



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 कॉरपोरेशन 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/7635  
21<sup>st</sup> September, 2024

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 2023 – 24  
for SPM Booster Pumping Station**

We are enclosing herewith the Environmental Statement (Form - V) for the year 2023-24 pertaining to Consent Order issued by the Board for SPM Booster Pumping Station.

धन्यवाद Thanking you,

Yours sincerely,

For Mangalore Refinery & Petrochemicals Limited,

*M.S. Sudarsan*  
23.9.24  
M.S. Sudarsan  
Chief General Manager (Health, Safety and Environment)

*max*  
Encl: As above

Cc: EO, KSPCB, Mangalore

**FORM - V**  
(See Rule - 14)

**Environmental Statement for the financial year ending with 31<sup>st</sup> March 2024 for SPM Booster Pumping Station**

**PART-A**

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

Mundkur Shyamprasad Kamath  
Managing Director (MD)  
Mangalore Refinery and Petrochemicals Limited (MRPL),  
Kuthethoor Post, via Katipalla, Mangalore – 575 030  
Address of SPM Pumping Station:  
Survey No .16, 26, 27 Thannirbhavi Village, Mangalore

- (ii) Industry category:

Green Category (Large)

- (iii) Production Capacity:

This facility is used to only transfer Crude Oil from Cargo Ships to Refinery.  
There is no manufacturing carried out here.

- (iv) Year of Establishment: 2012

- (v) Date of the Last environmental statement: 26<sup>th</sup> September 2023

**PART -B**

**Water and Raw Material Consumption**

- (i) Water consumption in m<sup>3</sup>/d
- |               |       |
|---------------|-------|
| Process Water | : NA  |
| Cooling Water | : NA  |
| Domestic      | : 0.7 |

Name of Products	Water consumption per unit of products	
	During the previous financial Year <b>(2022-2023)</b>	During the current Financial Year <b>(2023-2024)</b>
This facility is provided only to transfer Crude Oil, 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 <b>(2022-2023)</b>	During the current Financial Year <b>(2023-2024)</b>
NA  (This facility is used to only transfer Crude Oil from Cargo Ships to Refinery, there is no manufacturing carried out here)	NA	-	-

**PART-C**

**Pollution discharged to Environment/unit of output**

Pollutants	Quantity of Pollutants discharged (mass/day) <b>kg/day</b>	Concentration of Pollutants discharged (mass/volume) <b>mg/l</b>	Percentage of variation from prescribed standards with reasons

*man*

<b>(a) Water</b>	Only a small quantity of sanitary sewage is generated and the same is treated in Septic tank and Soak pit	-
<b>(b) Air</b>	DG set of 625 KVA (1 No) only runs 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**

<b>Hazardous Waste Streams</b>	<b>Total Quantity Generated (Liter)</b>	
	During the previous Financial Year <b>(2022-2023)</b>	During the current Financial Year <b>(2023-2024)</b>
<b>1. From process</b>		
Spent Lube Oil (In litres)	120	4000
<b>2. From Pollution Control Facilities</b>	-	-

**PART-E**

**Solid Wastes**

<b>Solid Wastes</b>	<b>Total Quantity Generated</b>	
	During the previous Financial Year <b>(2022-2023)</b>	During the current Financial Year <b>(2023-2024)</b>

*max*

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 (2024-2025)**

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 625 KVA and Diesel driven pump stacks of adequate height i.e. 20 m and 30 m respectively are provided as stipulated by KSPCB/CPCB for adequate dispersion of pollutants.
3. Acoustic enclosures are provided for the DG set to reduce noise levels.
4. Environment Management of D.G set is in line with the refinery.

*M S Kedar*  
23.9.24  
**Signature of the occupier**

*mar*