

MAHARASHTRA POLLUTION CONTROL BOARD

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Kalpataru Point, 2<sup>nd</sup> - 4<sup>th</sup> Floor  
 Opp. Cine Planet Cinema,  
 Near Sion Circle, Sion (E)  
 Mumbai-400 022.

Date 23/12/2011

RED/LSI

ConsentNo.MPCB/RO(HQ)/EIC-NM-2771-11/R/cc- 96

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 & Transboundry Movement) Rules 2009.

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

CONSENT is hereby granted to

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

located in the area declared under the provisions of the Water Act, Air act and Authorisation under the provisions of HW(M,H &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 for a period up to:. 30/6/2016.
2. The Consent is valid for the storage of –

Sr. No.	Product Name	Maximum Quantity	UOM
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 Oils	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.	Acetylene	2000	MT/A
22.	Di Octanol	2000	MT/A
23.	Ethyl Alcohol	1500	MT/A
24.	Butyl Acrolyte	2000	MT/M
25.	AHE 70	10000	MT/A
26.	Aniline Oil	5000	MT/A
27.	Lubrication Oils	5000	MT/A
28.	Diocyl Pthalate	1500	MT/A
29.	Butyl Acetate	4500	MT/A
30.	Ethylene Di Amine (EDA)	2000	MT/A
31.	Nitirc 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 Cctonol	1500	MT/A
39.	Furnace Oil	4000	MT/A
40.	Methylene Dichloride	2000	MT/A
41.	Superior Kerosene Oil	7000	MT/M
42.	Methyl Alcohol	2000	MT/A
43.	Glycerine	2000	MT/A
44.	Maneic Anhydirde	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, Liquified 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
	NON CLASS		
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

### 3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory should not exceed **0.80 M3**.
- (ii) The daily quantity of sewage effluent from the factory should not exceed **1.80M3**.

#### (iii) Trade Effluent :

Treatment: The applicant should 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 standard

1	pH	Between	5.5 to 9.0
2	Oil & Grease	Not to exceed	10 mg/l
3	Suspended Solids	Not to exceed	100 mg/l.
4	BOD 3 Days 27 <sup>o</sup> C	Not to exceed	100 mg/l.
5	COD	Not to exceed	250 mg/l.

- (iv) **Trade Effluent Disposal:** The treated effluent should be used on Land for Gardening. There should not be any discharge outside the factory premises.
- (v) **Sewage Effluent Treatment:** The applicant should 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 <sup>o</sup> C. | Not to exceed | 100 | mg/l. |

- (vi) **Sewage Effluent Disposal:** The treated domestic effluent should be soaked in a soak pit, which should be got cleaned periodically. Overflow, if any, should be used on land for gardening / plantation only.

(vii) **Non-Hazardous Solid Wastes: NIL.**

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

**4. The applicant should comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under**

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

(i) Domestic purpose	...	2.70 CMD
(ii) Industrial Processing	...	0.00 CMD
(iii) Industrial Cooling	...	1.00CMD
(iv) Agriculture/Gardening	...	0.00 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 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

**a. Control Equipment:**

- I. Adequate fume extraction system followed by dust collector of sufficient capacity should be provided at all dust generating locations and operated properly.
- II. There should not be any secondary (fugitive) emissions.

**b. Standards for Emissions of Air Pollutants:**

(i) SPM/TPM	Not to exceed	150 mg/Nm <sup>3</sup>
(ii) SO <sub>2</sub>	Not to exceed	81 Kg/day

**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) should 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 should take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 75 dB(A) during day time and 70 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 should 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

**6. Standards for Stack Emissions:**

(i) The applicant should observe the following fuel pattern:-

Sr. No.	Type Of Fuel	Quantity	UOM
1	HSD	780.00	Lit/Day

(ii) The applicant should erect the chimney(s) of the following specifications:-

Sr. No.	Chimney Attached To	Height in Mtrs.
1.	DG Set (160 KVA)	3.00 Mtrs. Above the roof
2.	DG Set (320 KVA)	3.00 Mtrs. Above the roof

(iii) The applicant should provide ports in the chimney/(s) and facilities 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.

(iv) The industry should 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.

(v) **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

**7. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES, 2008:**

(i) The Industry should handle hazardous wastes as specified below,

Sr. No.	Type Of Waste	Quantit	UOM	Disposal
1	3.1 Oil-containing cargo residue, washing water and sludge	50.00	T/Yr	Return to respective party
2	3.2 Chemical-containing cargo residue and sludge	50.00	T/Yr	Return to respective party
3	3.3 Sludge and filters contaminated with oil	20.00	T/Yr.	Return to respective party
4	34.3 Chemical sludge from waste water treatment	1.00	T/Yr	CHWTSDF

1. The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.

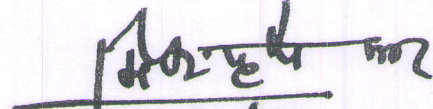
- a. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information should be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate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

**8. Industry should comply with following general conditions:**

- i. 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.
- ii. The applicant should bring minimum 33% of the available open land under green coverage/ tree plantation.
- iii. Solid waste – 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 should take necessary permissions from civic authorities for disposal to dumping ground.
- iv. The applicant should provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant to maintain compliance with the terms and conditions of the consent. In the absence, the applicant should stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- v. 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.
- 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.
- vii. The applicant should make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
- viii. The firm should 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 should be opened and made available to the Board's officers during their visit to the applicant.
- x. The applicant should 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 should be maintained.
- xi. 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.
- xii. Neither storm water nor discharge from other premises should be allowed to mix with the effluents from the factory.

9. The Industry should comply with the Hazardous Waste (Management, Handling & Trans Boundary Movement) Rules, 2008.

10. The Capital investment of the industry is Rs. 36.02 Crore.
11. This consent is issued pursuant to the decision of Consent Committee of the Board in its meeting held on 28<sup>th</sup> November, 2011.

  
22/12  
(Milind Mhaiskar)  
Member Secretary

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

Copy to:  
RO, MPCB ,Navi Mumbai/ SRO, MPCB, Taloja / CAO / HWM Wing (RO-HQ).

Received Consent fee of –

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	Rs. 250100/-	866570	27/01/2011	Andhra Bank
2.	Rs.125000/-	373174	19/10/2011	HDFC Bank