



**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/7012  
29<sup>th</sup> 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 SPM Booster 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 SPM Booster 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 31<sup>st</sup> March 2022 for SPM Booster 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 SPM Pumping Station:  
Survey No/Plot 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: 30<sup>th</sup> September 2021

MS

**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

<b>Name of Products</b>	<b>Water consumption per unit of products</b>	
	<b>During the previous Financial Year  (2020-2021)</b>	<b>During the current Financial Year  (2021-2022)</b>
This facility is provided only to transfer Crude Oil, there is no manufacturing carried out here.	-	-

(ii) Raw material consumption

<b>Name of raw materials</b>	<b>Name of Products</b>	<b>Consumption of raw material per unit of output</b>	
		<b>During the previous Financial Year  (2020-2021)</b>	<b>During the current Financial Year  (2021-2022)</b>
NA  (This facility is used to only transfer Crude Oil from Cargo Ships to Refinery, there is no manufacturing carried out here)	NA	-	-

my

### PART-C

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

<b>Pollutants</b>	<b>Quantity of Pollutants discharged (mass/day) kg/day</b>	<b>Concentration of Pollutants discharged (mass/volume) mg/l</b>	<b>Percentage of variation from prescribed standards with reasons</b>
<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>	
	<b>During the previous Financial Year (2020-2021)</b>	<b>During the current Financial Year (2021-2022)</b>
<b>1. From process</b>		
Spent Lube Oil	4000	Nil
<b>2. From Pollution Control Facilities</b>	-	-

mg

## **PART-E**

### **Solid Wastes**

<b>Solid Wastes</b>	<b>Total Quantity Generated</b>	
	During the previous Financial Year  <b>(2020-2021)</b>	During the current Financial Year  <b>(2021-2022)</b>
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 (2022-2023)**

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

*my*

## **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 (3 persons).
3. 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.
4. Acoustic enclosures is provided for the DG set to reduce noise levels.
5. Environment Management of D.G set is in line with the refinery.

*M. Sudhakar*  
*29.9.22*  
*for* **Signature of the occupier**