

# MAHARASHTRA POLLUTION CONTROL BOARD

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Opp. Cineplanet,  
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Mumbai - 400 022.

RED/LSI EIC No. RD-2093-11

Consent No.MPCBHQ/AS(T)/Raigad/Establish(expansion)/CC- 74

Date: 13/12/2011

Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution ) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and 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 & TM) Rules respectively].

CONSENT is hereby granted to,

**M/s Dujodwala Products Ltd.,**  
Vill-Kumbhivali, Tal-Khalapur,  
Dist. - Raigad.

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 Establish is granted for a period up to –Commissioning of the unit or 5 year whichever is earlier.

**“Consent to Establish will be operational only after obtaining Environmental Clearance from Competent Authority by the applicant and subject to the compliance of conditions stipulated in an Environmental Clearance including conditions which may be more stringent, if stipulated by / in the Environmental Clearance.”**

2. The Consent is valid for manufacturing of –

Sr. No.	Products	Max. Qty.(MT/M)
1	Alphapinene (95%)	200
2	Polyester Resin	100
3	Phenolic Resin	800
4	Alkyd Resin	300
5	Coating	500
6	Rosin Ester	150
7	Maleic Modified Resin	75
8	Phenolic Modified Resin	75
9	PVC Chemicals	500
10	Camphene	200
11	Dipentene	350
12	Ketonic Resin	100
13	Polyamide Resin	100

3. **CONDITIONS UNDER WATER ACT:**

- (i) The daily quantity of trade effluent from the factory should not exceed 23 M<sup>3</sup>.
- (ii) The daily quantity of sewage effluent from the factory should not exceed 1.6 M<sup>3</sup>.

(iii) **Trade Effluent Treatment:** The applicant shall operate comprehensive treatment system consisting of primary and secondary 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:

		Between	6.5 to 8.5
1.	pH	Not to exceed	100 mg/l
2.	Suspended Solids	Not to exceed	100 mg/l
3.	BOD 3 days 27 Deg. C	Not to exceed	250 mg/l
4.	COD	Not to exceed	10 mg/l
5.	Oil & Grease	Not to exceed	2100 mg/l
6.	TDS	Not to exceed	600 mg/l
7.	Chlorides	Not to exceed	1000 mg/l
8.	Sulphates	Not to exceed	50 mg/l
9.	T.A.N.	Not to exceed	5 mg/l
10.	Phenolic compounds		

(iv) **Trade Effluent Disposal:** The treated effluent shall be sent to PRIA- CETP. In no case, trade effluent shall find its way to local nalla.

(v) **Sewage Effluent Treatment:** The applicant should operate comprehensive treatment system as is warranted with reference to influent quality 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 27 Deg. C.	Not to exceed	100 mg/l.

(v) **Sewage Effluent Disposal:** The treated sewage effluent should be soaked into soak pit which should be got cleaned periodically. Overflow, if any shall be connected to the sewerage system provided by MIDC.

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

<u>Sr. No</u>	<u>Type of waste</u>	<u>Quantity</u>	<u>Treatment &amp; Disposal</u>
1.	Fly ash	20 MT/M	Sale to brick/ cement mfg units.

(vii) **Other conditions:** The industry should monitor effluent quality regularly from MoEF approved laboratory.

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

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

i	Domestic	2	CMD
ii	Industrial Processing	4.0	CMD
iii	Industrial Cooling	30.0	CMD
iv	Agriculture / Gardening	0.1	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 maintain the same continuously so as to achieve the level of pollutants to the following standards:

**Control Equipment:** Dust collector & Wet Scrubber of sufficient capacity shall be provided to control the air emission.

