



Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church Street, Bengaluru-560001

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Consent For Operation(CFO-Air,Water) - (CfO-Fresh)

**As per the provisions of
The Water (Prevention & Control of Pollution) Act, 1974
&
The Air (Prevention & Control of Pollution) Act, 1981**

To

**Mrpl Marketing Terminal At Devangonhi Bengaluru, Doddadasarahalli
village, Jadigenahalli Hobli, Hoskote Taluk**

for the Facility located at,

**Mrpl Marketing Terminal At Devangonhi Bengaluru, Sy. No(s) :134 (P), 135,
136, 137 (P), 138, 143, 144, 145 (P), Doddadasarahalli village, Jadigenahalli Hobli,
Hoskote Taluk
Bangalore Rural**

Consent Order No	PCBID	INW ID	Industry Colour/Scale	Date of Issue
AW-343597	87975	211244	RED/LARGE	06/06/2024

**This Consent is granted for the Products/ Activity/Service name indicated
in the annexure along with the terms & conditions attached to this order**

Validity through: **02/12/2023 to 30/06/2028**



Combined Consent Order No: AW-343597

PCB ID: 87975

GSC No : PBOXG0000201244

Date: 06/06/2024

Combined consent for discharge of effluents under the Water (Prevention and Control of Pollution) Act , 1974 and emission under the Air (Prevention and Control of Pollution) Act , 1981

- Ref: 1. Application filed by the applicant/organization on 02/12/2023
 2. Inspection of the Industry/organization/by RO, on 21/12/2023
 3. Proceedings of the ECM dated 24/05/2024 , held on 24/05/2024

Consent is hereby granted to the Occupier under Section 25(4) of the Water (Prevention & Control of Pollution) Act, 1974 (herein referred to as the Water Act) & Section 21 of Air (Prevention & Control of Pollution) Act, 1981, (herein referred to as the Air Act) and the Rules and Orders made there under and authorized the Occupier to operate /carryout industry/activity & to make discharge of the effluents & emissions conforming to the stipulated standards from the premises mentioned below and subject to the terms and conditions as detailed in the Schedule Annexed to this order.

Location:

Name of the Industry: Mrpl Marketing Terminal At Devangonhi Bengaluru

Address: Sy. No(s) :134 (P), 135, 136, 137 (P), 138, 143, 144, 145 (P, Doddadasarahalli village, Jadigenahalli Hobli, Hoskote Taluk

Industrial Area: Not In I.A, Devanagonthi,

Taluk: Hoskote, District: Bangalore Rural

CONDITIONS:**a) Discharge of effluents under the Water Act:**

Sr	Water Code	WC(KLD)	WWG(KLD)	Remark
1	Domestic Purpose	20.000	14.000	Shall be treated in STP of capacity 20 KLD capacity to the standards stipulated in Annexure – I (A). Treated sewage conforming to the standards stipulated in Annexure – I (A) shall be utilized on land for gardening within the premises.
2	Others	34.000	6.000	The trade effluent shall be treated in ETP followed by Oil Water Separator (OWS) to the standards stipulated in Annexure-I (B). The treated trade effluent conforming to the standards stipulated in Annexure-I (B) shall be utilised on land for gardening within the premises.

b) Discharge of Air emissions under the Air Act from the following stacks etc.

Sl. No.	Description of chimney/outlet	Limits specified refer schedule
The details of Sources, control equipments and its specification, type of fuel, constituents to be controlled in emissions etc. are detailed in Annexure-II.		

The consent for operation is granted considering the following activities/Products;

Sr	Product Name	Applied Qty	Unit
1	aviation turbine fuel (atf)	24900.0000	Kilo Litres/month
2	Bio diesel	1100.0000	Kilo Litres/month
3	Ethanol	1100.0000	Kilo Litres/month
4	high speed diesel (hsd)	25650.0000	Kilo Litres/month
5	HSD(Underground)	70.0000	Kilo Litres/month
6	Interface	1100.0000	Kilo Litres/month
7	motor spirit (ms)	24000.0000	Kilo Litres/month
8	MS(Underground)	70.0000	Kilo Litres/month
9	Slop(UG)	70.0000	Kilo Litres/month

Validity through : 02/12/202 to 30/06/2028
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To,

Mrpl Marketing Terminal At Devangonhi Bengaluru

Chief General Manager
(HSE)–Department, Mangalore Refinery
and Petrochemicals Lt

COPY TO:

The Environmental Officer, KSPCB, Regional Office Hoskote for information and necessary action.

