


# MAHARASHTRA POLLUTION CONTROL BOARD

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Red/LSI

Date: 22/08/2012

Consent No. BO/JD(APC)/EIC No. NM-3684-12/O/CC-522

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 (Management, Handling & Transboundary Movement) Rules 2008.

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

CONSENT is hereby granted to-

**M/s. Mahanagar Gas Limited ,**  
(Natural gas transmission and distribution pipeline in MIDC Talaja area)  
MGL House, G- 33 Block,  
Bandra – Kurla Complex,  
Bandra, Mumbai – 51.

located in the area declared under the provisions of the Water Act, Air Act and Authorization under the provisions of HW (M, H & TM) Rules 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 to **M/s. Mahanagar Gas Limited** , for Laying of natural gas transmission and distribution pipeline in MIDC Talaja area having total pipeline 10 Kms with 03 tap offs for CNG stations on route & CITI Gas Station at J-93/2, MIDC Talaja, Dist Raigad

The Consent to Operate is granted for a period up to 28/02/2017

2. The Consent is valid for below mentioned activity –

Monthly transportation of piped natural gas quantity estimated at 5,40,780 scmd (Standard cubic meters per day) & 7 CNG station

3. **CONDITIONS UNDER WATER ACT:**

- (i) The daily quantity of trade effluent from the factory shall be NIL.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 1.4 m<sup>3</sup>.
- (iii) **Trade Effluent Treatment:** Not Applicable
- (iv) **Trade Effluent Disposal:** Not Applicable
- (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 27o 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, used on land for gardening purpose within premises only.

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

<u>Type of waste</u>	<u>Quantity</u>	<u>Treatment</u>	<u>Disposal</u>
	Not Applicable		

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 Rules thereunder:

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

(i) Domestic	...	1.8	CMD
(ii) Industrial processing	...	...	CMD
(iii) Industrial Cooling	...	...	CMD
(iv) Agriculture/Gardening	...	....	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:

A. Control Equipment: Air pollution control equipments of adequate capacity shall be provided to limit the 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	-

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

<u>Sr.No.</u>	<u>Type of Fuel</u>	<u>Quantity</u>
1.	HSD	30 Litr/Hr

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

<u>Sr.No.</u>	<u>Chimney attached to</u>	<u>Height in Mtrs.</u>
1.	DG Set (1 x250 KVA)	3.5* mtr

\*above roof top of the bldg. in which it is installed.

Conditions for DG Sets:-

- Noise from DG Sets shall be controlled by providing acoustic enclosure or by treating the room acoustically.
- Applicant should 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 be provided. The measurement of insertion loss shall be done at different at 0.5 meters from acoustic enclosure/ room and then average.

3. The Applicant should make efforts to bring down noise level due to DG Set, side the premises, with ambient noise level requirements by proper setting control measures.
4. Installation of DG Set must be strictly in compliance with recommendations of set manufacturer.
5. A proper routine and preventive maintenance procedure for DG Set shall be and followed in consultation with the DG manufacturers, which would help to vent noise levels of DG Sets from deteriorating with use.
6. The DG set shall be operated only in case of power failure. The applicant shall make arrangement for regular electrical power.
7. The Applicant shall not cause any nuisance in the surrounding area due to operation of DG sets.
8. In case of problems, the D.G. set shall not be operated until it is set back to satisfactory position.

(iv) The applicant 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 during the installation of the pipeline. 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 company shall strictly adhere to the mitigation measures given in their Disaster Management Plan and Environmental Management Plan
2. The company shall take Public Liability Insurance cover as per statutory requirements.
3. The industry shall regularly carry out Ambient Air Quality Monitoring & results shall be submitted to Regional Office, MPCB, Navi Mumbai and Sub-Regional Office, MPCB, Talaja
- 4.

**6. Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008.**

The applicant shall handle hazardous waste as specified below:-

Sr. No	Item No. as per Schedule-I/II	Type of Waste	Quantity	Disposal
1	5.1	Waste/Used Oil	100 Lit/month	Sent to authorized reprocessor
2	5.2	Oil containing Cotton	500 kg/Month	CHWTSDF
3	33.3	Empty containers	3 Nos/Month	CHWTSDF

7. 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 the above event the activity shall be stopped forthwith till the proper corrective measures are enforced.

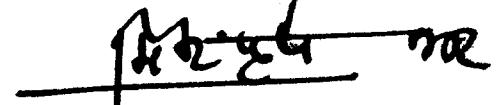
**8. General conditions:**

- (i) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30<sup>th</sup> September every year on available open plot area, no. of trees surviving as on 31<sup>st</sup> March of the year and no. of trees planted by September end.
- (ii) The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the applicant and operate the same in case of power failure to maintain compliance with the terms and conditions of the consent. In the absence of same, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- (iii) The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent. 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.
- (iv) The firm shall submit MPCB, the Environmental Statement Report for the financial year ending 31<sup>st</sup> March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992 before 30<sup>th</sup> September every year.
- (v) 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. The applicant shall also submit a comparative statement of designed power and chemical consumptions vis-a vis actual power and chemical consumption along with Environmental statement.
- (vi) 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. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- (vii) 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. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- (viii) 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.
- (ix) The applicant shall maintain good house keeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.

**9. This Board reserves the right to amend, revoke or add any conditions in this consent and same shall be binding on the applicant.**

**10. This consent is issued pursuant to the decision of Consent Committee meeting of the Board held on 08/08/2012.**

11. The applicant shall comply with the Manufacture Storage & Import of Hazardous Chemicals, Rules 1989 and as amended in 2008.
12. 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.
13. Total capital investment of the project is Rs. 40.57/- Crores.

  
Milind Mhaiskar IAS)  
Member Secretary

To,  
M/s Mahanagar Gas Ltd.,  
MGL House, G- 33 block,  
Bandra – Kurla Complex, Bandra  
Mumbai – 51.

Copy to:

- 1) Regional Officer, MPCB, Navi Mumbai, Sub-Regional Officer, MPCB, Taloja :- They directed to ensure the compliance of consent condition & submit the report within 1 month period.
- 3) Chief Accounts Officer, MPCB, Mumbai
- 4) Cess Branch, MPCB.
- 5] Master file.

Received Consent fee of -

Amount	D.D.No	Date	Bank name
Rs.3,75,000/-	889498	29/12/2011	United Bank of India