

# MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 4010437/4020781  
/4037124/4035273  
Fax : 24044532/4024068 /4023516  
Email : rohq@mpcb.gov.in  
Visit At : <http://mpcb.gov.in>



Kalpataru Point, 3rd & 4th floor, Sion- Matunga  
Scheme Road No. 8, Opp. Cine Planet Cinema, Near  
Sion Circle, Sion (E),  
Mumbai - 400 022

RED/LSI

Consent order No:Format1.0/BO/ROHQ/FTS-160620FT0149/Auto/CR/CC-026 Date:27/01/2017

To,  
M/s. IMC Ltd.,  
Plot No.6, JNPT, Nava Sheva,  
Uran, Dist:- Raigad.

Subject: Auto Renewal of Consent to Operate for Tank Farm Activity.  
RED category.

- Ref : 1) Earlier consent to operate granted by Board vide No BO/ROHQ/ EIC-NM-4513-13/Amalgamation/CC-7770 dated 22/08/2014.  
2) Your application dtd. 24/05/2016 received under auto Renewal on 30/06/2016.  
3) Minutes of Consent Committee meeting held on 06/12/2016

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 under Rule 5 of the Hazardous and Other Wastes (M & T M) Rules 2016 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 up to 30/06/2021.
2. The proposed capital investment of the industry is Rs. 38.57 Crs. (As per CA certificate submitted by industry)
3. The Consent is valid for the storage of -

Sr. No.	Tank No.	Product Name	Maximum Quantity at a time in KL
1	101	Chemicals/Petroleum Products	14910.840
2	102	Chemicals/Petroleum Products	10100.380
3	103	Chemicals/Petroleum Products	9885.690
4	104	Chemicals/Petroleum Products	15291.450
5	105	Chemicals/Petroleum Products	4993.630
6	106	Chemicals/Petroleum Products	4975.860
7	107	Chemicals/Petroleum Products	2448.730
8	108	Chemicals/Petroleum Products	2460.040
9	109	Chemicals/Petroleum Products	1925.770
10	110	Chemicals/Petroleum Products	6258.700
11	111	Chemicals/Petroleum Products	4818.800
12	112	Chemicals/Petroleum Products	4308.010
13	113	Chemicals/Petroleum Products	3960.770
14	114	Chemicals/Petroleum Products	3344.098
15	115	Chemicals/Petroleum Products	3351.850
16	116	Chemicals/Petroleum Products	4819.850

*Sum*

17	117	Chemicals/Petroleum Products	2920.160
18	118	Chemicals/Petroleum Products	2459.590
19	119	Chemicals/Petroleum Products	1938.850
20	120	Chemicals/Petroleum Products	816.350
21	121	Chemicals/Petroleum Products	816.330
22	122	Chemicals/Petroleum Products	1120.770
23	123	Chemicals/Petroleum Products	1122.420
24	124	Chemicals/Petroleum Products	1487.530
25	125	Chemicals/Petroleum Products	1940.440
26	126	Chemicals/Petroleum Products	1490.470
27	127	Chemicals/Petroleum Products	961.090
28	128	Chemicals/Petroleum Products	1494.870
29	129	Chemicals/Petroleum Products	1939.980
30	501	Chemicals/Petroleum Products	5550.190
31	502	Chemicals/Petroleum Products	5554.530
32	503	Chemicals/Petroleum Products	5563.730
33	504	Chemicals/Petroleum Products	5551.290
34	505	Chemicals/Petroleum Products	4381.640
35	506	Chemicals/Petroleum Products	1088.380
36	507	Chemicals/Petroleum Products	1089.920
37	508	Chemicals/Petroleum Products	1461.150
38	509	Chemicals/Petroleum Products	1462.480
39	510	Edible Oil/Lube Oil	1640.650
40	511	Edible Oil/Lube Oil	1640.650
41	512	Edible Oil/Lube Oil	1208.400
42	513	Edible Oil/Lube Oil	1640.650
43	514	Edible Oil/Lube Oil	858.800
44	515	Edible Oil/Lube Oil	1640.650
45	516	Edible Oil/Lube Oil	1640.650
46	517	Edible Oil/Lube Oil	858.800
<b>Total</b>			<b>161195.878</b>

\*Separate Annexure of List of product with storage capacity is attached.  
(A, B, C Class-72 product & Non Class-5 product)

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	5.0	As per schedule -I	CETP
2.	Domestic effluent	6.0	As per schedule -I	CETP

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.	D.G.Set ( 320 KVA*2 Nos.)	2	As per Schedule -II
2.	D.G.Set ( 160 KVA)	1	As per Schedule -II