2. Master Register.
3. Case file.

Consent Fee paid : Rs. 4000000

SCHEDULE

TERMS AND CONDITIONS

A. TREATMENT AND DISPOSAL OF EFFLUENTS UNDER THE WATER ACT.

1. The discharge from the premises of the occupier shall pass through the terminal manhole/manholes where from the Board shall be free to collect samples in accordance with the provisions of the Act/Rules made there under.
- 2(a). The sewage/domestic effluent shall be treated in septic tank and with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be as per IS 2470 Part-I & Part-II.
- 2(b). The treated sewage effluent discharged shall conform to the standards specified in Annexure-I.
- 3(a). The trade effluent generated in the industry shall be treated in the ETP and treated effluent shall confirm to the standards stipulated by the Board in Annexure-I
- 3(b).The trade effluent shall be handed over to CETP and maintain logbook of effluent generated & sent every day.

4. The applicant shall install flow measuring/recording devices to record the discharge quantity and maintain the record.
5. The applicant shall not change or alter either the quality or the quantity or the place of discharge or temperature or the point of discharge without the previous consent/ permission of the Board.
6. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the effluents on the upstream of the terminal manhole where the flow measuring devices are installed.
7. The daily quantity of domestic effluent and trade effluent from the industry shall not exceed the limits as indicated in this consent order:
8. The applicant shall discharge the effluents only to the place mentioned in the Consent order and discharge of treated/untreated outside the premises is not permitted.

B. EMISSIONS:

1. The discharge of emissions from the premises of the applicant shall pass through the air pollution control equipment and discharged through stacks/chimneys mentioned in **Annexure-II** where from the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under. The tolerance limits of the constituents forming the emissions in each of the stacks shall not exceed the limits laid down in Annexure-II.
2. The applicant shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.
3. The applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.

C. MONITORING & REPORTING:

1. The applicant shall get the samples of effluents & emissions collected and get them analyzed once a month/either by in house monitoring laboratory or through EP approved laboratories for the parameters as Indicated in Annexure I & II.
2. The applicant shall maintain log books to reflect the working condition of pollution control systems and also self monitoring results and keep it open for inspection.

D. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:

1. The applicant shall segregate solid waste from Hazardous Waste, Municipal Solid Waste and store it properly till treatment/disposal without causing pollution to the surrounding Environment.
2. The solid waste generated shall be handled & disposed by scientific method without causing eye sore to the general public and to the surrounding environment.

E. NOISE POLLUTION CONTROL:

The applicant shall ensure that the ambient noise levels within its premises during construction and during operational period shall not exceed w.r.t Area/Zone as per Noise Pollution (Regulation and Control) Rules, 2000 as mentioned below:-

- a) In Industrial Area 75 dB(A) Leq during day time and 70 dB(A) Leq during night time.
- b) In Commercial Area 65 dB(A) Leq during day time and 55 dB(A) Leq during night time.
- c) In Residential Area 55 dB(A) Leq during day time and 45 dB(A) Leq during night time.
- d) In Silence Zone 50 dB(A) Leq during day time and 40 dB(A) Leq during night time.

Note: - * Day time shall mean 6 am to 10 pm and Night time shall mean 10 pm to 6 am.

- * dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- * A “decibel” is a unit in which noise is measured.
- * “A”, in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.
- * Leq: It is an energy mean of the noise level over a specified period.

F. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUDARY MOVEMENT) Rules 2016:

The applicant shall comply with the provisions of the Hazardous and other Wastes (Management & Transboundry Movement) Rules 2016.

