



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/MoEF&CC/7524
29th May, 2024

The Director
Ministry of Environment, Forest & Climate Change,
4th Floor, E&F Wing, Kendriya Sadan,
Koramangala, Bengaluru – 560 034

Dear Sir,

विषय Subject:- Submission of Compliance to the Environmental Clearance(s) along with monitoring data

Please find enclosed herewith point wise compliance to the following Environmental Clearance(s) issued to MRPL by Ministry of Environment, Forest & Climate Change (MoEF & CC), New Delhi.

1. Letter No. J-11011/6/89-IA.II dated 1st February 1991 (Phase-I Project)

Half yearly compliance report submitted on the MOEFCC, Parivesh portal are attached here.

धन्यवाद Thanking You,

भवदीय Yours sincerely,

मंगलूर रिफाइनरी एण्ड पेट्रोकेमिकल्स लिमिटेड
For Mangalore Refinery & Petrochemicals Limited,

सुदर्शन

एम.एस सुदर्शन M.S Sudarsan
मुख्य महा प्रबंधक (स्वास्थ्य, संरक्षा एवं पर्यावरण)
Chief General Manager (Health, Safety and Environment)

Encl: As above

Cc: Zonal Office, CPCB, Bengaluru
Head Office, KSPCB, Bengaluru



परिवेश
PARIVESH
(CPC GREEN)

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

Ministry of Environment, Forest and Climate Change



75
आज़ादी का
अमृत महोत्सव



सत्यमेव जयते

Back

View Compliance Report at Project Proponent

Proposal Details

Proposal No

J-11011/6/89-IA.II

Category

Industrial Projects - 2

Name of Project

New Refinery at Mangalore -Mangalore Refinery and Petrochemicals Limited (Phase-1)

Plot / Survey/ Khasra No.**Village(s)****Sub-District(s)****State**

KARNATAKA

District

DAKSHINA KANNADA

MoEF File No

J-11011/6/89-IA.II

**Name of the Entity/
Corporate Office**

Mangalore Refinery & Petrochemicals Limited

Entity's PAN

NA

Entity Name as per PAN

NA

Entity details mentioned above is correct ?

Agree

Project KML

[View on DSS](#)

Covering Letter

Covering Letter[Click to View](#)**Compliance Reporting Details****Reporting Year**

2023

Reporting Period

01 Jun(01 Oct - 31 Mar)

Remark(if any)

Reporting Year 2023-24

Details of Production and Project Area**Date of Commencement of Project/Activity**

02-02-1991

	Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	1592	1592
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	1592	1592

Sr.No.	Name of the Product	Units	As per EC Granted	As per CTO Granted	CTO ID	Valid Up To	Production during last financial year
1	LPG	Million Tons per Annum (MTPA)	1.26	1.26	AW-337260	30-06-2026	1.02
2	Naphtha	Million Tons per Annum (MTPA)	1.771	1.771	AW-337260	30-06-2026	1.05
3	Motor Spirit	Million Tons per Annum (MTPA)	1.96	1.96	AW-337260	30-06-2026	2.26
4	Kerosene	Million Tons per	0.05	0.05	AW-337260	30-06-2026	0.04

		Annum (MTPA)					
5	Diesel	Million Tons per Annum (MTPA)	6.47	6.47	AW-337260	30-06-2026	6.20
6	ATF	Million Tons per Annum (MTPA)	2.04	2.04	AW-337260	30-06-2026	2.09
7	Fuel Oil	Million Tons per Annum (MTPA)	0.37	0.37	AW-337260	30-06-2026	0.29
8	Butimen	Million Tons per Annum (MTPA)	0.19	0.19	AW-337260	30-06-2026	0.12
9	Sulphur	Million Tons per Annum (MTPA)	0.31	0.31	AW-337260	30-06-2026	0.23
10	Mixed Xylene	Million Tons per Annum (MTPA)	0.002	0.002	AW-337260	30-06-2026	0.001
11	Pet Coke	Million Tons per Annum (MTPA)	1.12	1.12	AW-337260	30-06-2026	0.81
12	Polyprpylene	Million Tons per Annum (MTPA)	0.51	0.51	AW-337260	30-06-2026	0.38
13	VGO	Million Tons per Annum (MTPA)	0.15	0.15	AW-337260	30-06-2026	0.27

Conditions

Specific Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents
--------	-------------------	-------------------	--