6. Conditions under Hazardous and Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste:

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

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
1.	( Cat. 3.1 ) Oil-containing cargo residue, washing water and sludge)	53.5	MT/A	CHWTSDF
2.	( Cat. 3.2 ) Chemical-containing cargo residue, washing water and sludge)	50.0	MT/A	CHWTSDF
3.	( Cat. 3.3 ) Sludge and filters contaminated with oil	22.0	MT/A	CHWTSDF
4.	( Cat. 3.4 ) Chemical sludge from waste water treatment	1.50	MT/A	CHWTSDF

7. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
8. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
9. Project Proponent shall not start the work of remaining 6 tanks prior to obtaining revalidated Environment Clearance.
10. Project Proponent shall not exceed the limit of storage capacity i.e. 1, 74,716 KL as per Environment Clearance vide No.11-6/2007-IA-III dtd.07/05/2007.
11. This consent is issued under signature of HOD, as HOD is authorized to sign the consent vide office order issued by Environment Department, GoM vide no. संकिर्ण २०१७/प्र.क्र २६ /आस्थापना Dated 23/01/2017.

For and on behalf of the  
Maharashtra Pollution Control Board



(N.N.Gurav)  
Regional Officer (HQ)

Received Consent fee of -

Sr. No.	Amount (Rs.)	UTR. No.	Date	Drawn On
1.	3,45,000 /-	ANDBR52016052400232861	24/05/2016	Andra Bank

\* The balanced consent fees of Rs.30,000 /- is considered for the renewal of consent.

Copy to:

1. Regional Officer -Navi Mumbai and Sub-Regional Officer-MPCB, Talaja. They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website updation purposes.

### Schedule-I

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

- 1) A] As per your application, you have provided the Effluent Treatment Plant (ETP) with the design capacity of 20 CMD.
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade and sewage effluent so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr No.	Parameters	Standards prescribed by Board
		Limiting Concentration in mg/l, except for pH
01	pH	5.5 to 9.0
02	Oil & Grease	10
03	BOD (3 days 27oC )	30
05	Suspended Solids	50
06	COD	100

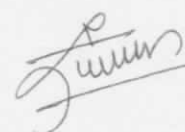
C) The treated trade and sewage effluent shall be disposed to CETP.

- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of water, works 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 or/and extension or addition thereto.
- 3) 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.
- 4) 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.

#### Conditions under Water (P&CP) Cess Act 1977 and amended Rules 2003.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	2.0
2.	Domestic purpose	8.0
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	7.0
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	Nil
5	Agriculture /gardening	Nil

- 5) 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.



## Schedule-II

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

1. As per your application, you have erected following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM
1.	DG Set (320 KVA*2 Nos.)	Acoustic	3.0*	HSD	150 Lit/Hr
2.	DG Set (160 KVA)	Enclosure			

\*Above roof of the building in which it is installed.

\* D.G. Set shall be operate only in case of power failure

2. 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> .
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3. 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.
4. 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).
5. Ambient noise levels should conform to prescribed standards both during day and night. The ambient air and noise quality should be closely monitored during construction phase



**Schedule-III**  
**Details of Bank Guarantees**

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1.	CR	Rs. 5 lakh	15 Days	Towards the compliance of consent condition No.9	30/06/2021	31/10/2021
2.	CR	Rs. 5 lakh	15 Days	Towards the operation & maintainance of pollution control system.	30/06/2021	31/10/2021

\*PP shall extend the both existing BG of Rs. 5 lakh each towards above mention purpose up to 31/10/2021



Maharashtra Pollution Control Board



#### Schedule-IV

##### General Conditions:

The following general conditions shall apply as per the type of the industry.

- 1) The applicant shall comply with the conditions stipulated in Environment Clearance granted by MoEF, vide no: 11-6/2007-IA-III dtd.07/05/2007.
- 2) The industry shall not exceed the threshold limits/quantity prescribed/laid down under the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 for which an Environment Clearance is required at any time and shall comply with other Environmental norms.
- 3) The industry shall strictly adhere to the provision of MSIHC Rules 1989 & EIA notification-2006.
- 4) Industry shall implement the notification issued by Ministry of Environment & Forest, Govt. of India. Dated 18<sup>th</sup> March 2008 for storage of volatile liquids.
- 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 firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and environmental protection Act 1986 and Solid Waste Management Rules, 2016 and E-Waste (Management) Rules, 2016.
- 7) The applicant shall provide facility for collection of samples of 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.
- 8) Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 9) The applicant shall install a separate meter showing the consumption of energy for operation of sewage treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 10) Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
  - d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - e) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - f) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - g) D.G. Set shall be operated only in case of power failure.