G. GENERAL CONDITIONS:

1. The applicant shall obtain prior permission from the competent authority for drawing of water from Surface/Ground water source and submit a copy of the same to the Board.
2. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises.
3. The applicant shall promptly comply with all orders and instructions issued by the Board from time to time or any other officers of the Board duly authorized in this behalf.
4. The applicant shall set-up Environmental Cell comprising of qualified and competent personnel for complying with the conditions specified.
5. The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.
6. The applicant shall forthwith keep the Board informed of any accidental discharge of emissions/effluents into the atmosphere in excess of the standards laid down by the Board. The applicant shall also take corrective steps to mitigate the impact.
7. The applicant shall provide alternate power supply sufficient to operate all Pollution control equipments.

8. The entire premises shall always be kept clean. The effluent holding area, inspection chambers, outlets, flow points should be made easily approachable.
9. The applicant shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.
10. The applicant his heirs, legal representatives or assignee shall have no claims whatsoever to the continuation or renewal of this consent after expiry of the validity of consent.
11. The applicant shall make an application for consent for subsequent period at least 120 days before expiry of this consent.
12. The applicant shall develop and maintain adequate green belt all around the periphery.
13. The applicant shall provide rain water harvesting system and shall provide proper storm water management system.
14. This consent is issued without prejudice to any Court Cases pending in any Hon'ble Court
15. The applicant shall furnish the Environmental statement for every financial year ending with 31st March in Form-V as per Environment (Protection) Rules, 1986. The statement shall be furnished before the end of September.
16. The applicant shall display flow diagram of the pollution control system near the pollution control system/s

NOTE:

The Conditions A.2(a) & 3(b) mentioned in the schedule are not applicable.

Additional Conditions:

The applicant shall comply with the Additional Conditions incorporated in Annexure -I, I(A), I(B) & II which is uploaded along with this Consent For Operation(CFO) Order for the period up to 30.06.2028.

Chi m.N o.	Chimne y attached to	Capacity/ KVA Rating	Minimum chimney height to be provided above ground level (in Mts)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Fuel	Air pollution Control equipment to be installed,in addition to chimney height as per col.(4)	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	Any Other	Fire Hydrant pump 540 HP	7	PM,SO2,NOx,C O, NMHC	-,,-	DIE	AEC	
2	Any Other	Fire Hydrant pump 540 HP	7	PM,SO2,NOx,C O, NMHC	-,,-	DIE	AEC	
3	Any Other	Fire Hydrant pump 540 HP	7	PM,SO2,NOx,C O, NMHC	-,,-	DIE	AEC	
4	Any Other	Fire Hydrant pump 540 HP	7	PM,SO2,NOx,C O, NMHC	-,,-	DIE	AEC	
5	Any Other	Fire Hydrant pump 540 HP	7	PM,SO2,NOx,C O, NMHC	-,,-	DIE	AEC	
6	D.G. Sets	DG set of 500 KVA	7	PM,SO2,NOx,C O, NMHC	-,,-	DIE	AEC,PRT	
7	D.G. Sets	Emergen cy DG = 400 KVA	5	PM,SO2,NOx,C O, NMHC	00,00,00,00,00	DIE	AEC,PRT	
8	D.G. Sets	DG set of 500 KVA	7	PM,SO2,NOx,C O, NMHC	-,,-	DIE	AEC,PRT	

Note:

AEC : Accoustic Enclosures

AEC,PRT : Accoustic Enclosures

Note:

1. The DG set shall be provided with acoustic measures as per SI.No.94 in Schedule-I of Environment (Protection)Rules.
2. There shall be no smell or odour nuisance from the industry.

LOCATION OF SAMPLING PORTHOLES, PLATFORMS, ELECTRICAL OUTLET.

1. Location of Portholes and approach platform:

Portholes shall be provided for all chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to atleast eight times the stack or duct diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame for rectangular stacks, the equivalent diameter can be calculated from the following equation.

$$\text{Equivalent Diameter} = \frac{2 (\text{Length} \times \text{Width})}{(\text{Length} + \text{Width})}$$

2. The diameter of the sampling port should not be less than 100 mm dia". Arrangements should be made so that the porthole is closed firmly during the non sampling period
3. An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point of 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.
4. The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.

