

# MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai - 400 022

Consent order No: -Format 1.0/BO/AS(T)/MU-6914-16/E/GEN- 10243  
Date- 14.10.2016.

To,  
M/s. Hindustan Petroleum Corporation Ltd.,  
(Lube Plant-I), Mazgaon Terminal,  
Hay Bunder Road, Mumbai-400 033.

Subject : Renewal of Consent to Operate with increase in Capital Investment under  
RED/LSI category.

Ref. : 1. Earlier Consent granted vide no. MPCB/ROM/MU-4728-13/CC/CR/13/02415  
dtd. 20/03/2013.

Your application No. CO1510000207  
Dated: 18/09/2015

For: Grant of Consent to Operate (150918FT0042) 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 /renewal under  
Rule 5 of the Hazardous Wastes (M, H & T M) Rules 2016 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 upto 31/08/2019.
2. The capital investment of the industry is Rs. 23.95 Crs (As per C.A. Certificate submitted by industry).
3. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Lubricants & Greases	250	MT/M

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	N.A.	N.A.
2.	Domestic effluent	30.0	As per Schedule -I	On land for gardening

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.	Boiler & Thermic Fluid Heater	4	As per Schedule -II
2.	DG set (250 KVA)	1	As per Schedule -II

6. Conditions under Hazardous Waste (MH & TM) Rules, 2016 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
1	Used/ spent oil	5.1	50	Kg/M	-	Recycle/ reuse in process

M

2	Discarded containers/ barrels/ liners	33.1	40	MT/A	-	Sale to Auth. Party
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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. The applicant shall provide comprehensive Sewage Treatment Plant (STP) for the treatment of 30 CMD of sewage within 3 months and furnish bank guarantee of Rs. 5.0 Lakh in the Regional Office, Mumbai within 15 days from the issue of this Consent towards compliance of this condition.
10. The applicant shall submit Company's Board Resolution in Board's prescribed format within 15 days and furnish bank guarantee of Rs. 2.0 Lakh in the Regional Office, Mumbai within 15 days from the issue of this Consent towards compliance of this condition.

For and on behalf of the  
Maharashtra Pollution Control Board

*(P.K. Mirashe)*  
17/11/16

Assistant Secretary (Tech.)

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1.	Rs. 25,100/-	284027	28/08/2015	Union Bank of India
2.	Rs. 2,25,100/-	143564	04/03/2016	SBI

Copy to:

1. Regional Office/ Sub-Regional Office (Mumbai-I), M.P.C. Board, Mumbai.  
- 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) As per your application, generation of effluent from industrial activities shall be Nil.

2) A] As per your consent application, you have provided the septic tank followed by soak pit for the treatment of sewage. Overflow, if any shall be applied on land for gardening purpose within premise.

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 27°C.	Not to exceed	100	mg/l.

C] The treated sewage shall be disposed on land for gardening purpose.

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	5.0
2.	Domestic purpose	70.0
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.	Agri/Gardening	—
6.	Fire Hydrant Testing	—

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/ Environmental Clearance / CREP guidelines.



## Schedule-II

### Terms & conditions for compliance of Air Pollution Control:

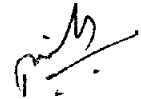
1. As per your application, you have provided the Air pollution control (APC) system and also erected following stack(s) and observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO <sub>2</sub> Kg/Day
1	Boiler-I (8 TPH)	--	35	F.O.	2.5 MT/D		225
2	Boiler-I (10 TPH)	--					
3	Thermic Fluid Heater-I (10 Lac Kcal/Hr)	--					
4	Thermic Fluid Heater-II (10 Lac Kcal/Hr)	--					
5	D.G.Set (250 KVA)	--	3.0 mtr. above roof	HSD	10 Lit/Hr	-	4.2

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 <sup>3</sup>
SO <sub>2</sub>	Not to exceed	225 kg/day
Hydrocarbons	Not to exceed	0.24 ppm on 24 hours basis

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	CtO	Rs. 5.0 Lakh	Within 15 days	Towards O&M of pollution control systems	31/08/2018	Upto 31/12/2018
2	CtO	Rs. 5.0 Lakh	Within 15 days	Towards compliance of Consent conditions No. (9) for provision of STP within 3 months	31/08/2018	Upto 31/12/2018
3	CtO	Rs. 2.0 Lakh	Within 15 days	Towards compliance of Consent conditions No. (10) for submission of Company's Board Resolution within 15 days	31/08/2018	Upto 31/12/2018

The applicant shall furnish an irrevocable bank guarantees of Rs. 5.0 Lakh, Rs. 5.0 Lakh & Rs. 2.0 Lakh in the Regional Office, Mumbai within 15 days from the issue of this Consent towards operation & maintenance of the pollution control systems, towards compliance of Consent conditions No. (9) for provision of STP within 3 months and towards compliance of Consent conditions No. (10) for submission of Company's Board Resolution within 15 days respectively.



Maharashtra Pollution Control Board

17) 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.
- 18) The industry should not cause any nuisance in surrounding area.
- 19) 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.
- 20) The applicant shall maintain good housekeeping.
- 21) 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 31<sup>st</sup> March of the year and number of trees planted by September end.
- 22) 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.
- 23) 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.
- 24) 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.
- 25) 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).
- 26) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 27) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.
- 28) The industry shall recycle/reprocess/reuse/recover hazardous waste as per the provision contained in the HW(M,H & TM) Rules 2016, which can be recycled/ processed/ reused/ recovered and only waste which has to be incinerated shall go to incineration and waste which cannot 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.

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