- h) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
- i) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 11) The industry should not cause any nuisance in surrounding area.
- 12) 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.
- 13) 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 of solid waste.
- 14) The applicant shall not change or alter the 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. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 15) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 16) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 17) Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 18) The treated sewage shall be disinfected using suitable disinfection method.
- 19) The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 20) The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30<sup>th</sup> June of every year.
- 21) The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.

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**Annexure**  
**List of Products with Storage Capacity**

Sr. No.	Product Name	Maximum Capacity	UOM
A,B,C CLASS			
1.	Acrylic Acid	2000	MT/A
2.	Paraxylene	10000	MT/A
3.	LSHS Heating Oil	7000	MT/A
4.	Iso Butanol	2000	MT/A
5.	Solvent C9 (Shellcal A100/Solvesso 150 etc.)	1100	MT/A
6.	Paraffin Oil	2000	MT/A
7.	Styrene Monomer	2000	MT/A
8.	Ethylene Dichloride (EDC)	2000	MT/A
9.	Solvent C10	1100	MT/A
10.	THF(Tetra Hydro Furan)	2000	MT/A
11.	Neem Oil	1500	MT/A
12.	Diesel Oil (Light)	5000	MT/A
13.	Toulene	850	MT/A
14.	Solvents	1500	MT/A
15.	Vegetable Oil	10000	MT/A
16.	Cumene	2000	MT/A
17.	Caster Oil	2000	MT/A
18.	Venyl Acetate Monomer	850	MT/A
19.	Propylene Glycol	1500	MT/A
20.	Acetone	2000	MT/A
21.	Acatylene	2000	MT/A
22.	Di Octanol	2000	MT/A
23.	Ethyl Alcohol	1500	MT/A
24.	Butyl Acetate	2000	MT/M
25.	AHE 70	10000	MT/A
26.	Aniline Oil	5000	MT/A
27.	Lubrication Oils	5000	MT/A
28.	Diocetyl Pthalate	1500	MT/A
29.	Butyl Acetate	4500	MT/A
30.	Ethylene Di Amine (EDA)	2000	MT/A
31.	Nitric Acid	1500	MT/A
32.	Diethylene Glycol	1500	MT/A
33.	Base Oil	2000	MT/M
34.	Diprophylene	1500	MT/A
35.	Linear Alkyl Benzene	3500	MT/A
36.	Phosphoric Acid	1500	MT/A
37.	Di Butyl Alcohol	3000	MT/A
38.	Di Octonol	1500	MT/A
39.	Furnace Oil	4000	MT/A
40.	Methylene Dichloride	2000	MT/A
41.	Superior Kerosene Oil	7000	MT/M

*Sumit*

42.	Methyl Alcohol	2000	MT/A
43.	Glycerine	2000	MT/A
44.	Maleic Anhydride	1500	MT/A
45.	White Oil	4000	MT/A
46.	Black Oil	2000	MT/M
47.	Mixed Xylene	2000	MT/A
48.	Aromatic Chemicals	1500	MT/A
49.	Carbon Tetra Chloride	1500	MT/M
50.	Diethyl Oxalate	1500	MT/A
51.	Octanol	1500	MT/A
52.	Polyether Polyols	2000	MT/A
53.	Dibutyl Maleate	2000	MT/A
54.	High Speed Diesel	10000	MT/A
55.	Sulphuric Acid	2000	MT/A
56.	Isopropyl Alcohol	2000	MT/A
57.	Cyclohexanol	2000	MT/A
58.	Morpho Line	2000	MT/A
59.	Methyl Methacrylate	1500	MT/A
60.	Aviation Fuel, Compressed Natural Gas, Furnace Oil, High Speed Diesel, Kerosene, Liquefied Petroleum, Low Sulphur Heavy Stock, Lubricating Oil, LNG, Motor Spirit, Naptha, Propane, Butane, Crude Oil	40000	MT/M
61.	Ortho Xylene	1500	MT/A
62.	Phenol	1500	MT/A
63.	Acrylonitrile(ACN)	3500	MT/A
64.	Palmolein Oil	2000	MT/A
65.	Benzene	1500	MT/A
66.	Triethylne Glycol	1500	MT/A
67.	Hydro Fluro Silicic Acid	2000	MT/A
68.	Acetic Acid	2000	MT/A
69.	Diesel Oil (Sour)	10000	MT/A
70.	Ammonia Liquid	15000	MT/A
71.	Mono Ethylene Glycol (MEG)	6000	MT/A
72.	Carbon Tetra Chloride	1500	MT/M
	<b>NON CLASS</b>		
1.	Alpha Olefin C14	3500	MT/A
2.	Carbon Black Feed Stock	15000	MT/A
3.	Caustic Soda Lye	5000	MT/A
4.	Crude Glycol	1000	MT/A
5.	Molasses	20000	MT/A

*Sumi*