For and on behalf of the
Karnataka State Pollution Control Board



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ANNEXURE - I

ADDITIONAL CONDITIONS TO ACCOMPANY CONSENT FOR OPERATION ORDER OF M/S. MANGALORE REFINERY AND PETROCHEMICALS LIMITED., (MRPL) MARKETING TERMINAL AT SY.NO. 134(P), 135, 136, 137(P), 138, 143, 144, 145(P), OF DODDADASARAHALLI VILLAGE, JADIGENEHALLI HOBLI, HOSKOTE TALUK, BENGALURU RURAL DISTRICT- 560 067.

M/s. Mangalore Refinery and Petrochemicals Limited., (MRPL) is a Large red category industry located at Marketing Terminal at Sy. No. 134(P), 135, 136, 137(P), 138, 143, 144, 145(P), of Doddadasarahalli Village, Jadigenehalli Hobli, Hoskote Taluk, Bengaluru Rural District- 560 067.

The industry authorities have obtained Consent for Establishment (CFE) from the Board under Water Act, 1974 & Air Act, 1981 vide No.CTE-325113, dated: 27.05.2021, for receiving, storing and dispatching of various petroleum products as mentioned below;

Sl.No.	Products Handled	Total Volume	No. of storage tanks
1	Aviation Turbine Fuel (ATF)	9000 KL each	03
2	Motor Spirit (MS)	9000 KL each	03
3	High Speed Diesel (HSD)	9000 KL each	04
4	Biodiesel	575 KL each	02
5	Interface	1150 KL	01
6	Ethanol	575 KL each	02
7	HSD (underground)	77	01
8	MS (Underground)	77	01
9	Slop (UG)	77	01
10	Fire water storage	5300 KL each	02

Note: The total capacity of products shall not exceed the Licensed Capacity of products i.e., **86610 KL**

Now, the I/A's have filed consent application seeking Combined Consent for Operation (CFO) fresh under Water & Air Act under large red category for the first time for storing of various products the details of tanks and its capacities.

Subsequently BO has sought clarification on the actual quantity of storage and disposal for which the industry authorities vide letter dated: 05.02.2024 has submitted the revised quantities of petroleum products and has requested to consider the same for ensuring CFO.

The subject on disposal of the CFO application was deliberated in the State Level Enforcement Committee Meeting held on 24.05.2024, wherein the committee recommended to issue Consent for Operation (CFO) under Water Act, 1974 & Air Act, 1981 for five year period ending on 30.06.2028 with conditions. Accordingly, Consent for Operation to carryout is hereby issued with following additional conditions.


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- 1) This Consent for Operation is issued under the provisions of the Water Act, 1974 and Air Act, 1981 to the industry to carry out following activity;

Sl	Name of the Product	Storage Capacity of the tanks in KL	No of Storage tanks	Total capacity in KL
1	Motor Spirit (MS)	8000	03	24000
2	Ethanol	550	02	1100
3	Interface	1100	01	1100
4	Aviation Turbine Fuel (ATF)	8300	03	24900
5	Hight Speed Diesel (HSD)	8550	03	25650
6	Biodiesel	550	02	1100
7	HSD (underground)	70	01	70
8	MS (underground)	70	01	70
9	Slop (UG)	70	01	70
Total				78060

The total storage capacity shall not exceed 78060 KL

- 2) This Consent for Operation is granted for the period upto 30.06.2028.

A. TERMS AND CONDITIONS:

I. WATER POLLUTION CONTROL:

1. TREATMENT AND DISPOSAL OF EFFLUENTS UNDER THE WATER ACT:

- i) The daily quantity of effluent generation and discharge shall not exceed the quantity given below;

Sl. No	Purpose	Water consumption in KLD	Waste water generated in KLD	Mode of Treatment and Disposal
1	Domestic purpose	20	14	<ul style="list-style-type: none">• Shall be treated in STP of capacity 20 KLD capacity to the standards stipulated in Annexure – I (A).• Treated sewage conforming to the standards stipulated in Annexure – I (A) shall be utilized on land for gardening within the premises.


