

MAHARASHTRA POLLUTION CONTROL BOARD

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Consent order No :- Format 1.0/BO/CAC-cell//EIC-PN-22267-14/R/CAC-621
Date- 19/01/2015

To,
Reliance Gas Transportation Infrastructure Ltd.,
Compressor Station no.7,
373,363, Kokadewadi, Navhre (V & PO), Tal-Shirur,
Dist-Pune, Maharashtra-412 211 .

Subject: Renewal of Consent to Operate for the Operation of Compressor station at Kokadewadi, near Shirur, in the State of Maharashtra, of Natural Gas Transportation Pipeline from Hyderabad - Ahmedabad (East-West). (This is a pipe line transportation infrastructure and there is no production involved. The pipeline will have a capacity to transport upto 80 MMSCMD Natural Gas / Hydrocarbon) in RED category.

Ref :

1. Consent to Operate granted vide no. *BO/RO-Pune/PCI-I/EIC-PN-4081-09/R/CC-66* dated 30/10/2009.
2. Your application approved in 23rd CAC meeting held on 20.12.2014

Your application CR1407000376

Dated: 4.7.2014

For: Renewal of 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:

1. The consent to operate is granted for a period from 1.9.2014 to 31.8.2016.
2. The capital investment of the project is Rs. 800.42 Crs. (As per CA certificate submitted by industry)
3. The Consent is valid for the Operation of Compressor station at Kokadewadi, near Shirur, in the State of Maharashtra, of Natural Gas Transportation Pipeline from Hyderabad - Ahmedabad (East-West). (This is a pipe line transportation infrastructure and there is no production involved. The pipeline will have a capacity to transport upto 80 MMSCMD Natural Gas / Hydrocarbon).
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 | 4 | As per Schedule-I | Septic tank 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. | Gas Turbine Compressors (GTC) (3 nos. 31.069 MW each) | 3 | As per Schedule-II |
| 2. | Gas Engine Generators (GEG) (3 nos.- 1117 KW each) | 3 | As per Schedule-II |
| 3. | DG set (600 KVA) | 1 | As per Schedule-II |
| 4. | Diesel Engine Fire water | 1 | 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 /Spent Oil | 5.1 | 13.7 | MT/year | -- | hand over to authorized reprocessor/ recycler |
| 2 | Waste/ residues containing oil | 5.2 | 1000 | Kg/year | -- | hand over to authorized reprocessor/ recycler |

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


(Dr. P. Anbalagan, IAS)
Member Secretary

Received Consent fee of -

| Sr. No. | Amount (Rs.) | DD. No. | Date | Drawn On | Remarks |
|---------|--------------|---------|-----------|-----------|---|
| 1. | 8004300/- | 000994 | 3.7.2014 | HDFC Bank | Out of Rs. 8096720/-, Rs. 6495980/- is applicable for this consent and Rs. 1600740/- is balance with the Board. |
| 2. | 92420/- | 001178 | 25.9.2014 | HDFC Bank | |

Copy to:

1. Regional Officer - Pune & Sub-Regional Officer- Pune-II 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

Terms & conditions for compliance of Water Pollution Control:

(i) **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 27o C. | Not to exceed | 100 | mg/l. |

(ii) **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.

(iii) **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 | ... | 5.00 CMD |
| (ii) Industrial Processing | ... | 0.00 CMD |
| (iii) Fire water | ... | 15.00 CMD |
| (iii) Industrial Cooling | ... | 0.0 CMD |
| (iv) Agriculture / Gardening | ... | 100.00 CMD |

(vi) 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.

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 | Height in Mtrs. | Type of Fuel | Quantity & UoM | S % | SO ₂ Kg/Day |
|---------|--|-----------------|--------------|----------------|-----|------------------------|
| 1. | Gas Turbine Compressors (GTC) (3 nos. 31.069 MW each) | 17.6 mtrs each | Natural Gas | 0.453 MMSCMD | -- | -- |
| 2. | Gas Engine Generators (GEG) (3 nos.- 1117 KW each) | 17.6 mtrs each | | | | |
| 3. | DG set (600 KVA) | 5 mtrs * | HSD | -- | 1 | |
| 4. | Diesel Engine Fire water Pump | 3 mtr | HSD | 10 lit/hr | 1 | 44.8 |

* above the roof of the building in which it is installed or the nearest tallest building.

2. 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.
3. 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 is 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, 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 (M,H & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazarsous Waste (M,H & 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 make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.**
- 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 manufactures, Storage and Import of Hazardous chemical rule 1989.
- 15) The smooth & safe operation of the system shall be ensured 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 pumping shall be immediately cut off.