disposal or any other use of hazardous or other wastes or both on the premises situated at **PLOT NO. 788/4, 40 SHED AREA GIDC ESTATE, VAPI- 396 195, TAL- PARDI, DIST: VALSAD.**

Details of Authorization:

Sl. No.	Category of Hazardous Waste as per the Schedules I, II and III of these rules	Authorized mode of disposal or recycling or utilisation or co-processing, etc.	Quantity (ton/annum)
1.	Schedule-I Discarded Containers	33.1 Collection, Storage, Transportation, Disposal by selling to authorized recycler.	9.6 MT/Yr
2.	Schedule-I ETP Waste	35.3 Collection, Storage, Transportation, Disposal at TSDF-VWEMCL	8.6 MT/Yr
3.	Schedule-II Inorganic Acids	B15 Collection, Storage, and using to manufacture of magnesium sulphate within premises.	700 MT/Yr
4.	Schedule-I Spent Carbon	28.2 Collection, Storage, Transportation, Disposal at TSDF-VWEMCL	0.6 MT/Yr

6.4 The Authorisation shall be valid for a period of **31/12/2021**.

6.5 The Authorisation is subject to the following general and specific conditions:

A. General Conditions under Hazardous and other Wastes (M&TM) Rules-2016

1. The Authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.

2. The Authorisation or its renewal shall be produced for inspection at the request of an officer Authorised by the State Pollution Control Board.

Signature



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3. The person Authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.
6. The person authorised 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 authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. 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 authorisation.
11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
12. An application for the renewal of an authorisation shall be made as laid down under these Rules.
13. 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.
14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

B. Specific Conditions (Whichever is applicable)

1. The authorised actual user of hazardous and other wastes shall maintain records of hazardous and other wastes purchased in a passbook issued by the State Pollution Control Board along with the authorisation.
2. Handing over of the hazardous and other wastes to the authorised actual user shall be only after making the entry into the passbook of the actual user.

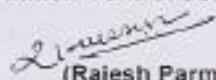
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3. In case of renewal of authorisation, a self-certified compliance report in respect of effluent, emission standards and the conditions specified in the authorization for hazardous and other wastes shall be submitted to SPCB.
4. The occupier of the facility shall comply Standard operating procedure/ guidelines published by MoEF&CC or CPCB or GPCB from time to time.
5. Unit shall comply provisions of E-Waste Management Rules-2016.

For and on behalf of
Gujarat Pollution Control Board


(Rajesh Parmar)
I/C Environmental Engineer

NO: GPCB/CCA-VSD-316/ID: 23942/823349

Issued to:

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PLOT NO. 788/4, 40 SHED AREA
GIDC ESTATE, VAPI- 396 195,
TAL- PARDI, DIST: VALSAD.

dt: 24/4/2019