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2	Industrial Purpose	34	6	<ul style="list-style-type: none">• Shall be primary treated in ETP followed by Oil Water Separator (OWS) to the standards stipulated in Annexure-I (B).• The treated trade effluent conforming to the standards stipulated in Annexure-I (B) shall be utilised on land for gardening within the premises.
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- ii) The industry authority shall treat the domestic & industrial effluent generated in the STP & ETP and shall operate STP & ETP continuously & scientifically.
- iii) The STP & ETP site and entire premises shall be always kept clean, inspection chamber, outlet, flow measuring points of STP & ETP should be made easily approachable to the inspection Officers.
- iv) The industry authority shall provide flow measuring device at both inlet and outlet of STP & ETP along with separate energy meter.
- v) The industry authority shall display the approved flow sheet of STP & ETP at the site area on a board along with discharge standards stipulated in the consent order and all the ETP treatment units shall be labeled with sign boards.
- vi) **DANGER sign board near the STP shall be installed immediately and maintain safety of the personnel involved in its operation and maintenance. Proper signage shall be displayed in both Kannada & English languages near the taps that discharge treated sewage & treated effluent as non – potable water. Access to the STP shall be given to authorized persons only with issue of necessary permits.**
- vii) **Any illegal discharge of effluent by the transport vehicle into any streams , water bodies, land etc., other than the consented place, the industry authorities will be solely held responsible.**
- viii) The industry authorities shall obtain approval from **Ground Water Authority** for withdrawal of ground water and submit.
- ix) The industry authority shall not allow the discharge from the other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the effluents on the upstream of the terminal manhole where the flow measuring devices are installed.
- x) The industry authority shall take suitable steps so that there will be reduction of the fresh water consumption as well as wastewater generation from the industry.

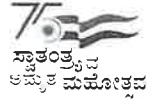
II. AIR POLLUTION CONTROL:

1. The authority shall provide control equipments for the control of emissions. The rate of emissions discharged and the tolerance limits of the constituents forming the emissions in each of the stacks shall not exceed the limits laid down as **Annexure-II**.
2. If there is going to be any new Air pollution sources in future, the project authorities shall apply and obtain consent for establishment for the same from the Board.


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3. Fugitive emission near manufacturing area has to be controlled by adopting advance technology. Progress made in this regard shall be furnished.
4. The industry authorities shall provide control equipment's for the control of emissions.
5. The industry authorities shall provide control equipment's for the control of emissions. As per Hon'ble NGT Directions in O.A. No. 681/2018, Dated: 06.08.2019 and B.O. Notification issued vide No. KSPCB/SEO-Infra-DG/Retrofitting/2021-22/955, Dated: 25.05.2023, all DG Sets of capacity 125 KVA and above are hereby directed to Retrofit the DG Sets with an Emission Control Device/Equipment having a minimum specified Particulate Matter (PM) capturing efficiency of at least 70% in 5 mode D2 cycle and above should result in increase of fuel efficiency are shifting to gas based generators by employing new gas based generators are retrofitting the existing DG Set are partial gas usage.
 - a. Retrofit all operational DG sets of capacity with an Emission Control Device/Equipment. For diesel power generating set engines upto gross mechanical power 800 kW, the emission control device has to be type approved as per CPCB system and procedure for emission compliance Testing of Retro-fit Emission control Devices (RECD).
 - b. For diesel power generating set engines above gross mechanical power of 800 kW or 1000 KVA, the emission control device has to be tested for minimum 70% reduction in Carbon Monoxide, Particulate Matter and Hydrocarbon emissions. The Emission Control Device has to be tested on equivalent KVA rating of the DG set by one of the 04 approved test agencies mentioned supra,. CPCB has formulated procedures for testing in terms of 5-Mode Constant Speed Cycle (*As per D2 Steady State discrete mode test cycle specified in ISO-8178-Part-4*). The equivalent KVA is considered if either the rated power or swept volume of the test engine is in the range of +-25% of the rated power of swept volume of the engine for which the device is being used. **OR**
 - c. Shift to gas-based generators by deploying new gas-based generators or retrofitting the existing DG sets for partial gas usage.

