

MAHARASHTRA POLLUTION CONTROL BOARD

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KALPATARU POINT, 3rd Floor,
Sion-Matunga Scheme Road No.8,
Opp. Sion Circle, Sion (East)
Mumbai-400 022.

Red/MSI

Consent No. BO/AS(T)/EIC No.TN-4864-14/R/GEN⁰²²³ Date: 8 / 1 / 2014.

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 LOBA Chemie Pvt. Ltd.,
Plot No. D-22, MIDC Tarapur, Boisar,
Tal. Palghar, Dist. Thane-401 506.

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 upto 31/12/2017.
2. The Consent is valid for the activity of reprocessing and repacking of-

Sr.No.	Product	Qty	
		Solid/Powder (Kgs/M)	Liquid (Ltrs/M)
1	Absorption Indicator	850	850
2	Alkaloids	1,700	
3	Amino Acid	1,700	
4	Antioxidants	1,700	
5	Biochemical	850	850
6	Biological Buffers	850	850
7	Biological Stains (Certified)	850	850
8	Biotechnology Product	850	850
9	Buffer Substances	850	850
10	Carbohydrates	1,700	
11	Cell Diagnostics and Accessories	850	850
12	Chromatography Media	1,700	
13	Culture Media Base Material	850	850
14	Dyes and Indicators	850	850
15	Electrophoresis Products	1,700	
16	Embedding Media	850	850
17	High Purity Acids	850	850
18	Metals (Granular, Foil and Powder)	1,700	
19	Microbiology	850	850

20	Molecular Microbiology	850	850
21	Parrafin Wax	1,700	
22	pH Indicator (Paper/ Roll/ Solution)	850	850
23	Scintillation Chemicals	850	850
24	Silver Compound	850	850
25	Spectrophotometric Reagents	850	850
26	Tetrazolium Salt	1,700	
27	Thin Layer Chromatography	1,700	
28	Vitamins	1,700	
29	Culture Media Supplements	850	850
30	Ion Exchange Resins	1,700	
31	IR Spectroscopy	1,700	
32	Phase Transfer Reagents	850	850
33	Plant Growth Regulator	850	850
34	Preparative Column Chromatography	1,700	
35	Rare Earth Oxides & Salts	1,700	
36	Reagents for Detection of Metal Ions	1,700	
37	Colorimetric Reagents		1,700
38	Reagents for Organic Synthesis		1,700
39	Red ox Indicators		1,700
40	Solvents for Synthesis/GR/UV/HPLC		1,700
41	Stain for Histology		1,700
42	Volumetric Solution (Ready to Use)		1,700
43	Cleaning Agents		1,700
44	Complex Metric Reagents		1,700
45	High Purity Solvents and Reagents		1,700
46	HPLC Fischer Reagents		1,700
Total		44,200	34,000

3. CONDITIONS UNDER WATER (Prevention & Control of Pollution) ACT, 1974:

- (i) The daily quantity of trade effluent from the factory shall not exceed 2.0 m³ /day (should be recycled 100% to achieve zero liquid discharge by providing Evaporator).
- (ii) The quantity of sewage effluent from the premise shall not exceed 10.0 m³ /day.
- (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 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)	Total Dissolved Solids	Not to exceed	2100 mg/l.
(7)	Sulphates	Not to exceed	1000 mg/l.
(8)	Chlorides	Not to exceed	600 mg/l.
(9)	Iron	Not to exceed	3 mg/l.
(10)	Zinc	Not to exceed	5 mg/l.

(iv) **Trade Effluent Disposal:** The treated effluent shall be recycled 100% in the process, utility services etc. Industry shall achieve **zero liquid discharge** and there shall not be any discharge outside company's premise.

(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 27 Deg. C.	Not to exceed	100	mg/l.

(vi) **Sewage Effluent Disposal:** The treated sewage shall be soaked into soak pit which shall be got cleaned periodically. Overflow if any shall be disposed into CETP.

