

**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.

**Consent No. MPCB/RO(HQ)/EIC-NM-2201-10/E(Exp)/cc- 126**

**Date: 12/1/2012**

Consent to Establish under Section 25 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 &T) 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

- The Consent to Establish (Expansion) is granted for a period up to commissioning of the unit or 5 years whichever is earlier.

**“Consent to Establish (Expansion) will be operational only after obtaining Environmental Clearance from competent authority by the applicant and subject to the compliance of conditions stipulated in an Environmental Clearance including conditions which may be more stringent, if stipulated by/ in the conditions stipulated Environmental Clearance.”**

- The Consent is valid for the Storage of-

Sr. No.	Tank No.	Product Name	Maximum Quantity	UOM
1.	401	Chemicals/Petroleum products	3344.100	KL
2.	402	Chemicals/Petroleum products	2920.160	KL
3.	403	Chemicals/Petroleum product	1900.000	KL
4.	404	Chemicals/Petroleum products	1900.000	KL
5.	405	Chemicals/Petroleum products	788.500	KL
6.	406	Chemicals/Petroleum products	1462.470	KL
		<b>NON CLASS</b>		
7.	510	Edible oil/ Lube oil	1640.650	KL
8.	511	Edible oil/ Lube oil	1640.450	KL
9.	512	Edible oil/ Lube oil	1208.400	KL
10.	513	Edible oil/ Lube oil	1640.650	KL
11.	514	Edible oil/ Lube oil	858.800	KL
12.	515	Edible oil/ Lube oil	1640.650	KL
13.	516	Edible oil/ Lube oil	1640.650	KL
14.	517	Edible oil/ Lube oil	858.800	KL
		<b>Total proposed storage capacity</b>	<b>23444.480</b>	<b>KL</b>

### 3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed **6.00M<sup>3</sup>**.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed **5.00M<sup>3</sup>**.

(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	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.
6	TDS	Not to exceed	2100 mg/l.
7	Sulphates	Not to exceed	1000 mg/l.
8	Chlorides	Not to exceed	600 mg/l
9	Zinc (as Zn)	Not to exceed	5.0 mg/l
10	Total metal	Not to exceed	10.0 mg/l.

- (iv) **Trade Effluent Disposal:** The treated effluent shall be sent to CETP only.
- (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<sup>o</sup> 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.
- (vi) **Non-Hazardous Solid Wastes:** NIL.
- (vii) **Other Conditions:** Industry 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 there under

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

- (i) Domestic purpose                      ...                      8.00 CMD
- (ii) Industrial Processing                      ...                      7.00 CMD
- (iii) Industrial Cooling                      ...                      2.00 CMD
- (iv) Agriculture/Gardening                      ...                      0.00 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 ACT:

(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:

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

### a. 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 | 6.0 Kg/day             |

## 6. Conditions for D.G. Set

- a. Noise from the D.G. Set shall be controlled by providing an acoustic enclosure or by treating the room acoustically.
- b. Industry shall provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room shall 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 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 shall 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. Proper routine and preventive maintenance procedure for DG set shall 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 shall not cause any nuisance in the surrounding area due to operation of D.G. Set.

### 2. Standards for Stack Emissions:

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

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

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

Sr. No.	Type Of Fuel	Quantity	UOM
1	Diesel	100.00	Lit/Day

(iii)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.

(iv)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.

(v) **Other Conditions**

- 1) The industry shall not cause any nuisance in surrounding area.
- 2) The industry shall monitor stack emissions and ambient air quality Regularly.

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

The Industry shall handle hazardous wastes as specified below.

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
1	3.1 Oil-containing cargo residue, washing water and sludge	3.5 Kg/Day	No.	CHWTSDF
2	3.3 Sludge and filters contaminated with oil	2.0 Kg/Day	No.	CHWTSDF
3	34.4 Chemical sludge, oil and grease skimming residues	0.5 Kg/Day	MT	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 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. Industry shall comply with following general conditions:**

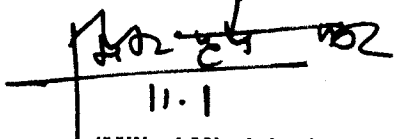
- i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
- ii. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
- iii. Solid waste – The 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 to dumping ground.
- iv. The applicant shall 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 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 equipments 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.

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

**10. The applicant shall not take any effective steps for implementation of the project Before obtaining Environment Clearance as per, EIA Notification 2006 and Amendment thereto and Coastal Regulation Zone Clearance as per, CRZ Notification, 2011.**

11. This Board reserves the right to amend, revoke or add any conditions in this Consent and same shall be binding on the applicant. If any noncompliance of the Conditions of consent to establish observed, the Board will initiate appropriate legal action including forfeiture of bank Guarantee, revocation of consent & further action.

12. The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board, before starting storage.
13. The Total Capital Investment of Industry is Rs. 41.02 Crore.(C.I. of existing industry is Rs.36.02 Cr and C.I. of Proposed expansion is Rs. 5 Crore)
14. This consent is issued pursuant to the decision of Consent Committee of the Board in its meeting held on 17<sup>th</sup> December, 2011.

  
11.1  
(Milind Mhaiskar)  
Member Secretary

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

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	10000/-	312680	26 Dec 2010	HDFC Bank
2	10100/-	310919	09 Dec 2010	HDFC Bank
3.	5000/-	373168	19 Dec 2011	HDFC Bank