



**Consent For Operation
(CFO-Air,Water)**

**Karnataka State Pollution Control Board
- Mangalore
Plot No.10 B,
Baikamapady Indl Area,
Mangalore-575011
Tele : 0824-2408239**

PCB ID: 16526 LARGE

Consent No. AW-103171 GREEN
Valid upto: 31/12/2025

(This document contains 6 pages including annexure)

Combined Consent Order No: AW-103171

Date: 21/10/2016

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

- Ref: 1. Application filed by the industry / organization on 21/10/2016
2. Inspection of the Industry/organization/by RO, - Mangalore on 21/10/2016

Consent is hereby granted 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 subject to the terms and conditions as detailed in the Schedule Annexed to this order.

The Occupier is authorized to operate /carryout industry/activity & to make discharge of the effluents & emissions conforming to the stipulated standards from the premises mentioned below:

Location:

Name of the Industry: Mangalore Refinery And Petrochemicals Limited- SPM Project
Address: Sy No 16,26,27, Tannirbhavi Village
Industrial Area: Not In I.A, Thannirbhavi,
Taluk: Mangalore, District: Dakshina Kannada

Discharge of effluents under the Water Act:

Sr	Water Code	WC(KLD)	WWG(KLD)	Remark
1	Domestic Purpose	0.700	0.560	Septic Tank followed by Soak Pit

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

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

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

Sr	Product Name	Applied Qty/Month	Unit
1	Operation of Booster Pumping Station/Facility for recieving crude oil from SPM	1.0000	--

This consent is valid for the period from 01/07/2016 to 31/12/2025

For and on behalf of the
Karnataka State Pollution Control Board

R. S. Baranik



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PURANIK - Environmental Officer

To,
Mangalore Refinery And Petrochemicals Limited- SPM Project
Mangalore

NOTE:

The following Conditions A (3,7) mentioned above are not applicable.

COPY TO:

1. Master Register.
2. Case file.

1. Consent Fee paid : Rs. 500000

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. 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.

OR

3. The treated sewage effluent discharged shall conform to the standards specified in Annexure-I.



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4. The occupier shall install flow measuring/recording devices to record the discharge quantity and maintain the record.
5. The occupier 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 Occupier 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. Domestic Sewage shall be discharged to Underground drainage System/ Sewers owned by Local body.

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.
2. The occupier 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 Occupier shall upgrade/modify/replace the control equipment with prior permission of the Board.

C. WATER CESS:

1. The Occupier shall provide water meter at all the intake points as specified under Section (5) of the Water Cess Act, 1977 and shall file the Water Cess returns regularly and also pay the Cess assessed with the time stipulated.

D. MONITORING & REPORTING:

1. The occupier shall get the samples of effluents & emissions collected and get them analyzed **once a month/once in 15 days** for the parameters.

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

1. The Occupier 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.

F. NOISE POLLUTION CONTROL:

1. The industry shall ensure that the ambient noise levels within its premises will not exceed the limits i.e **55dB(A) Leq** during day time and **45dB(A) Leq** during night time as specified in the Environment (Protection) Rules.



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G. GENERAL CONDITIONS:

1. The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.
2. The Occupier 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.
3. The Occupier shall provide alternative power supply sufficient to operate all Pollution control equipments.
4. The entire premises shall always be kept clean. The effluent holding area, inspection chambers, outlets, flow measuring points should made easily approachable.
5. The Occupier shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.
6. The Occupier his heirs, legal representatives or assigns shall have no claims what so ever to the continuation or renewal of this consent after expiry of the validity of consent.
7. The Occupier shall make an application for consent at least 45 days before expiry of this consent.
8. The occupier shall maintain register recording the ambient air quality and stack monitoring. The register shall be open for inspection by the Board Officers at all time.

For and on behalf of the
Karnataka State Pollution Control Board

R. S. Puranik

PURANIK - Environmental Officer

Annexure-I

Slno	Characteristics	Tolerance Limits
1	Colour and Odour	See Note
2	Suspended Solids, mg/l.max	30
3	Bio-chemical Oxygen Demand, mg/l, max (3 days at 27 deg/Centigrade)	20

Note: All efforts should be made to remove colour and unpleasant odour as far as practicable.

R. S. Puranik



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Annexure-II

Chim. No.	Chimney attached to	KVA Rating/ Capacity	Minimum chimney height to be provided above ground level (in Mtr)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Air pollution Control equipment to be installed,in addition to chimney height as per col.(4)	Date on which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	D.G. Sets	625 kva DG Set	20	PM(mg/NM3),SO2(PPM),NOx (PPM)	0,0,0	AEC	---
2	Any Other	Diesel Driven Pumps-4 No.	30	PM(mg/NM3),SO2(PPM),NOx (PPM)	0,0,0	AEC	---

Note:

AEC : Accoustic Enclosures

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Note:

1. The Noise levels within the premises shall not exceed 55 dB (A) leq during day time and 45 dB(A) leq during night time respectively.

2. The DG set shall be provided with acoustic measures as per SI.No.94 in Schedule-I of Environment (Protection)Rules.

3. There shall be no smell or odour nuisance from the industry.

R. S. Parank



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LOCATION OF SAMPLING PORTHOLES, THE PLATFORMS, THE 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 3". Arrangements should be made so that the porthole is closed firmly during the period when it is not used for sampling.
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 off 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.



[Handwritten Signature]