III. HAZARDOUS AND OTHER WASTE (MANAGEMENT AND TRANSBOUNDARY MOVEMENT) RULES 2016;

The industry authorities shall apply and obtain authorization under Hazardous and Other waste (Management and Transboundary Movement) Rules, 2016.

IV. E-WASTE MANAGEMENT RULES, 2016 AND ITS AMENDMENTS.

The Industry authority shall comply with E-Waste Management Rules, 2016 and its amendments and shall create awareness among the employees & nearby community/schools about E-Waste/Plastic waste Management.

V. STORM WATER MANAGEMENT:

The industry authorities establish storm water management plan to not to allow the discharge from the other premises to mix with storm water or run off generated from the said premises. The industry authorities shall establish Rain Water Harvesting System.


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VI. SOLID WASTE MANAGEMENT:

The industry authorities shall collect in the factory premises as sweepings, wastage from packaging, empty containers, residue, sludge including those from air pollution control equipment's shall be disposed-off scientifically to the satisfaction of the Board so as not to cause fugitive emissions, cause fugitive emissions, dust problems or water pollution problems through leaching etc., of any kind.

VII. PLASTIC WASTE MANAGEMENT RULES 2016 AND ITS AMENDMENTS :

The industry shall comply with the provision of Plastic Management Rules, 2016 and its amendment by minimizing plastic waste generation, segregation at source, shall not use SUP etc.,

VIII. SELF-MONITORING AND REPORTING BY THE INDUSTRY:

1. **Stack emission samples shall be carried once in a month from MoEF approved Laboratories and the monitoring results shall be submitted regularly to the Regional Officer**
2. The industry authorities shall carryout the ambient air quantity monitoring and submit the report to the Regional Officer of the Board. The AAQM stations shall be carried as per the requirements under the National Ambient Air Quality Monitoring Standards stipulated.
3. Environmental (Protection) Rules, 1986. Monitoring shall include the parameter, PM_{2.5}, PM₁₀, Sulphur-di-oxide, Nitrogen Oxide. The industry shall furnish both statistically and in graphical format the results once in a year.
4. The industry authorities shall monitor the noise levels on the periphery of the industry at five locations and shall submit the monitoring reports regularly to the Regional Officer.
5. The treated domestic/trade effluents shall be monitored once in a month apart from routine monitoring for process control of STP/ETP. The analysis report shall be submitted to Regional Officer regularly.
6. The industry authorities shall carry out self -monitoring from MoEF approved Laboratories and shall submit the monitoring reports regular to the Regional Office.

XI. SPECIFIC CONDITIONS:

1. **Industrial Authorities shall obtain all other statutory permissions under all such acts whichever is applicable. This consent will not prevent operation of other laws in force. Failing to comply with any such provision will attract penal action under such acts. The Industrial Authorities shall solely be responsible for such violations. This consent should not be used to circumvent any other statutory provisions.**
2. **Industry authorities shall take up awareness programme on lifestyle through adopting themes of LIFE. (visit @missionlife-moefcc-nic.in).**
3. There shall be no smell or odour nuisance from the industry.
4. The industry shall set-up Environmental Cell comprising of qualified and competent personnel for complying with the conditions specified.
5. The industry authorities shall provide solar system for lighting purpose.

