

MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai - 400 022

Consent order No :- Formate 1.0/ BO/CAC-Cell/ EIC No NM-6058-16/14th CAC 10189
Date- 10/10/2016

To,
M/s. Bharat Petroleum Corporation Ltd.,
(Liquid Cargo jetty),
JNPT, At-Sheva, Tal-Uran,
Dist-Raigad.

Subject: Renewal of consent to operate under RED category.

Ref: 1. Earlier Consent to operate granted vide no.
MPCBHQ/ROHQ/Mumabi/CAC/O-08 dtd. 16.11.2011.
2. Your application approved in CAC meeting held on 02.02.2016.

Your application: CR1601000073

Dated: 17.12.2015

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 III & IV annexed to this order:

1. The consent is granted for a period from 01.01.2016 upto 30.06.2020.
2. The actual capital investment of the industry is 97.56 crs. (As per C.A. Certificate submitted by industry).
3. The Consent is valid for the manufacture of -

Sr. No.	Product Name
1	MTBE
2	BENZENE
3	TOLUENE
4	TRI ETHYLENE GLYCOL
5	PROPYLENE
6	SULPHURIC ACID
7	2 PROPLTHEPTAN 1=01
8	BIODIESEL
9	PARAXYLENE / MIX XYLENE
10	BUTYL ACRYLATE
11	METHANOL
12	PHENOL
13	ACETIC ACID
14	CARBON TETRACHLORIDE
15	ISO NONYL ALCOHOL
16	META XYLENE
17	L.A.B
18	LUBE OIL

19	ISOBUTANOL
20	BASE OIL
21	ORTHO TOLUIDINE
22	ALLY ALCOHOL
23	GLYCERINE
24	2- ETHYL HEXANOL
25	C.B.F.S
26	1,4 BUTANEDIOL
27	M.E.G/ CRUDE GLYCOL
28	ORTHO XYLENE
29	ETHYLENE DI AMINE
30	ETHANOL
31	AMMONIA
32	PALM OIL
33	CAUSTIC SODA
34	DIETHYLENE GLYCOL
35	PROPYLENE GLYCOL
36	ETHYLENE
37	CASTOR OIL
38	ACETONE
39	EDIBLE OIL
40	N PARAFFIN
41	1 BUTANOL
42	MOLASSES
43	AHE-70
44	VEGETABLE OIL
45	ANILINE OIL
46	CHOLOROFORM
47	AFS-AROMATIC FEED STOCK
48	ETHYLENE DI CHLORIDE
49	ETHYL ACETATE
50	ACETIC ANHYRIDE
51	LAURY MIRSTL ALCOLHOL
52	POLY PROPYLENE
53	BUTADIENE
54	N-HEXANE
55	METHYL ETHYL KETONE
56	AROMEX
57	BUTYL ACETATE
58	PARAFFIN OIL
59	VINYL ACETATE
60	META METHYL ACRYLATE
61	PALM FATTY OIL/ACID
62	CYCLOHEXANE
63	METHYLENE CHLORIDE
64	All A,B,C class of petroleum Products
65	LUPRANT
66	ISOBUTYL ALCOHOL
67	ACRYLONITRLE
68	METHYL ISOBUTYL KETONE
69	STYRENE MONOMER
70	ISOPROPYL ALCOHOL
71	PHOSPHORIC ACID

The Liquid cargo Jetty is only a receipt facility for liquid cargo. There shall not be any storage of any product at the jetty. The Products from the ships are received in to the intermediate Pipelines/ terminal Dock Pipelines and transferred to the respective user Tank Farms/User Terminals.

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	0	NA	NA
2.	Domestic effluent	4	As per Schedule -I	Soak pits

5. Conditions under Air (P&CP) Act, 1981 for air emissions: NA.

6. Conditions about Non Hazardous Wastes: NA.

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

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
1	500000	895061	16.12.2015	SBI
2	100	898891	01.12.2015	SBI
3	125000	002613	10.03.2016	SBI

Copy to:

1. Regional Officer - Navi Mumbai and Sub-Regional Officer-NM-III. MPCB, 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) A] As per your consent application, you have provided the septic tanks and soak pits
- 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 soaked in a soak pit, which shall be got cleaned periodically.

- 2) 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.
- 3) 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.
- 4) 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	0
2.	Domestic purpose	4.2
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0

- 5) 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

1. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Standards for Emissions of VOC Pollutants:

Sr.No	Compounds	Maximum emission limit (mg/Nm ³), dry basis
1	MA,PA,Phenol	20
2	Ethyl benzene (EB), Styrene, Toulene, Xylene, Aromatics, EG, PG	100
3	Non-methane HC (Paraffin), Acetone, olefins	150

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	C to R	Rs 5 lakhs	Submitted	O & M of PCS	30.06.2020	31.10.2020

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) Industry should monitor effluent quality, stack emissions and ambient air quality monthly.
- 3) 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 failure of pollution control equipments, the production process connected to it shall be stopped.
- 4) 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.
- 5) 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.
- 6) 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.
- 7) 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 Hazardous Waste (M,H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.
- 8) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 9) **The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent**
- 10) 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).
- 11) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 12) Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- 13) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 14) 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.
- 15) The industry should not cause any nuisance in surrounding area.

- 16) 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.
- 17) The applicant shall maintain good housekeeping.
- 18) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a statement on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end, with the Environment Statement.
- 19) 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.
- 20) 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.
- 21) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 22) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended.

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