

# MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai - 400 022

Consent order No: -Format 1.0/BO/AS(T)/TN-6327 -16/CC Cell/R/CC- 9454  
Date- 26/07/2016

To,  
M/s Esteem Industries Pvt. Ltd.,  
S. No. 170 & 256, Plot No. 1 & 3, Gut No. 189/1, 189/2,  
191/2, 191/6, 194, Village Alonde, Tal. Vikramgad, h,  
Dist. Palghar, Pin - 401 605.

Subject: Renewal of Consent to Operate with increase in Capital investment under  
Red/LSI category.

Ref.: 1. Earlier Consent to Operate granted vide Consent no. MPCB/ROT/  
Amendment/TR-II/1178/34 dtd.07/06/2013.

2. Minutes of CC meeting held on 19/07/2016.

Your application No. CR1604000502

Dated: 16/06/2016

For: Grant of 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 under Rule 5 of the Hazardous  
Wastes (M, H & T M) Rules 2008 is considered and the consent is hereby granted  
subject to the following terms and conditions and as detailed in the schedule I, II,  
III & IV annexed to this order:

1. The consent is granted for a period upto 31/03/2021.
2. The capital investment of the industry is Rs. 40.01 Crs. (as per C.A. Certificate  
submitted by industry).
3. The Consent is valid for the manufacture of the following products -

Sr. No.	Product Name	Maximum Quantity (MT/A)
1	Surface active agents (auxiliaries)	1,200
2	Emulsifiers	2,000
3	Auxiliaries paper	1,400
4	Auxiliaries textiles & leather	200
5	Carbamates	400
6	Amine function compounds	200
7	Auxiliaries Inorganic Compounds	100
8	Finishing Agents	1,000
9	Other Polyethenrs (ethers)	400
10	Emulsifier for Tanning	1,400
11	Softeners	2,000
12	Coning Oil	200
13	Lacquer Emulsion	400
14	Fat Liquor for leather	400
15	Detergent Powder	200
16	Liquid Detergents	200

17	Ethoxylates (auxiliaries)	
18	Propoxylates (auxiliaries)	8,000
19	E.O., P.O. Block Polymers (auxiliaries)	1,200
20	Textile auxiliaries	1,000
21	Cosmetic Chemicals/ Emulsifiers	1,700
22	Paper Chemicals (fine chemicals)	200
		200

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. No.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	35.0	As per Schedule -I	Recycle/ reuse into process and for cooling tower back-up water upto maximum extent and for gardening within premise
2.	Domestic effluent	5.5	As per Schedule -I	Overflow from Soak pit applied on land for gardening

5. Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr. No.	Description of stack / source	Number of Stack	Standards to be achieved
1	Boiler	2	As per Schedule -II
2	DG Sets (300 & 500 KVA)	2	As per Schedule -II

6. Conditions under Hazardous Waste (M,H & TM) Rules, 2008 for treatment and disposal of hazardous waste:

1) The Industry shall handle hazardous wastes as specified below:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
1	Used/ Spent Oil	5.1	0.2	KL/A	-	Sale to Auth Party/ CHWTSDF
2	Discarded Containers		50	Nos./M	Decontamination	
3	Contaminated Plastic Bags		10	Kg/M		
4	Contaminated Broken Glass wares	33.3	5	Kg/M		
5	ETP sludge	34.3	1.91	MT/A	-	CHWTSDF

7. Conditions under e-waste (M&H) Rules, 2011 for treatment and disposal of hazardous waste:

1) The Industry shall handle e-wastes as specified below:

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1	e-waste	5.0	Kg/M	-	Auth. e-waste Collection Centre/ Dismantler/ Recycler

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8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. The applicant shall not carry out expansion of the industry without obtaining prior permission of the Board.
11. The applicant shall submit Company's Board Resolution that it will not violate Environmental Laws in future within 15 days from the date of issue of the Consent.

For and on behalf of the  
Maharashtra Pollution Control Board

*(P.K. Mirashe)*  
Member Secretary

Received Consent fee of -

Sr. No.	Amount (Rs.)	DD / RTGS No.	Date	Drawn On
1	Rs. 3,25,100/-	515515	17/11/2015	Canara Bank
2	Rs. 3,75,000/-	92016041100083748	11/04/2016	Saraswat Co.Op. Bank

Copy to:

1. Regional Officer (Thane)/ Sub-Regional Officer (Tarapur-II), M.P.C. Board.  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk - for record & website uploading purpose.