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6. The industry authority shall have storm water management, roof top rainwater harvesting and recharge pits management and shall maintain green belt.
7. The industry shall comply with all the consent conditions and furnish report within 30 days to the Regional Officer.
8. The industry authorities shall submit half yearly consent condition compliances report for the period from April to September on or before 30th of October & for October to March on or before 30th April of every year.
9. **The industry authority shall submit MOU made with authorized recovery units or other authorized entities for off-loading the spillages for further scientific treatment and disposal.**
10. **The industry authority shall submit compliance made with the PESO guidelines for storage of the proposed storage of Solvents.**
11. **The industry authority shall submit compliance with the applicable provisions of the MSIHC Rules, 1989 and its amendments and shall not exceed the proposed quantity of storage without prior approval of the Board.**
12. **The industry authority shall submit the details of precautionary measures as approved by the competent authority to avoid any fire disaster.**
13. **The I/A's shall submit VOC monitoring report.**
14. The industry authorities shall create awareness among employees through digital display at prominent locations with respect to E-waste, plastic waste, hazardous wastes including awareness about consumption of non-renewable resources.
15. The consent is issued without prejudice to any Court cases pending in any Hon'ble Court.
16. The industry authorities shall not change or alter either the quality or the quantity or the rate of discharge or route of discharge without prior approval of the Board.
17. There shall not be any complaints against the industry from the surrounding public in respect of Water, Air or Noise/ Solid waste generation.
18. Any major leakage/spillage occurring inside the petrol depot or around the petrol depot during transportation/supply of petrol/any other activity related to the concerned petrol depot shall be reported by petrol depot to the concerned SPCB/ PCC, Petroleum and Explosive Safety Organization (PESO), Oil Industry Safety Directorate and District Administration under Intimation to CPCB within 24 hours of occurrence.
19. The industry authorities shall conduct groundwater monitoring for detection of contamination. Ground water sampling and monitoring for detection of any contamination shall be done through existing piezometer/bore well located within premises of petrol depot or within 50 m from petrol depot (in case no piezometer /bore well exists in petrol depot) at least in three different directions with reference to the expected point of groundwater contamination.
20. Groundwater monitoring wells should be monitored within 30 days of commissioning of the petrol depots . Thereafter, groundwater sampling and analysis should be undertaken annually. Groundwater should compulsorily be sampled and analysed under information to the concerned SPCB/PCC when any leakage occurs or suspected to have occurred.

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21. In case of exceedance of screening values for any parameter or, in case of any major deviation from the baseline data or in case of leakage resulting in soil/groundwater contamination, the Petrol Depot shall immediately inform the concerned SPCB/PCC and shall take immediate action to detect and prevent the leakage; and shall carry out further environmental remediation.
22. The industry authorities shall submit ambient air monitoring report w.r.t. notified ambient hydrocarbon parameters on half yearly basis from any laboratory approved under Environment (Protection) Act, 1986/laboratory accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL) to concerned SPCB/PCC.
23. The industry authorities shall obtain authorization for managing hazardous and other wastes under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 from the concerned SPCB/PCC. Storage, collection, handling and disposal of hazardous and other wastes generated because of tank cleaning, effluent treatment or other activities, shall be carried out as per stipulations of the aforementioned authorization.
24. In case, a major accident occurs the petrol depot shall within 48 hours notify the concerned authority as identified in Schedule 5 (of the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989 as amended) of that accident, and furnish thereafter to the concerned authority a report relating to the accidents in Schedule 6 (of the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989 (as amended)) However, the concerned authorities, local crisis group, District emergency authorities etc. have to be informed by the petrol depot as early as possible.
25. The industry authorities shall ensure carrying out routine leakage detection and leakage monitoring in case of temporary shutdown.
26. Further, soil sample shall be collected from a borehole within the premises of the petrol depot adjacent to the underground storage tank or above ground storage tank. The depth of bore hole should be up to 1m below the bottom of the storage tank level.
27. Ground water and soil quality monitoring shall be conducted by petrol depots once a year through Environment (Protection) Act, 1986 approved laboratories/ NABL accredited laboratories and the reports shall be submitted to concerned SPCB/PCC.
28. The industry authorities shall provide adequate Effluent Treatment Plant or any effluent generated because Oil Water Separator to treat of tank cleaning or cleaning of storage area, contamination of storm water, any other effluent generating activity and shall ensure that the treated effluent complies with the prescribed standards.
29. The industry authorities shall take necessary steps to prevent entry of storm water to the storage area in case storm water gets contaminated, there must be adequate arrangements for collection and treatment of storm water prior to its discharge.
30. The industry authorities shall install vapour recovery system w.r.t. directions issued by CPCB on 18.09 2020 for storage terminals.
31. The industry authorities shall install hydrocarbon sensors along with alarming system at the leakage prone locations to detect any leakage at the earliest.
32. The industry authorities shall ensure compliance of all the provisions of the manufacture, storage and import of Hazardous Chemical Rules, 1989 as amended, as applicable.