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

Type of waste	Quantity	Treatment	Disposal
1. Empty Drums, HDPE Fibre Drums, Plastic Bags & Packing Matl.	50 Kg/M	--	Sale after decontamination

(vii) **Other Conditions:** The firm shall 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 thereunder:

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

(i) Domestic	...	4.0 CMD
(ii) Industrial	...	17.0 CMD
(iii) Industrial Cooling/Boiler	...	9.0 CMD
(iv) Gardening	...	50.0 CMD

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 (Prevention & Control of Pollution) ACT, 1981:**

(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:

Control Equipment: The firm shall provide scrubbers of sufficient capacity wherever necessary to control the emissions and shall be operated & maintained properly.

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

(i)	SPM/TPM	Not to exceed	150 mg/Nm ³
(ii)	SO ₂ (for Baby Boiler)	Not to exceed	7.6 Kg/day
(iii)	SO ₂ (for D.G. Set)	Not to exceed	8.4 Kg/day
(iv)	Acid Mist / HCl	Not to exceed	35 mg/Nm ³

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

Sr.No.	Type of Fuel	Quantity
1.	LDO	10.0 Ltrs/Hr.
2.	Diesel	20.0 Ltrs/Hr.

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

Sr.No.	Chimney attached to	Height in Mtrs.
1.	Baby Boiler	13 mtrs.
2.	Scrubber	11 mtrs.
3.	D.G. Set (75 KVA)	4.0 mtrs above roof.

- (v) 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.
- (vi) 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.
- (vii) **Other Conditions:**
- 1) The firm shall 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) RULES, 1989 & AMENDMENT RULES, 2008:

- (i) The applicant shall 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	34.3	ETP Sludge	30 Kg/M	CHWTSDF

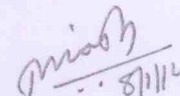
7. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.

8. General conditions:

- (i) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, no. of trees surviving as on 31st March of the year and no. of trees planted by September end.
- (ii) The applicant shall 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 shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution level.
- (iii) **The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.** 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.
- (iv) The firm shall submit MPCB, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992 before 30th September every year.
- (v) The applicant shall install a separate meter showing the consumption of energy for operation of industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained. The applicant shall also submit a comparative statement of designed power and chemical

consumptions vis-a vis actual power and chemical consumption alongwith Environmental statement.

- (vi) Separate drainage system shall be provided for collection of sewage effluents. No effluent shall find its way other than in designed and provided collection system. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the industry.
- (vii) The applicant shall provide facility for collection of environmental samples and samples of sewage effluents and air emissions wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- (viii) The firm shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the industry premises.
- (ix) 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.
9. This Board reserves the right to amend, revoke or add any conditions in this consent and same shall be binding on the applicant.
10. This consent should not be construed as exemption from obtaining necessary NOC from any other Government agencies as may deemed fit necessary.
11. The applicant shall not carry out expansion of the industry without prior permission of the Board.
12. The existing pollution load of the industry shall not increase due to reprocessing and repacking activities of Laboratory Chemicals.
13. The applicant shall submit an irrevocable Bank Guarantee of Rs. 2.0 Lakh in the Regional Office, Thane within 15 days from the date of issue of the Consent towards O&M of pollution control systems & towards compliance of the Consent conditions.
14. This Consent is issued with the overriding effect on earlier Consent granted by the Board vide Consent No. MPC/ROT/R/27 dtd. 15/05/2010 and Consent No. MPC/ROT/C/TR-128/05 dtd. 04/06/2011.
15. The capital investment of the industry is Rs. 24.17 Crores.


(P.K. Mirashe)
Assistant Secretary (Tech.)

To,
M/s LOBA Chemie Pvt. Ltd.,
Plot No. D-22, MIDC Tarapur, Boisar,
Tal. Palghar, Dist. Thane-401 506.

Copy to:

- 1) Regional Officer, MPCB, Thane;
2) Sub-Regional Officer (Tarapur-I), MPCB, Thane;
3) Chief Accounts Officer, MPCB, Mumbai.

Received Consent fee of -

Amount	DD No.	Date	Drawn on
Rs. 50,000/-	121896	23/07/2013	HDFC Bank.
Rs. 75,500/-	007462	19/11/2013	HDFC Bank.
Rs. 75,000/-	007463	19/11/2013	HDFC Bank.

- 4) Cess Branch, MPCB; 5) Master file.