### Schedule-I

#### Terms & conditions for compliance of Water Pollution Control:

1) A] As per your application, you have provided Effluent Treatment Plant (ETP) and increase designed capacity to 75 CMD consisting of primary, secondary & tertiary level treatment for the treatment of additional 35 CMD of industrial effluent.

B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent:

Sr. No.	Parameters	Standards prescribed by Board (If any)
	<b>I. Compulsory Parameters</b>	<b>Limiting Concentration in mg/l, except for pH</b>
01	pH	6.5 to 8.5
02	Oil & Grease	10 mg/l.
03	BOD (3 days 27oC )	100 mg/l.
04	Total Dissolved Solids	2100 mg/l.
	<b>II Additional Parameters</b>	
05	Suspended Solids	100 mg/l.
06	COD	250 mg/l.

C] The treated effluent shall be recycled/ reused into process and for cooling tower back-up water upto maximum extent and remaining shall be applied on land for gardening. In no case, effluent shall find its way outside Company's premise.

2) A] As per your consent application, you have provided the septic tank followed by soak pit for the treatment of 5.5 CMD sewage. Overflow, if any shall be applied on land for gardening purpose within premise.

B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

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

C] The treated sewage shall be recycled/ reused for irrigation/gardening purpose. In no case, sewage shall find its way outside Company's premise.

3) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system and/ or extension or addition thereto.

4) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

5) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said act.

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	35

2.	Domestic purpose	8
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	35
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	---
5.	Others	---
	i) Gardening	30

- 6) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

Maharashtra Pollution Control Board

## Schedule-II

### Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to install the Air pollution control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Qty. & UoM	S %	SO <sub>2</sub> Kg/Day
1	Boiler-I	Dust Collector	30	Briquette or Coal	450 Kg/Hr	--	108
2	Boiler-II					--	43.2
3	D.G. Sets (300 KVA)	--	3.5 (above the roof)	HSD	100 Ltrs/Hr	--	42.0
4	D.G. Sets (500 KVA)	--	4.5 (above the roof)				

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup>
SO <sub>2</sub> (Boiler-Coal fuel)	Not to exceed	108 Kg/day
SO <sub>2</sub> (Boiler-Briquette fuel)	Not to exceed	43.2 Kg/day
SO <sub>2</sub> (D.G. Sets)	Not to exceed	42 Kg/day

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

## Schedule-III

### Details of Bank Guarantees in force

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to O	Rs. 2.0 Lakh	Within 15 days	Towards submission of Company's Board Resolution	Immediate	Upto 30/09/2016
2	C to O	Rs. 5.0 Lakh	Within 15 days	Towards operation and maintenance of pollution control systems	Upto 31/03/2021	Upto 31/07/2021

The applicant shall furnish an irrevocable Bank Guarantees of Rs. 2.0 Lakh & Rs. 5.0 Lakh in the Regional Office, Thane with the validity upto 30/09/2016 & upto 31/07/2021 towards submission of Company's Board Resolution and towards O&M of pollution control systems.

*[Handwritten Signature]*

#### Schedule-IV

##### General Conditions:

- 1) The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) If the MIDC pipeline is broken/ overflowing chamber, in such cases industry shall not discharge their treated effluent into MIDC drain, it shall be sent to CETP by tanker.
- 3) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 4) 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.
- 5) 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.
- 6) The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed 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 and conditions of this consent.
- 7) 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.
- 8) The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the HW(MH&TM) Rules 2008, which can be recycled/ processed/ reused/ recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 9) The industry should comply with the Hazardous Waste (M,H & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazardous Waste (M,H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30<sup>th</sup> June of every year.
- 10) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 11) The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
- 12) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act,1981 and Environmental Protection Act,1986 and industry specific standard under EP Rules 1986 which are available on MPCB website([www.mpcb.gov.in](http://www.mpcb.gov.in)).
- 13) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 14) Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- 15) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 16) The applicant shall 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 shall be maintained.

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