



मंगलूर रिफाइनरी एण्ड पेट्रोकेमिकल्स लिमिटेड
MANGALORE REFINERY AND PETROCHEMICALS LIMITED

अनुसूची 'अ' के अंतर्गत भारत सरकार का उद्यम, SCHEDULE 'A' GOVT. OF INDIA ENTERPRISE.

(ऑयल एण्ड नेचुरल गैस कॉर्पोरेशन लिमिटेड की सहायक कंपनी, A SUBSIDIARY OF OIL AND NATURAL GAS CORPORATION LIMITED)

आई.एस.ओ. 9001, 14001 एवं 50001 प्रमाणित कंपनी, AN ISO 9001, 14001 AND 50001 CERTIFIED COMPANY.

सीआईएन/CIN : L23209KA1988GOI008959 / वेबसाइट Website : www.mrpl.co.in

L/MS/KSPCB/7320
26th September, 2023

The Member Secretary
Karnataka Pollution Control Board
No. 49, Parisara Bhavan
Church Street
Bangalore – 560 001

Dear Sir,

**विषय SUB: - Submission of Environment Statement (Form-V) for the year 2022 – 23
for APMC Pumping Station**

We are enclosing herewith the Environmental Statement (Form - V) for the year 2022-23 pertaining to Consent Order issued by the Board for APMC Pumping Station.

धन्यवाद Thanking you,

Yours sincerely,

For Mangalore Refinery & Petrochemicals Limited,

*M.S. Sudarsan
26.9.23*

M.S. Sudarsan
Chief General Manager (Health, Safety and Environment)

Encl: As above

Cc: EO, KSPCB, Mangalore

FD

FORM - V

(See Rule - 14)

Environmental Statement for the financial year ending with 31st March 2023 for APMC Pumping Station

PART-A

- (i) Name and address of the owner / occupier of the industry, operation or process:

Sanjay Varma
Managing Director (Additional Charge) & Director (Refinery)
Mangalore Refinery and Petrochemicals Limited,
Kuthethoor Post, via Katipalla, Mangalore - 575 030
Address of APMC Pumping Station:
APMC yard, Baikampady, Mangalore

- (ii) Industry category

Green Category (Large)

- (iii) Production Capacity:

This facility is provided as per KSPCB / State Govt. Order, dated 31/12/1997. It has an open channel of 500 m length & facility to pump treated effluent to Sea. There is no manufacturing carried out here.

- (iv) Year of Establishment: 1996

- (v) Date of the Last environmental statement: 29th September 2022

120

PART -B

Water and Raw Material Consumption

(i) Water consumption in m³/d

Process Water : NA

Cooling Water : NA

Domestic : 0.125

Name of Products	Water consumption per unit of products	
	During the current Financial year 2021-22	During the current Financial year 2022-23
This facility has an open channel of 500 m length & facility to pump treated effluent to Sea, there is no manufacturing carried out here.	-	-

(ii) Raw material consumption

Name of raw materials	Name of Products	Consumption of raw material per unit of output	
NA	NA	During the current Financial year 2021-22	During the current Financial year 2022-23
This facility has an open channel of 500 m length & facility			

to pump treated effluent to Sea, there is no manufacturing carried out here.		-	-
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PART-C

Pollution discharged to Environment/unit of output

Pollutants	Quantity of Pollutants discharged (mass/day) kg/day	Concentration of Pollutants discharged (mass/volume) mg/l	Percentage of variation from prescribed standards with reasons
(a) Water	Only a small quantity of sanitary sewage is generated and the same is treated in Septic tank and Soak pit		-
(b) Air	DG sets of 250 KVA (2 No) only run in the event of KPTCL power failure. Small quantity of air emissions from DG set stack will take place only during such occasions.		-

PART-D

Hazardous Waste

Hazardous Waste Streams	Total Quantity Generated (Liter)	
	During the current Financial year 2021-22	During the current Financial year 2022-23

1. From process		
Spent Lube Oil(In Litres)	110	100
2. From Pollution Control Facilities	-	-

PART-E

Solid Wastes

Solid Wastes	Total Quantity Generated	
	During the current Financial year 2021-22	During the current Financial year 2022-23
a. From process	-	-
b. From pollution control facilities	-	-
c. Quantity Recycled within the unit	-	-

PART-F

Characteristics and disposal of Hazardous and Solid Waste

Generated spent lube oil is reprocessed in the Refinery along with Crude Oil.

Part – G

Impact of pollution control measures on conservation of natural resources and on the cost of production

Generated spent lube oil is reprocessed in the Refinery along with Crude Oil, thus getting converted into valuable product(s).

APMC pumping station Operation & maintenance cost = 34.69 lakhs.

BP

APMC Power Consumption cost =14.68 lakhs.

Part – H

Additional measures/investment proposal for environmental protection including abatement of pollution (2023-24)

1. Operation & maintenance cost of APMC pumping station is 42.97 lakhs.
2. Environment Management of D.G set is in line with the refinery.

Part – I

Any other particulars in respect of environmental protection including abatement of pollution

1. Adequate Septic Tank & Soak pits are provided to treat Sanitary Sewage generated from toilets provided for the Staff (3 persons).
2. For DG set of 250 KVA (2 No) stacks of adequate height i.e. 9 m (2 No) are provided as stipulated by KSPCB/CPCB for adequate dispersion of pollutants.
3. Acoustic enclosures are provided for the DG sets to reduce noise levels.
4. Environment Management of D.G set is in line with the refinery.

Expenditure details for Environmental Protection during 2022-23,

1. Operation & maintenance cost of APMC pumping station is 34.69 lakhs.
2. APMC Power Consumption cost is 14.68 lakhs.

M. S. Sreedhar
26.9.23
for **Signature of the occupier**

for