

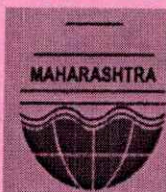
# MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 0251-2310167 /2310212

Fax : 0251-2310192

Email : rokalyan@mpcb.gov.in

Visit At : <http://mpcb.gov.in>



Sidhivinayak Sankul,  
3rd floor, Near Oak Baug,  
Station Road,

Kalyan - 421301

RED/S.S.I

Date: 06/03/2019

Consent No: MPCB/19/ 163 / 1903000199

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 6 of the Hazardous & Other Wastes (Management & Transboundary) Rules 2016

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

Renewal of Consent to Operate is hereby granted to :-

M/s. Indo Amines Ltd.,  
Plot No. W-35, MIDC Phase-II,  
Dombivali, Dist. Thane

Located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of H&OW (M&T) 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 from a period 01/09/2018 to 31/08/2023.
2. The Consent is valid for the manufacture of -

S. No.	Product Name	Max. Qty	UOM
1	Para Methoxy Benzyl Alcohol (PMB Alcohol)	9.0	MT/M
2	Propionitrile	13.0	MT/M
3	1-Methyl Cyclohexane (1-MCH)	5.0	MT/M
4	4-Methyl Phenyl Acetonitrile (4- MPAN)	25.0	MT/M
5	Tricetin	5.0	MT/M
6	P-Methoxy Phenyl Acetic Acid (PMPAA)	2.0	MT/M
7	2-Methyl Cyclohexyl Acetate (2- MCA)	5.0	MT/M
8	Valeronitrile	10.0	MT/M
9	2-Ethyl Anthraquinone (2-EAQ)	5.0	MT/M
10	Isophorone Diamine (IPDN)	25.0	MT/M
11	Ortho Tertiary Butyl Cyclohexanol (OTBCYNOL)	1.0	MT/M
12	Para Tertiary Butyl Cyclohexanol (PTBCYNOL)	1.0	MT/M
13	Ortho Tertiary Butyl Cyclohexyl Acetate (OTBCHA)	1.0	MT/M
14	Para Tertiary Butyl Cyclohexyl Acetate (PTBCHA)	1.0	MT/M
15	Para Methoxy Benzyl Amine (PMB Amine)	9.0	MT/M
16	Di Iso Butyl Carbinol (DIBC)	5.0	MT/M

#### By Products

1	Dilute Acetic Acid	2.0	MT/M
2	Low Amine Product	8.0	MT/M
3	Spent Mix Solvent	10.0	MT/M

As per the letter submitted vide dtd. 26/02/2019 By Products shall be sale to M/s. Premier Petrochme, Village Dheku, Tal. Khalapur, Dist. Raigad,



M/s. Shalimar Petrochem, Vapi, Tal. Pardi, Dist. Valsad, M/s. S.S. Bhosale Enterprises, Mahad Indl. Area, Tal. Mahad, Dist. Raigad, M/s. Plus Lubricants, Vill. Abitghar, Tal. Wada, Dist. Palghar, M/s. Balajee Rang Udyog, MIDC Taloja, Tal. Panvel, Dist. Raigad, M/s. Saloni Organics Chemicals (Formerly known as M/s. National Petro Speciality), MIDC Mahad, Tal. Mahad, Dist. Raigad, M/s. Param Pharmaceuticals (Old Name Gujarat Reactive Chemical Pvt. Ltd), Ankleshwar, Tal. Ankleshwar, Dist. Bharuch, Gujarat, M/s. Indo Amines Ltd., MIDC Rabale, M/s. Indo Amines Ltd., Plot No. 151, MIDC Awadhan, Tal. & Dist. Dhule and M/s. Indo Amines Ltd., Plot No. 152, MIDC Awadhan, Tal. & Dist. Dhule. PP shall not sale By products to other than above mentioned industries without obtaining specific permission from the MPC Board. PP shall submit sale details of by-products quarterly to MPC Board.

