

MAHARASHTRA POLLUTION CONTROL BOARD

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

Consent order No: -Format 1.0/AST/RO Navi Mumbai/EIC No. NM-5286-14/Amend/CC-7369
Date-05/08/2014

To,
M/s. Linde India Ltd.,
Plot No. T-25, MIDC Taloja
Tal. Panvel, Dist. Raigad.

Subject: Consent to Operate RED category for change in name.

Ref: 1. Earlier Consent granted vide no. BO/PAMS/O/EIC-NM-3729-12/CC-601 dtd 26.09.2012

2. Minutes of CC meeting held on 30.07.2014

Your application dated: 06.12.2013 for 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 under Rule 5 of the Hazardous Wastes (M, H & T M) Rules 2008 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:

- The consent is granted for a period upto 31.12.2015
- The actual capital investment of the industry is Rs. 52.74 Crs. (As per C. A. Certificate)
- The Consent is valid for the manufacture of -

Sr. No.	Product / By-Product Name	Maximum Quantity UOM/M
1	Helium	3900 Cylinder (Cap. 6.50 M ³)
2	Compressed Argon	150 Cylinder (Cap. 7.1 M ³) 50 Cylinder (Cap. 7.6 M ³)
3	Compressed Medical Oxygen	125 Cylinder (Cap. 7.1 M ³) 20 Cylinder (Cap. 1.47 M ³) 05 Cylinder (Cap. 0.7 M ³)
4	Compressed Nitrogen	100 Cylinder (Cap. 6.50 M ³)
5	Gas Mixtures	50 Cylinder (Cap. 7.6 M ³) 100 Cylinder (Cap. 7.1 M ³)
6	Hydrogen	80 Cylinder (Cap. 6.50 M ³)
7	Misc Mixtures	80 Cylinder (Cap. 7.0 M ³) 20 Cylinder (Cap. 1.5 M ³)
8	Warehousing Activity For Custom Cleared Goods	47022 Cylinders

- 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	NIL	As per Schedule -I
2.	Domestic effluent	3.0	As per Schedule -I	Soak pit

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 (150 KVA)	1 Nos	As per Schedule -II

6. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Cate-gory	Quantity	UOM	Treatment	Disposal
....NIL....						

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. This is issued by overriding effect on earlier consent granted by the Board Vide no. BO/PAMS/O/EIC-NM-3729-12/CC-601 dtd 26.09.2012
10. This consent is issued pursuant to the decision of the Consent Committee held on 30.08.2014

For and on behalf of the
Maharashtra Pollution Control Board

(Rajiv Kumar Mital, IAS)
Member Secretary

Received Consent fee of-

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
01	50,000/-	443786	05.11.2013	SBI Bank

Copy to:

1. Regional Officer -Navi Mumbai and Sub-Regional Officer- Taloja- 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, Industrial effluent is NIL
- 2) A] As per your consent application, you have provided the soak pit for sewage water
B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.
 - (1) Suspended Solids. Not to exceed 100 mg/l.
 - (2) BOD 3 days 27oC. Not to exceed 100 mg/l.C] The sewage water 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.
- 3) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks 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.
- 4) 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.
- 5) 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.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	...
2.	Domestic purpose	04
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	...
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	...
5.	Agriculture/Gardening	02

- 6) 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 proposed to install/ provided the Air pollution control (APC) system and also proposed to erect / 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	S %	SO ₂ Kg/Day
5	D.G. set (150 KVA)	Stack	3.0	Diesel	1680 Lit/Day	1	33.6

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

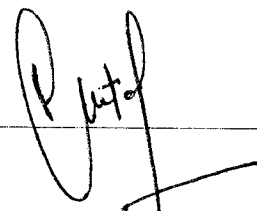
Particulate matter	Not to exceed	150 mg/Nm ³ .
SO ₂	Not to exceed	33.6 Kg/Day

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
5. 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).

**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	C to O	5 Lakh	15 Days	Towards Operation and Maintenance of Pollution control systems	31.12.2015	30.04.2016

Maharashtra Pollution Control Board



- 17) The applicant shall install a separate 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.
- 18) Conditions for D.G. Set
- Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - 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.
 - 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.
 - Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - 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
 - D.G. Set shall be operated only in case of power failure.
 - The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 19) The industry should not cause any nuisance in surrounding area.
- 20) 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.
- 21) The applicant shall maintain good housekeeping.
- 22) 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, number of trees surviving as on 31st March of the year and number of trees planted by September end.
- 23) 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.
- 24) 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.
- 25) 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.
- 26) The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
- 27) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 28) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.

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