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33. The industry authorities shall not commission without taking no objection certificate from the fire department.
34. The industry authorities shall invariably comply with the extant law concerned with safety or prevention of accidents issued by Ministry of Petroleum and Natural Gas/PESO/any other statutory organization, as applicable.
35. The petrol storage depots must provide proper arrangements to prevent and contain the spread of fire/explosion, as per extant and applicable norms and guidelines.
36. The petrol storage depots must have alarming system to inform and alert the surrounding inhabitants in case of any accident or emergency.

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ANNEXURE -I (A)
ONLAND FOR IRRIGATION FOR TREATED SEWAGE

Sl.No	Parameter	Parameters Limit
1	pH	6.5 – 9.0
2	BOD (mg/l)	Not more than 10
3	COD (mg/l)	Not more than 50
4	TSS (mg/l)	Not more than 20
5	NH4-N (mg/l)	Not more than 5
6	N-Total (mg/l)	Not more than 10
7	Fecal Coliform (MPN/100 ml)	Less than 100

HYDRAULIC LOADING APPLICABLE FOR DIFFERENT SOILS

Sl.No.	Soil Texture.	Loading rate in M ³ /Hec/day.
1.	Sandy	225 to 280
2.	Sandy Loam.	170 to 225
3.	Loam.	110 to 170
4.	Clay Loam.	055 to 110
5.	Clayey.	035 to 055

ANNEXURE -I (B)

Standards stipulated for utilization of treated trade effluent on land for gardening within the premises

Sl. No	Parameter	Parameters Limit
1	pH	6.5 – 9.0
2	Oil & Grease (mg/l)	<10mg/L
3	SS (mg/l)	Not more than 100

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ANNEXURE – II

M/s. Mangalore Refinery and Petrochemicals Limited.,(MRPL) Marketing Terminal

Sl. No.	Chimney Attached to	Minimum Chimney Height to be Provided	Constituents to be controlled in the emission.	Tolerance limits Mg/Nm ³	Air Pollution Control equipment to be installed, in addition to Chimney height as per Col (3)
1	500 KVA DG Set	7m ARL	NO _x * NMHC** PM*** CO****	---	with Acoustic Enclosure
2	500 KVA DG Set	7m ARL	NO _x * NMHC** PM*** CO****	---	with Acoustic Enclosure
3	400 KVA DG Set	5m ARL	NO _x * NMHC** PM*** CO****	---	with Acoustic Enclosure
4	Fire Hydrant pump of 540 HP capacity	7m ARL	---“---	---	with Acoustic Enclosure
5	Fire Hydrant pump of 540 HP capacity	5m ARL	---“---	---	with Acoustic Enclosure
6	Fire Hydrant pump of 540 HP capacity	5m ARL	---“---	---	with Acoustic Enclosure
7	Fire Hydrant pump of 540 HP capacity	5m ARL	---“---	---	with Acoustic Enclosure
8	Fire Hydrant pump of 540 HP capacity	5m ARL	---“---	---	with Acoustic Enclosure

NOTE: The Noise level shall not exceed 75 dB(A) leq. During day time (6 AM to 10PM) and 70 dB (A) leq. during night time (10 PM to 6 AM).

* (as NO₂) (at 15% O₂) dry basis in ppmv.

** (as C) (at 15% O₂) mg/Nm³

*** (at 15% O₂) mg/Nm³

**** (at 15% O₂) mg/Nm³


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