

# MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai- 400 022

Red/L.S.I

Date: 03/09/2013

Consent No: BO/JD (WPC)/EIC No. KN-4643-10/CC- 7424

Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundry Movement) Rules 2008

[To be referred as Water Act, Air Act and HW (M.H & TM) Rules respectively].

.....  
CONSENT is hereby granted to

M/s. VHM Industries,  
Indian Corporation, Gala No. 106,  
Anjur Phata, Dapode Road, Village Gundavali,  
Tal.-Bhiwandi Dist. Thane.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M,H & TM) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Operate is granted for a period up to: 31.01.2014.
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Cotton Fabrics Gray Cloth (Without Dyeing & Bleaching) 90 Looms with 400 Mtrs/Day/Per Loom	15.00 Lakhs.	Mtrs/M

### 3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed 14.00M<sup>3</sup>.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 4.00M<sup>3</sup>.

#### (iii) Trade Effluent :

Treatment: The applicant shall provide comprehensive treatment system consisting of primary / secondary and/or tertiary treatment as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards:

1	pH	Between	5.5 to 9.0	
2	Suspended Solids	Not to exceed	100	mg/l.
3	BOD 3 days 27 Deg. C.	Not to exceed	100	mg/l.
4	COD	Not to exceed	250	mg/l.
5	Oil & Grease	Not to exceed	10	mg/l.
6	Detergent	Not to exceed	02	mg/l.
7	R-Chlorine	Not to exceed	01	mg/l.
8	Total Dissolved Solids	Not to exceed	2100	mg/l.
9	Sulphates	Not to exceed	1000	mg/l.
10	Chlorides	Not to exceed	600	mg/l.
11	Zinc	Not to exceed	5.0	mg/l.

(iv) **Effluent Disposal:** The treated trade effluent shall be recycled to the maximum extent and remaining shall be used for gardening/irrigation within factory premises only.

(v) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

- (1) Suspended Solids Not to exceed 100 mg/l.  
(2) BOD 3 days 27o C. Not to exceed 100 mg/l.

(vi) **Sewage Effluent Disposal:** The treated effluent shall be recycled to the maximum extend and remaining shall be used for gardening/plantation within factory premises only.

(vii) **Non-Hazardous Solid Wastes:**

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1	Cotton Waste	5.00	MT/M	----	Sale to authorized party.
2	Coal ash	7.00	MT/M	----	Sale to bricks Mfg.

(viii) **Other Conditions:** Industry should monitor effluent quality regularly.

4. **The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under**

The daily water consumption for the following categories is as under:

- (i) Domestic purpose ... 10.00 CMD  
(ii) Water gets Polluted & Pollutants are Biodegradable ... 15.00 CMD  
(iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic ... 0.00 CMD  
(iv) Industrial Cooling, spraying in mine pits or boiler feed ... 5.00CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

## 5. CONDITIONS UNDER AIR ACT:

- (i) The applicant shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

### a) Control Equipment:

Industry shall provide dust collector of sufficient capacity to control the emissions.

### b) Standards for Stack Emissions:

- |                    |               |     |                    |
|--------------------|---------------|-----|--------------------|
| 1) TPM             | Not to exceed | 150 | mg/Nm <sup>3</sup> |
| 2) SO <sub>2</sub> | Not to exceed | 50  | kg/day             |

- (ii) The applicant shall observe the following fuel pattern:

Sr. No.	Type Of Fuel	Quantity	UOM
1	Coal	5.00	MT/day
2	HSD	25.00	Litr./day

- (iii) The applicant shall erect the chimney(s) of the following specifications:-

Sr. No.	Chimney Attached To	Height in Mtrs.
1	Boiler	33.00
2	D.G. Set (180 KVA)	5.0, above the roof of the building where it is installed.

- (iv) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- (v) 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 standard in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.

### (vi) Other Conditions:

- 1) The industry should not cause any nuisance in surrounding area.
- 2) The industry should monitor stack emissions and ambient air quality Regularly.

## 6. Conditions for D.G. Set

- a. Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
- b. Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the

ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.

- c. The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
- d. Industry should make efforts to bring **down** noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
- e. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- f. A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
- g. D.G. Set shall be operated only in case of power failure
- h. The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.

**7. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDRY MOVEMENT) RULES, 2008:**

- (i) The Industry shall handle hazardous wastes as specified below.

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
1	24.2 Chemical sludge from waste water treatment	10.00	Kg/day	CHWTSDF

- (ii) Treatment: - NIL

1. The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.
2. The industry should comply with the Hazardous Waste (M,H & TM) Rules, 2008.

- a. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- b. The unit has to display and maintain the data online outside the factory main gate in Marathi & English both on a 6'x4' display board in the manner and the report of the compliance along with photograph shall be submitted to this office & concerned Regional Office/ Sub Regional Office.

- c. It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008.
8. The industry shall submit Bank Guarantee of Rs. 5.0 /- Lakh towards operation & maintenance of pollution control system. The Bank Guarantee shall be submitted within 15 days to Regional Office Kalyan. The Bank Guarantee shall be valid for period up to: 31.05.2014.
9. The consent is issued pursuant to the decision of consent committee meeting held on 22.08.2013.
10. This consent shall not be construed as any exemption from obtaining necessary No Objection Certificate from the Govt. agencies as may deemed fit necessary.
11. The Board reserves the right to amend, revoke or add any condition in this consent and same shall be binding on the applicant.
12. The Capital investment of the industry is Rs. 73.02 Cr.

For and on behalf of the  
Maharashtra Pollution Control Board

(Rajeev Kumar Mital, IAS)  
Member Secretary

To,  
M/s. VHM Industries,  
Indian Corporation, Gala No. 106,  
Anjur Phata, Dapode Road, Village Gundavali,  
Tal.-Bhiwandi Dist.-Thane.

Copy to:-

- 1) Regional Officer M.P.C.B. Kalyan
- 2) Sub-Regional Officer Bhiwandi, for follow up.
- 3) CAO/Cess Wing.

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD No.	Date	Drawn On
1	300000	484766	25 Jun 2013	SBI Bank
2	50000	485012	16 Jul 2013	SBI Bank
3	25000	485161	24.07.2013	SBI Bank
4	16666	177348	13.08.2013	SBI Bank

\*The balance fees of Rs. 2,25,000/- , with the Board will be considered at the time of next renewal of consent.