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GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN
Sector-10-A, Gandhinagar-382 021.
Website : www.gpcb.gov.in

NO: GPCB/BRCH-CC&A- 105/ID-15338/321528
CCA NO: AWH-70204

By R.P.A.D.
DT: 20/07/2015

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) Act-1981 and Authorization under "Hazardous Waste (Management, Handling & Trans-boundary Movement) Rule-2008."

And whereas Board has received consolidated application dated **18/02/2015** and inward no **90106** for the consolidated consent and authorization (CC & A renewal) 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. MARUTI COLOURS,
PLOT NO: 1805,
GIDC ESTATE, ANKLESHWAR,
DIST. BHARUCH

1. Consent Order No. : AWH- 70204 date of Issue 07/05/2015.
2. The consent under Water Act -1974, The consent under Air Act - 1981 & Authorization under Environment (Protection) Act, 1986 **shall be valid up to 17/02/2020** to operate industrial plant for manufacture of the following products:

Sr No	Product name	MT
1	Pigment Rubine	1
2	Pigment Lake Red - C	1

3. CONDITION UNDER THE WATER ACT:

- 3.1 The quantity of total water consumption shall not exceed **4000 Lit/day**. (Break up as below).
 - a) Domestic: **1500 Lit/day**
 - b) Industrial: **2500 Lit/day**
- 3.2 The quantity of total waste water generation shall not exceed **2700 Lit/day**. (Break up as below).
 - a) Domestic: **1200 Lit/day**
 - b) Industrial: **1500 Lit/day**
- 3.3 Sewage shall be disposed of through septic tank/soak pit system.
- 3.4 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.

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3.5 TRADE EFFLUENT:

3.5.1 The industrial effluent shall conform to the following standards.

PARAMETERS	PERMISSIBLE LIMIT
pH	5.5 to 8.5
Temperature	40°C
Colour (pt.co.scale)	100 units
Total Suspended Solids	100 mg/l
Total dissolved solids	2100 mg/l
BOD (3 days at 27°C)	30 mg/l
COD	100 mg/l
Oil and Grease	10 mg/l
Phenolic Compounds	1 mg/l
Sulphides	0.5 mg/l
Ammonical Nitrogen	50 mg/l
Chlorides	600 mg/l
Sulphates	1000 mg/l
Cyanides	0.2 mg/l
Flourides	1.5 mg/l
Insecticides/Pesticides	Absent
Hexavelent Chromium	0.1 mg/l
Total Chromium	2.0 mg/l
Copper	2 mg/l
Nickel	3 mg/l
Zinc	5 mg/l
Mercury	0.01 mg/l
Lead	0.1 mg/l
Arsenic	0.2 mg/l
Cadmium	2.0 mg/l
Bio-assay test	90 % Survival of fish after 96 hours in 100 % effluent.

3.5.2 The effluent conforming to the above standards shall be discharged in to G.I.D.C. underground drainage system and conveyed to FETP which ultimately leads to deep Sea for final disposal through BEAIL pipeline.

3.5.3 The applicant shall have to make storage facilities to store the effluent for at least 48 hours in an impervious acid proof brick lining tank/HDPE tank.

3.5.4 The applicant shall have to keep accurate records of quality & quantity of effluent discharged to FETP on day-to-day basis. Separate logbook shall be maintained for recording the data & shall be made available for inspection as & when asked.

4. CONDITIONS UNDER THE AIR ACT:

4.1 The following shall be used as fuel in the boiler:

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Sr. No.	Fuel	Quantity
1	Fire Wood	150 KG/day

- 4.2 The applicant shall install & operate comprehensive adequate air pollution in order to achieve prescribed norms control system so as to achieve standards.
- 4.3 The flue gas emission through stack attached to boiler shall conform to the following standards:

Stack No.	Stack Attached To	Stack Height in Meter	Parameter	Permissible Limit
1.	Non IBR Boiler	10	Particulate matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm

- 4.4 There shall be no process emission from the manufacturing process as well as any other ancillary process.
- 4.5 The concentration of the following parameters in the ambient air within the premises of the industry shall not exceed the limits specified hereunder.

Sr.No.	PARAMETERS	PERMISSIBLE LIMIT (microgram /M ³)	
		Annual	24 Hours Average
1.	Particulate Matter (PM ₁₀)	60	100
2.	Particulate Matter (PM _{2.5})	40	60
3.	Oxides of Sulphur (SO _x)	50	80
4.	Oxides of Nitrogen (NO _x)	40	80

- Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.
 - 24 hourly or 08 hourly or 01 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.
- 4.6 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. 4.3 & 4.4 above.
- 4.7 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. 4.3 & 4.5 above.
- 4.8 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.
- 4.9 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.

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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.
5.2 Applicant shall also comply with the general conditions given in annexure I.

6. AUTHORISATION FOR THE MANAGEMENT & HANDLING OF HAZARDOUS WASTES Form-2 (See rule 3 (c) & 5 (5))

- 6.1 Number of authorization AWH-70204, Date of issue 07/05/2015.
6.2 M/s MARUTI COLOURS is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated at PLOT NO: 1805, GIDC ESTATE ANKLESHWAR, DIST. BHARUCH.

Sr. No.	Type of Waste	Quantity/ Month	Schedule - I	Facility
1	Spillage Material	600 KG	26.1	To be reused in the blending with the product.
2	Discarded Bags Drums	240 Nos. 24 Nos.	33.3	Collection, Storage, Reuse, Decontamination.
3	Sludge from ETP Carbon Tower	600 KG	26.2	To be sent at BEIL site.
4	Sludge from Carbon Tower	2400 KG		

- 6.2 The authorization is granted to operate a facility as above.
6.3 The authorization shall be in force for a period up to 17/02/2020.
6.4 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.

7. TERMS AND CONDITIONS OF AUTHORISATION:

- 7.1 The applicant shall comply with the provisions of the Environment (Protection) Act - 1986 and the rules made there under.
7.2 The authorization shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.
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.
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.

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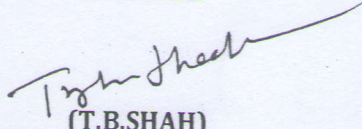
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- 7.5 It is the duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
- 7.6 An application for the renewal of an authorization shall be made as laid down in rule 5 (6) (ii).
- 7.7 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 14th October 2003.
- 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.
- 7.9 Industry shall have to manage waste oil, discarded containers etc., process waste as per Amended Rules - 2003 and shall apply Authorization for all applicable waste as per Amended Rules-2003 with 15 days.
- 7.10 Industry shall submit annual report within 15 days and subsequently by 31st January every Year.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD


(T.B.SHAH)
ENVIRONMENT ENGINEER