



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 / Website :www.mrpl.co.in

L/MS/KSPCB/7011
29th September, 2022

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 2021 – 22
for Sarapady Pumping Station**

We are enclosing herewith the Environmental Statement (Form - V) for the year 2021-22 pertaining to Consent Order issued by the Board for Sarapady Pumping Station.

धन्यवाद Thanking you,

Yours sincerely,

For Mangalore Refinery & Petrochemicals Limited,

*M.S. Sudarsan
29.9.22*

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

Encl: As above

Cc: EO, KSPCB, Mangalore

FORM - V

(See Rule - 14)

Environmental Statement for the financial year ending with 31st March 2022 for Sarapady Pumping Station

PART-A

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

Shri Sanjay Varma
Director Refinery
Mangalore Refinery and Petrochemicals Limited,
Kuthethoor Post, via Katipalla, Mangalore – 575 030

Address of Sarapady Pumping Station:
Shamboor, Sarapady

- (ii) Industry category

Green Category (Large)

- (iii) Production Capacity:

This facility is used to only pump raw water from Nethravathi River to Refinery. There is no manufacturing carried out here.

- (iv) Year of Establishment: 1995

- (v) Date of the Last environmental statement: 30th September 2021

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PART -B

Water and Raw Material Consumption

(i) Water consumption in m³/d

Process Water : NA

Cooling Water : NA

Domestic : 5

Name of Products	Water consumption per unit of products	
	During the previous Financial Year (2020-2021)	During the current Financial Year (2021-2022)
This facility is provided only to transfer raw water, 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	
		During the previous Financial Year (2020-2021)	During the current Financial Year (2021-2022)
NA (This facility is used to only pump raw water from Nethravathi River to Refinery , there is no manufacturing carried out here)	NA	-	-

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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 2100 KVA (2 No) and 45 KVA (1 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 previous Financial Year (2020-2021)	During the current Financial Year (2021-2022)
1. From process		
Spent Lube Oil	1000	380
2. From Pollution Control Facilities	-	-

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PART-E

Solid Wastes

Solid Wastes	Total Quantity Generated	
	During the previous Financial Year (2020-2021)	During the current Financial Year (2021-2022)
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).

Part – H

Additional measures/investment proposal for environmental protection including abatement of pollution (2022-23)

1. Environment Management of D.G set is in line with the refinery.

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Part – I

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

2. Adequate Septic Tank & Soak pits are provided to treat Sanitary Sewage generated from toilets provided for the Staff (5 persons).
3. For DG set of 2100 KVA (2 No) and 45 KVA stacks of adequate height i.e. 30 m (2 No) and 9 m respectively are provided as stipulated by KSPCB/CPCB for adequate dispersion of pollutants.
4. Acoustic hoods/shed and Built-in covers are provided for the DG sets to reduce noise levels.
5. Green belt is developed and maintained in 1.5 Acre area.
6. Environment Management of D.G set is in line with the refinery.

M. S. Sudhakar
29.9.22

Signature of the occupier