

MAHARASHTRA POLLUTION CONTROL BOARD

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Consent order No :- Format1.0/BO/CAC-cell/EIC-KN-6557-14/E/CAC-6655
Date-16.7.2014

To,
Reliance Gas Transportation Infrastructure Ltd.,
Compressor station no.08, S. no. 110,111,113,
V& PO: Vaholi, Tal-kalyan, District Thane.,
Maharashtra- 421301.

Subject: Consent to Establish for 2x 125 KVA Gas Engine generators (GEGs) installation at Compressor Station 08 (CS 08) in Vaholi, Tal-kalyan, District Thane., of natural gas Transportation Pipeline from Hyderabad-Ahmedabad(east-west) in RED category.

Ref :

1. Environmental Clearance granted videno. J-11011/234/2003-IA II (I) dated 4.11.2004.
2. Consent to Operate for pipeline project vide letter no. BO/RO-KN/PCI-I/KN-3158-10/R/CC-208 dated 30.9.2010.
3. Minutes of 10th CAC meeting held on 10.7.2014

Your application CE1312000434
Dated: 18.11.2013

For: Consent to Establish for 2x 125 KVA Gas Engine generators (GEGs) installation at Compressor Station 08 (CS 08) in Vaholi, Tal-kalyan, District Thane., of natural gas Transportation Pipeline from Hyderabad-Ahmedabad(east-west) 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 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:

1. The consent to establish is granted for a period up to commissioning of the project of 5 years whichever is earlier.
2. The total capital investment of the project is Rs. 76.3 lakh. (As per documents submitted by industry, total CI of the project is Rs. 471 crs. as per C to O)
3. The Consent to establish is valid for 2x 125 KVA Gas Engine generators (GEGs) installation at Compressor Station 08 (CS 08) in Vaholi, Tal-kalyan, District Thane., of natural gas Transportation Pipeline from Hyderabad-Ahmedabad(east-west).
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	Nil	NA	NA
2.	Domestic effluent	Nil	NA	NA

(There is no trade effluent generation but water requirement for cooling purposes will be 75 lit/engine/6000 working hrs.)

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.	Gas Engine Generators (2 x 125 KVA)	2	As per Schedule-II

6. Conditions about Non Hazardous Wastes:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Nil	NA	NA	NA

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

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
1.	Used Oil from gas Engine Generator	5.1	288	Lit/yr	-	Sale to reprocessor

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.

For and on behalf of the
Maharashtra Pollution Control Board

(Rajeev Kumar Mittal, IAS)
Member Secretary

Received Consent fee of-

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1.	5100/-	0001423	8.11.2013	HDFC Bank

Copy to:

1. Regional Officer - Kalyan & Sub-Regional Officer-Kalyan I, MPCB. They are directed to ensure the compliance of the consent conditions as per their jurisdiction.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website updation purposes.

Schedule-I Not Applicable, hence not annexed.

Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to install the Air pollution control (APC) system and also proposed to erect 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
01.	Gas Engine Generator s (2 x 125 KVA)	--	8 mtrs above ground level	Natural gas	856.27 Kg/day	Nil	NA

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

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 ³ .
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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 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).

Schedule- III not applicable in this case, hence not annexed.

Schedule-IV

General Conditions:

- 1) The applicant shall provide facility for collection of environmental samples and samples of trade and 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.
- 2) The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence of the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 3) The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 4) The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the HW(MH&TM) Rules 2008, which can be recycled/processed/reused/recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 5) The industry should comply with the Hazardous Waste (MH & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazardous Waste (MH & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.
- 6) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 7) **The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/ Activity.**
- 8) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act,1981 and Environmental Protection Act,1986 and industry specific standard under EP Rules 1986 which are available on MPCB website(www.mpcb.gov.in).
- 9) 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) 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.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) 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
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel
- 10) 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
- 11) 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 be downloaded from MPCB official site).
- 12) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 13) During transportation handling of Petroleum product if any accident occurs, the industry shall make emergency arrangement and having responsibility to control the situation.
- 14) Industry shall comply with the notification of the manufacture, Storage and Import of Hazardous chemical rule 1989.
- 15) The smooth & safe operation of the system shall be insured by incorporating a computerized SCADA (Supervisory Control and Data Acquisition) system. Any leakage in the pipeline shall be immediately detected by the computer system & product pumps shall be immediately cut off.

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