

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 4010437/4020781
/4037124/4035273
Fax : 24044532/4024068 /4023516
Email : enquiry@mpcb.gov.in
Visit At : <http://mpcb.gov.in>



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

Red/L.S.I

Consent order No: Format 1.0/BO/ROHQ/EIC-NM-4359-13/CR/CAC-6507

02/08/13
Date: 26/7/2013

To,
M/s. Bharat Petroleum Corporation. Ltd,
LPG Bottling Plant, Taulka:- Uran,
[Pipeline from JNPT to Uran LPG Plant]
Dist. Raigad-400702

Sub : Application for renewal of consent in Red category.
Ref : Minutes of CAC meeting held on 24/05/2013

Your application

Date: 29/11/2012

For: Consent to Renewal

Under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 is considered and Hazardous waste (Management, Handling & Transboundary Movement Rule 2008. 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 upto:- 30/06/2015
2. The Capital investment of the Project is **Rs.283.58 Crs.** (As per CA Certificate).
3. The Consent to operate is valid following activity :-

Sr. No.	Product Name	Storage Capacity
1	Receipt Refrigerated Propane, Butane & LPG from JNPT Jetty to Uran LPG plant through 12.5 Km pipeline. (Storage & Dispatches, Storage Capacity)	2 x 8000 MT cryogenic Tanks

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	1.5	As per Schedule -I	shall be used for Gardening purpose .

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.	DG sets 2 Nos. (1250 KVA)	2	As per Schedule -II

6. Conditions under Hazardous waste (Management, Handling & Transboundry Movement Rule 2008

Sr. No	Type Of Waste	Quantity	UOM	Treatment	Disposal
			Nil		

7. This 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 agencies.

For and on behalf of the
Maharashtra Pollution Control Board



(V.M. Motghare)
Member Secretary

1/8/13

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	544760.0	242099	29/11/2012	SBI Bank
2	1089520	242611	20/12/2012	SBI Bank

Balance consent fees of Rs 2,63,642.0/- shall be considered at the time of further renewal of consent

Copy to:

1. Regional Officer, MPCB, 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:

(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	...	2.00	CMD
(ii) Industrial Processing	...	0.00	CMD
(iii) Washing & Cleaning	...	0.00	CMD
(iii) Industrial Cooling	...	120.0	CMD
(iv) Agriculture / Gardening	...	0.00	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

A. Terms & conditions for compliance of Air Pollution Control:

1. Control equipment :- Flare stack of 50 Mtrs height with burner should be provided
2. 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. (Above roof top)	Type of Fuel	Quantity	SO ₂ Kg/D
1	DG sets 2 Nos (1250 KVA)	30.0	HSD*	250Lits/Hr	11.0

* D.G. Set shall be operated only in case of power failure.

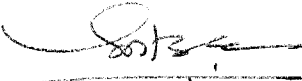
3. Adequate mitigation measures shall be taken to control emission of SO₂ NO_x, SPM & RSPM so as to achieve National Ambient Air Quality Standards.
4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
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)

B. Other Conditions for storage:

1. The petroleum product shall be properly stored in tanks which shall be absolutely leak proof. At no stage of handling, there shall be leakage or spillage.
2. The necessary arrangement for collection & treatment of leachate / tank bottom generated underneath the storage tanks shall be made along with provision of Oil skimmers & necessary treatment arrangement for the same.
3. High level alarm synchronized with cut off capacity shall be provided to the storage tanks.
4. The storage shall be kept in good conditions all the years round with adequate maintenance. The hazardous waste generated in the handling storage and transport shall be disposed in accordance with Hazardous waste management & handling rule 1989 & amendments therein.
5. The project authority shall prepare On site & off site emergency preparedness plan based on detain risk analyses.
6. The internal road shall be cement concrete and shall be maintained with adequate Green belt.
7. The working area of pump shall be impermeable & covered with roof / shed.
8. Control equipments: - Industry shall make necessary provision to arrest the emission of volatile hydrocarbons to environment by the way of volatile matter absorption system to the tanks vent and monitoring arrangement.
9. The industry shall regularly monitor the emission of volatile organic compound particularly Benzene, Toluene and Xylene.
10. The industry should monitor ambient air quality regularly from MoEF approved laboratory.
11. The industry should not cause any nuisance in surrounding area.
12. During transportation handling of Petroleum product if any accident occurs, the industry shall make emergency arrangement and having responsibility to control the situation.

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	Renewal	5 Lakh	15 Days	BG of Rs. 5 lakh towards O & M of VOC control system and to achieve consented Standards	30/06/2015	31/10/2015


1/9/15

Schedule-IV

General Conditions:

The following general conditions shall apply as per the type of the Activity.

- 1) The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and environmental protection Act 1986 and Hazardous waste (Management, Handling & Transboundary Movement Rule 2008
- 2) 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.
- 3) The applicant shall install a separate meter showing the consumption of energy for operation of Effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 4) 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) 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 55 dB(A) during day time and 45 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 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.
 - e) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - f) 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
 - g) D.G. Set shall be operated only in case of power failure.
 - h) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - i) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 5) Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 6) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 7) The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 8) An inspection book shall be operated and made available for Maharashtra pollution control Board officials.
- 9) Industry shall comply with the notification of the manufactures, Storage and Import of Hazardous chemical rule 1989.
- 10) **The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.**