1	Statutory compliance	The funds earmarked for the environmental protection measures should not be diverted for other purposes and year-wise expenditure should be reported to this Ministry	PPs Submission	Noted Complied Attachment:NA
2	MISCELLANEOUS	The Ministry or any other competent authority may stipulate any further condition after reviewing the comprehensive impact assessment report or any other reports prepared by project authorities.	PPs Submission	Noted. Complied Attachment:NA
3	MISCELLANEOUS	The Ministry may revoke clearance if implementation of the conditions is not satisfactory	PPs Submission	NOTED. Complied Attachment:NA
4	Statutory compliance	The above conditions will be forced inter-alia along with the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981 and Environment (Protection) Act, 1986, along	PPs Submission	Noted. Complied Attachment:NA

		with their amendments	
--	--	-----------------------	--

General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents	
1	Statutory compliance	The Project authority must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government and a comprehensive EIA will be submitted within 18 months	PPs Submission	EIA submitted and all KSPCB stipulations being adhered to. Complied Attachment:NA
2	MISCELLANEOUS	Any expansion of the plant, either with the existing product mix or new products can be taken up only with the prior approval of this Ministry	PPs Submission	Noted and being followed. Any expansion of the plant either with the existing product mix or new products will be taken up only with the prior approval of this Ministry. Complied Attachment:NA
3	AIR QUALITY MONITORING AND PRESERVATION	The gaseous emissions from various process units should conform to the standard prescribed by the concerned authorities from time to time. At no time, the emission level should go beyond the stipulated standards. In the event of	PPs Submission	Noted & being complied. The gaseous emission from various process units is conformed to the standard prescribed by the concerned authorities from time to time. Being Complied Attachment:NA

failure of any pollution control system adopted by the unit, the respective unit should be put out of operation immediately and should not be restarted until the control measures are rectified to achieve the desired efficiency.

4	AIR QUALITY MONITORING AND PRESERVATION	Adequate number (a minimum of 5) of air quality monitoring stations should be set up in the downwind direction as well as where maximum ground level concentration is anticipated. Also, stack emission should be monitored by setting up of automatic stack monitoring unit. The data on stack emission should be submitted to State Pollution Control Board once in three months and to this Ministry once in six months along with the statistical analysis. The air quality monitoring	PPs Submission	Complied. Total 10 nos. AAQ stations are installed in consultation with KSPCB and readings are being submitted to the Board regularly. Data on stack emission being submitted to State Pollution Control Board once in three months and to this Ministry once in six months along with the statistical analysis. Online Analyzers are provided in all major stacks attached to various heaters. The online data is being continuously transferred to CPCB and KSPCB. Complied Attachment: Click to View
---	---	--	----------------	--

		station should be selected on the basis of modelling exercise to represent the short-term ground level concentration.		
5	Statutory compliance	There should be no change in the stack design without approval of State Pollution Control Board. Alternate Pollution Control System and proper design (Steam injection system) the stack should be provided to take care of excess emission due to failure in any system of the plant	PPs Submission	Noted and complied. Complied Attachment:NA
6	WASTE MANAGEMENT	The project authority should recycle the waste to the maximum extent. The recycling plan should be submitted within one year. Liquid effluent coming out of plants should meet the stipulated standards and disposed only into the identified outfall point in the sea as recommended in the NIO study after using for green belt	PPs Submission	Treated effluent being recycled to cooling towers to the maximum extent and balance is discharged to sea through a submarine pipeline of 650 m length and at 6.5 m depth as identified by NIO. A standby pipeline also provided for any contingency. Healthiness of the Submarine Pipeline is being monitored by M/s. NIO every year. Complied Attachment:NA

		development to the maximum extent possible.		
7	WASTE MANAGEMENT	The project authority should prepare a well-designed scheme for solid waste disposal generated during various processes operation or in treatment plant. The plan for disposal should be submitted to the Ministry within six months.	PPs Submission	MRPL have reduced generation of sludge quantities drastically due to innovative usage of H2O2 in place of Chlorinated Copperas for Refinery Waste Water Treatment.MRPL has designed a system for reprocessing of oily sludge in Delayed Coking Unit (DCU). Further, Oily sludge is being disposed to Cement Industries for Co-processing in their unit. Complied Attachment: Click to View
8	MISCELLANEOUS	An ecological study at the marine outfall point should be initiated immediately and report submitted within three years. The terms of reference of this study should be finalised in consultation with this Ministry	PPs Submission	Noted and Complied. Complied Attachment:NA
9	MISCELLANEOUS	The project authority will relocate residential complexes in keeping with the State Government stipulations and will prepare a well designed township for displaced	PPs Submission	The rehabilitation colony has developed at Chelairu village and all project evacuees have been accommodated there. Complied Attachment:NA

