

MAHARASHTRA POLLUTION CONTROL BOARD

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RED/L.S.I (R1)

Date: 11/03/2024

No:- Format 1.0/AS(T)/UAN No.MPCB-
CONSENT_AMMENDMENT-0000012548/CR/2403000028

To,
M/s.INDIAN OIL CORPORATION LTD. (LPG BOTTLING
PLANT)
Manmad - Nandgaon state highway no-24,
Dhotane Bk.,Tal.Nandgaon,
Dist-Nashik.



Sub: Grant of Amendment in Renewal of Consent to Operate under Red/MSI category

- Ref:**
1. Consent to operate vide no. Format 1.0/AST/UAN No.0000013913/0000014870/O/CC-1703001268 dated 22.03.2017 valid upto 31.12.2021.
 2. Renewal of consent to operate vide no. Format 1.0/AS(T)/UAN No.0000126647/CR/2209002009 dtd. 30.09.2022 valid upto 31.12.2026.

Your application No.MPCB-CONSENT_AMMENDMENT-0000012548 Dated 09.01.2024

For: Grant 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 6 and Rule 18(7) of the Hazardous & Other Wastes (Management & Transboundary Movement) 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 renewal is granted for a period up to 31/12/2026**
2. **The capital investment of the project is Rs.47.0773 Crs. (As per C.A Certificate submitted by industry Existing CI is Rs. 41.86 Crs + Expansion/Increase in C.I. Rs. 5.2173 Crs = Total C.I. Rs. 47.07 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Chemical Name	Tank Capacity	No. of Tanks	Type	MOC	Total Handling	UOM
1	Bulk LPG storage & bottling of LPG cylinders (3 Nos of AG Bullet tanks of 150 MT capacity each and 1 Horton Sphere tank of 1400 MT capacity= Total 1850 MT capacity)	1850	4	AG	MS	10000	MT/M
2	Statutory Testing, Washing, surface preparation & Painting of LPG Cylinders	30000	NA	NA	NA	30000	No/M

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

<i>Sr No</i>	<i>Description</i>	<i>Permitted (in CMD)</i>	<i>Standards to</i>	<i>Disposal Path</i>
1.	Trade effluent	4	As per Schedule -I	On land for gardening
2.	Domestic effluent	3.0	As per Schedule - I	On land for gardening

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

<i>Sr No.</i>	<i>Stack No.</i>	<i>Description of stack / source</i>	<i>Number of Stack</i>	<i>Standards to be achieved</i>
1	S-1	DG set 250 KVA	1	As per Schedule -II
2	S-2	DG set 250 KVA	1	As per Schedule -II
3	S-3	DG set 100 KVA	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

<i>Sr No</i>	<i>Type of Waste</i>	<i>Quantity</i>	<i>UoM</i>	<i>Treatment</i>	<i>Disposal</i>
1	Metal scrap	200	MT/A	NA	TO Authorized vendor by sale

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

<i>Sr No</i>	<i>Category No./ Type</i>	<i>Quantity</i>	<i>UoM</i>	<i>Treatment</i>	<i>Disposal</i>
1	35.3 Chemical sludge from waste water treatment	05	Kg/M	Landfill	CHWTSDF
2	21.1 Process wastes, residues and sludges	500	Kg/M	Incineration	CHWTSDF
3	5.1 Used or spent oil	600	Ltr/A	Recycle*	Sale to authorised party
4	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	240	Nos./Y	Recycle*	Sale to authorised party / CHWTSDF
5	5.2 Wastes or residues containing oil	600	Ltr/A	Incineration	CHWTSDF

- The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- The industry shall also comply with the Industry specific standards notified under Environment Protection Act.
- Industry shall obtain necessary permission from Director of Industrial Safety and Health (DISH).
- Industry shall prepare on-site and off-site emergency plan.
- This consent is issued with the overriding effect to earlier consent issued by the Board vide no. Format 1.0/AS(T)/UAN No.0000126647/CR/2209002009 dtd. 30.09.2022 valid upto 31.12.2026.

14. The applicant shall properly collect, transport & regularly dispose-off the Hazardous Waste to CHWTSDf, in compliance of the Hazardous and other Waste (M & TH) Rule-2016 through online manifest system.
15. This consent is issued as per the delegation of Power issued to HOD vide Office Order No. 12/2020 dtd. 23.12.2020.
16. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.

Received Consent fee of -

<i>Sr.No</i>	<i>Amount(Rs.)</i>	<i>Transaction/DR.No.</i>	<i>Date</i>	<i>Transaction Type</i>
1	375000.00	MPCB-DR-9134	07/12/2021	NEFT
2	25000.00	MPCB-DR-10880	24/03/2022	RTGS

Copy to:

1. Regional Officer, MPCB, Nashik and Sub-Regional Officer, MPCB, Nashik
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] As per your application, you have provided Effluent Treatment Plant (ETP) of designed capacity of 5.00 CMD consisting of Primary (Collection tank, Primary Clarifier/Primary Settling Tank), Tertiary (Pressure sand filter, Dual media filter)
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent:

Sr.No	Parameters	Limiting concentration not to exceed in mg/l, except for pH
Compulsory parameters		
(1)	pH	6.0 -8.5
(2)	BOD (3 days 27°C)	30
(3)	COD	250
(4)	TSS	100
(5)	Oil & Grease	10
(6)	TDS	2100
Additional Parameters		
(7)	Chlorides	600
(8)	Sulphate	1000

- C] The treated effluent shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, effluent shall find its way for gardening / outside factory premises.
2. A] As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 3.0 CMD of sewage.
- B] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way for gardening / outside factory premises.
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 an 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) Act, 1974 and as amended, by installing water meters 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	1.00
2.	Domestic purpose	5.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	6.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0

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:

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

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	DG Set 250 KVA	Stack	5.50	Diesel 50 Kg/Hr	1	SO2	24 Kg/Day
						TPM	150 Mg/Nm ³
S-2	DG Set 250 KVA	Stack	5.50		1	SO2	24 Kg/Day
						TPM	150 Mg/Nm ³
S-2	DG Set 100 KVA	Stack	5.50		1	SO2	24 Kg/Day
						TPM	150 Mg/Nm ³

- 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.
- Industry shall obtain permission from Petroleum & Explosives Safety Organization (PESO) for handling Petroleum Products.
- Industry shall use vapour balancing truck/wagon for transportation of Petroleum Products.
- Truck/Wagon filling bays shall be equipped with vapour collection & treatment system.
- The project authority shall strictly comply with the provision made in manufacture, storage and import of Hazardous chemicals rule, 1989 as amended in 2000 and the Public Liability Insurance act for handling of hazardous chemicals etc. Necessary approvals from Chief controller of explosives, PESO and other authorities must be obtained before commissioning of project. Requisite onsite and offsite disaster management plan shall be prepared and implemented.
- Standards for Emissions of VOC pollutants:

Sr.no	Petrochemical process/ 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

- 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.
- 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(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to R	Rs. 5.0 Lakh	15 days	Towards operation and maintenance of pollution control system	Continuous	31.12.2026

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				



SCHEDULE-IV

General Conditions:

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. 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 MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
5. 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.
6. 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.
7. 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.
8. 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).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. 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 an extension or addition thereto.

12. 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.
13. The PP shall provide personal protection equipment as per norms of Factory Act
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
15. 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.
16. 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.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & 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 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.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. 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).
20. 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.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. 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.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
27. 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.

28. 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 31st March of the year and number of trees planted by September end.
29. 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.
30. 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 provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. 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.
32. 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).
33. 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.

This certificate is digitally & electronically signed.