(i) **Standards for Emissions of Air Pollutants:**

1	SPM/TPM	Not to exceed	150	mg/Nm <sup>3</sup>
2	SO <sub>2</sub>	Not to exceed	1.2	Kg/day
3	HCl (process)	Not to exceed	35	mg/Nm <sup>3</sup>
4	VOC	Not to exceed		

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

<u>Sr. No.</u>	<u>Type of Fuel</u>	<u>Quantity</u>
1.	Coal	540 Kg/hr

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

Sr. No.	Chimney attached to	Height (in meters)
1	Coal fired Boiler ( 10 TPH)	33

(iv) The applicant should provide ports in the chimney/(s) and facilitates such as ladder, platform etc. For monitoring the air emissions and the same should be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission should be designated by numbers such as S-1, S-2, etc. And these should be painted / displayed to facilitate identification.

(v) The industry should take adequate measures for control for 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 p.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 HW (M,H & T M ) RULES, 2008 :

The applicant should handle hazardous wastes as specified below:

Sr. No.	Item No.of process substance generating HW as per Schedule-I/II	Type of Waste	Quantity	Disposal
1	23.1	Wastes/residue	1 MT/year	CHWTSDF
2	34.3	Chemical sludge from waste water treatment	1 MT/year	CHWTSDF

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 should 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 should be stopped.

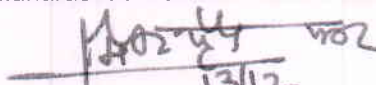
#### 8. General Conditions:

- (i) The applicant should bring minimum 33% of the available open land under green coverage/ plantation. The applicant should submit a yearly statement by 30<sup>th</sup> September every year on available open plot area, no. of trees surviving as on 31<sup>st</sup> March of the year and no. of trees planted by September end.
- (ii) The applicant should provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the applicant and operate the same in case of power failure to maintain compliance with the terms and conditions of the consent. In the absence of same, the applicant should stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- (iii) The applicant should make an application for renewal of the consent at least 60 days before the date of the expiry of the consent. The applicant should 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.
- (iv) The firm should submit MPCB, the Environmental Statement Report for the financial year ending 31<sup>st</sup> March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992 before 30<sup>th</sup> September every year.
- (v) The applicant should install a separate 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 should be maintained. The applicant should also submit a comparative statement of designed power and chemical consumptions vis-a vis actual power and chemical consumption along with Environmental statement.

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- (v) Separate drainage system should be provided for collection of trade and sewage effluents. Terminal manholes should be provided at the end of collection system with arrangement for measuring the flow. No effluent should be admitted in the pipes/sewers down- stream of the terminal manholes. No effluent should find its way other than in designed and provided collection system. Neither storm water nor discharge from other premises should be allowed to mix with the effluents from the factory.
- (vi) The applicant should 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 should pay to the Board for the services rendered in this behalf. An inspection book should be opened and made available to the Board's officers during their visit to the applicant.
- (vii) The industry should ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- (ix) The applicant should maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
10. The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the production activity.
11. The applicant should not take any effective steps for implementation of the project before obtaining Environmental Clearance as per EIA Notification 2006 and amendments thereto. If any non-compliance of the conditions of consent to establish observed, the Board will initiate appropriate legal action including forfeiture of Bank Guarantee, revocation of Consent & further action.
12. This consent should not be construed as exemption from obtaining necessary NOC from any other Government agencies as may deemed fit necessary.
13. This is issued with recommendation of Consent Committee Meeting held on 28.11.2011 of the Board and with the approval of Hon'ble Chairman of the Board.
14. This Board reserves the right to revoke, amend or add any conditions in this consent and the same shall be binding on the Applicant.
15. Capital Investment of the industry is Rs. 74.69 Crs.

For and On Behalf of the  
Maharashtra Pollution Control Board,

  
13/12  
(Milind Mhaiskar, IAS)  
Member Secretary

To,  
M/s Dujodwala Products Ltd.,  
Vill-Kumbhivali, Tal-Khalapur,  
Dist.- Raigad.

Copy to : RO-Raigad / SRO-Raigad-I / CAO/ Cess Wing

Consent Fee Received:

Amount	D.D. No.	Date	Bank Name
Rs. 50,100/-	000385	22/06/2011	Sarawat Co-op bank