


MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010437/24020781/24014701		Kalpataru Point, 2 nd - 4 th Fl.
Fax: 24098385 / 24023516		Opp. Cine Planet Cinema,
Website: http://mpcb.gov.in		Near Sion Circle, Sion (E)
E-mail: mpcb@vsnl.net		Mumbai-400 022.

Red/L.S.I

Date: 25/03/2013

Consent No: BO/JD(APC) /EIC No. KN-3559-12/O/CC/CA-2503

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 & Transboundary Movement) Rules 2008

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

CONSENT is hereby granted to

M/s. Viraj Profiles Ltd.,
Gut No. 110,111,114,116,118,119 and 120,
Village- Mahagaon. Tal. Palghar, 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) 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 31.5.2014.
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1.	Stainless Steel Bright Bars	40,000	T/Annum
2.	Stainless Steel Hexagon & Squares	8,000	T/Annum
3.	Wire Rods	96,000	T/Annum
4.	Fastener/ Threaded Bar	60,000	T/Annum
5.	Angle/Channel/Flats	48,000	T/Annum

3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed 575 M³.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 12 M³.

(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 quantity and operate and maintain the same continuously so as to achieve the quantity of the treated effluent to the following standards:

Sr. N.	Parameter		Limits
1	pH	Between	5.5 to 9.0
2	BOD 3 days	Not to exceed	100 mg/l
3	COD	Not to exceed	250 mg/l
4	Oil & Grease	Not to exceed	10 mg/l
5	Suspended Solids	Not to exceed	100 mg/l.
6	Chlorides	Not to exceed	600 mg/l.
7	TDS	Not to exceed	2100 mg/l
8	Sulphates	Not to exceed	1000 mg/l

(iv) **Trade Effluent Disposal:**

The treated effluent should be soaked in a soak pit which shall be got cleaned periodically. Overflow, if any, shall be connected to the sewerage system provided by MIDC.

(v) **Sewage Effluent Treatment:** The applicant should operate 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 domestic effluent should be soaked in a soak pit, which shall be got cleaned periodically. Overflow, if any, shall be used on land for gardening / plantation only.

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

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1.	Scrap	15	T/M		Resale/Recycle

(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	...	15.0 CMD
(ii) Industrial Processing generating Biodegradable waste water	...	580 CMD
(iii) Industrial Processing generating Non-Biodegradable waste water, Dust suppression	...	00.0 CMD
(iv) Industrial Cooling/Boiler	...	10.0 CMD
(v) Agriculture / Gardening	...	10.0 CMD

The applicant should 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 should operate 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:

1. Fume extraction system followed by scrubber of sufficient capacity shall be provided to pickling section & all other source of gaseous emission
2. Fume extraction system followed by Dust collector of sufficient capacity shall be provided all dust generating locations and shall be operated properly and continuously.
3. There shall not be any fugitive emission.

Standards for Emissions of Air Pollutants:

(i)	SPM/TPM	Not to exceed	150	mg/Nm ³
(ii)	SO ₂	Not to exceed	0.64	Kg/day

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

Sr. No.	Type Of Fuel	Quantity	UOM
1.	FO/LDO	8.0	KL/D

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1.	Annealing Furnace	30
2.	Furnace (Reheating Furnace)	21
3.	Shot blasting machine/furnace	20
4.	Thermic Fluid heater	20
5.	Scrubber	15
6.	DG Set (1250 KVA)	02

- (iii) The applicant should 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.

(iv) The industry should 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 UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDRY MOVEMENT) RULES, 2008:

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

Sr. No.	Item No. of process generating HW as per Schedule-	Type of Waste	UOM	Disposal
1	12.1	Acid Residue		
2	12.9	Chemical sludge from waste water treatment	10.1 T/M	CHWTSDF

(ii) Treatment: - NIL

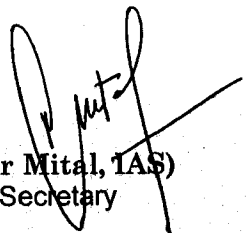
1. The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.
2. The industry should comply with the HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDRY MOVEMENT) RULES, 2008
 - a. The unit has to display and maintain the data online outside 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.
 - b. It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDRY MOVEMENT) RULES, 2008 and shown & submitted to the Board as & when asked for.
7. 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.

8. Industry shall comply with following additional conditions:

- i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
- ii. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
- iii. Solid waste – The non hazardous solid waste arising in the factory premises, sweepings, etc., be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal to dumping ground.
- iv. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- v. The applicant shall not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent / emissions or hazardous wastes or

control equipments provided for without previous written permission of the Board.

- vi. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
 - vii. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
 - viii. The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
 - ix. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
 - x. The applicant shall install a separate electric meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
 - xi. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes / sewers down-stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection System.
 - xii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
9. This consent should not be constructed as exemption from obtaining necessary NOC from any other Government agencies as may be deemed fit necessary.
 10. This is issued with approval of Consent Appraisal Committee meeting of the Board held on 12.03.2013.
 11. The industry shall submit the Bank Guarantee of Rs. 10,00,000/- within 15 days period at Regional Officer Thane.
 12. The industry shall submit the Fresh Bank Guarantee of Rs. 10,00,000/- towards O & M of pollution control system so as to achieve consented standards at Regional Officer Thane within 15 Days.
 11. The Capital investment of the industry is Rs 186/-Cr.


(Rajeev Kumar Mital, IAS)
Member Secretary

To,
M/s Viraj Profiles Ltd.,
Gut No. 110,111,114,116,118,119 and 120,
Village- Mahagaon, Tal. Palghar, Dist. Thane.

Copy to:

RO- MPCB Thane/SRO-MPCB Tarapur-II

They are directed to Forfeit the BG of Rs. 5,00,000/- out of existing BG of Rs. 10,00,000/- & topup with existing BG of Rs. 10,00,000/- and directed to obtain the fresh BG of Rs. 10,00,000/- (Total BG 20 Lakhs). and submit the compliance and present status report accordingly.

CAO/Cess Branch/Master File

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	11,88,452/-	533157	28/1/2012	Andhra Bank
2	8,90,888/-	517363	24/01/2013	Andhra Bank

* Balance Consent fee from the Board of Rs. 9,92,000/- will be consider in next renewal of consent.

Maharashtra Pollution Control Board