### 3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed 10.0 M3.  
(ii) The daily quantity of sewage effluent from the factory shall not exceed 4.0 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 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	Ammonical Nitrogen (as N)	Not to exceed	50	mg/l.

- (iv) **Trade Effluent Disposal:** The treated effluent shall be recycled to maximum extend back in the process and remaining shall dispose to CETP. There shall be no discharge of effluent outside industry premises.

- (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 domestic effluent shall 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
—N.A.—					

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

### 4. The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974

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

(i)	Domestic purpose	...	5.0 CMD
(ii)	Water gets Polluted & Pollutants are Biodegradable	...	5.0 CMD
(iii)	Water gets Polluted, Pollutants are not Biodegradable & Toxic	...	0.0 CMD
(iv)	Industrial Cooling, spraying in mine pits or boiler feed	...	10.0 CMD



## 5. CONDITIONS UNDER AIR ACT:

- (i) The applicant shall install a comprehensive control system consisting of control equipment's 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:** Industry shall provide adequate capacity of Air pollution control System to sufficient capacity to control the emissions.

### Standards for Stack Emissions:

1) TPM	Not to exceed	150	mg/Nm <sup>3</sup>
2) SO <sub>2</sub>	Not to exceed	108	Kg/day
3) HCl	Not to exceed	35	mg/Nm <sup>3</sup>

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

Sr. No.	Type Of Fuel	Quantity	UOM
1	Furnace Oil	1200.0	Ltr/Day

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1	Steam Boiler & Thermic Fluid Heater	21.0
2	Scrubber-I	12.0
3	Scrubber-II	12.0

- (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 UNDER HAZARDOUS WASTE (MANAGEMENT & TRANSBOUNDARY MOVEMENT) RULES, 2016:

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

S. No.	Type Of Waste	Qty	UOM	Disposal
1	20.3 - Distillation Residue	3.0	MT/M	CHWTSDF
2	33.3-Discarded Containers/Liners/Barrels	25.0	Nos./M	Sale to Authorized Party/ Recycle
3	34.3 - Chemicals Sludge from Waste Water Treatment	0.3	MT/M	CHWTSDF / Reuse

- (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 & Other Wastes (Management & Transboundary) Rules, 2016.



- 45610
- 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 equipment's, 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 & Other Wastes (Management, & Transboundary) Rules, 2016 and shown & submitted to the Board as & when asked for.

**7. 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 nonhazardous 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 the 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 equipment's 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 30<sup>th</sup> day of September every year, 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.
- ix. As 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.
8. Applicant shall not carry out any activities which require prior Environmental Clearance as per EIA notification 2006 & as amended.
9. This Board reserves the right to amend, to revoke, suspend the consent issued or add any conditions in this consent and the same shall be binding on the Applicant.
10. The consent should not be construed as any exemption from obtaining necessary NOC from other Govt. agencies as may deemed fit necessary.
11. The Public Liability Insurance (PLI) Act 1991 referred to PLI Act 1981 provides a mandatory Public Liability Insurance for an owner, industry or Installation handling its liability arising out of accident involving Hazardous Chemicals.
12. If CETP does not work for achieving standards & problem of pollution occurs, industry shall voluntarily stop the production or total effluent shall be reused.
13. Industry shall submit Bank Guarantee of Rs.1,00,000/- towards compliance of Consent Conditions & Operation and Maintenance of Pollution Control systems which shall be valid up to 31/12/2023 in favor of Regional Office, Kalyan within 15 days period.
14. The Capital investment of the industry is Rs. 326.11 Lakh.

  
06/03/19  
(D. B. Patil)

Regional Officer, Kalyan

To,  
M/s. Indo Amines Ltd.,  
Plot No. W-35, MIDC Phase-II,  
Dombivali, Dist. Thane

Received Consent fee of -

Sr. No.	Amount(Rs.)	Transaction No.	Date
1	45,000/-	TXN1806000022	01/06/2018
2	5,000/-	TXN1806002385	27/06/2018

Copy to:

1. CAO/ Cess Wing/ Master File.
2. Sub Regional Officer, M.P.C. Board, Kalyan-I