		persons and will submit within six months to this Ministry for review.			
10	MISCELLANEOUS	The project proponent must take up with the Government of Karnataka for restriction urban sprawl and growth of ancillaries and growth of informal sector within 5 KMS of project site. A master plan must be submitted within one year.	<table border="1"> <tr> <td>PPs Submission</td> <td>Noted and Complied Complied Attachment:NA</td> </tr> </table>	PPs Submission	Noted and Complied Complied Attachment:NA
PPs Submission	Noted and Complied Complied Attachment:NA				
11	GREENBELT	The project authority will submit to this ministry for review a well designed plan for afforestation in the hill slopes of plateau within six months and will afforest all vacant lands which are not used for plant utility. The land shown for further expansion must also be afforested in consultation with Forest Department. The minimum tree density should be 1000 per acre. A detailed green belt plan which interalia	<table border="1"> <tr> <td>PPs Submission</td> <td>Total project area of MRPL is around 1592 acres; Greenbelt area comprises of 54 types of tree species spread over 539.4 acres (33.9% Greenbelt area) including compensatory afforestation at Pilikula in 50 acres and at Bengre in 25 acres. Complied Attachment:NA</td> </tr> </table>	PPs Submission	Total project area of MRPL is around 1592 acres; Greenbelt area comprises of 54 types of tree species spread over 539.4 acres (33.9% Greenbelt area) including compensatory afforestation at Pilikula in 50 acres and at Bengre in 25 acres. Complied Attachment:NA
PPs Submission	Total project area of MRPL is around 1592 acres; Greenbelt area comprises of 54 types of tree species spread over 539.4 acres (33.9% Greenbelt area) including compensatory afforestation at Pilikula in 50 acres and at Bengre in 25 acres. Complied Attachment:NA				

		including type of plants, plantations schedule and a monitoring programme (preferably with physical inspection every six month) and indicating milestones on a PERT CHART should be submitted to this department within six months		
12	MISCELLANEOUS	The project authorities will maximise the use of well designed pipeline for the transport of input material and finished product to avoid road congestion.	PPs Submission	All the input and output materials are transported by well designed pipelines. Complied Attachment:NA
13	Risk Mitigation and Disaster Management	A detailed risk analysis based on Maximum Credible accident analysis should be done once the process design and layout is frozen. Based on this a disaster management plan has to be prepared and after approval by the concerned nodal agency, should be submitted to this Ministry	PPs Submission	Prepared & Submitted. Complied Attachment:NA

		within six months.		
14	MISCELLANEOUS	The project authority must set up a laboratory facility for collection and analysis of samples under the supervision of competent technical personnel who will directly report to the Chief Executive	PPs Submission	Complied. Complied Attachment:NA
15	MISCELLANEOUS	A separate environmental management cell with suitably qualified people to carry out various functions should be set up under the control of senior executive who will report directly to the head of the organisation	PPs Submission	MRPL is having a separate Environment Management Cell headed by Chief General Manager (CGM) and having required laboratory infrastructure earmarked for Environmental cell activities. Complied Attachment:NA
16	WATER QUALITY MONITORING AND PRESERVATION	Adequate number of effluent quality monitoring stations must be set up in consultation with the State Pollution Control Board and the effluents monitored, and, should be statistically analysed and the report sent to this Ministry one in six months and to	PPs Submission	Complied. Daily analysis reports are being submitted to KSPCB on monthly basis. Also, Treated effluent from APMC yard is monitored and analysis reports are submitted to KSPCB on monthly basis. In addition M/s. College of Fisheries, Mangalore is monitoring at 10 stations (7 inside the sea at Marine Outfall Point + 3 on the shore) on fortnightly basis. No adverse effects on the marine ecosystem observed till date. Online Continuous Monitoring

the Pollution Control Board once in three months. If the effluent quality at any time, exceeds the standards prescribed, the corresponding units of the plant which are contributing to the excessive pollutant load shall be immediately stopped from operation till the quality of pollutants discharged from the units are brought down to the required level.

stations installed for monitoring treated effluent as per CPCB guidelines.
Complied
Attachment: [Click to View](#)

Document uploaded by the PP

Last Site Visit Report (if available)

[Click to View](#)

Last Site Visit Report Date (if available)

18-09-2022

Additional Attachment (if any)

[Click to View](#)

Additional Remarks (if any)

- I '[Mangalore Refinery & Petrochemicals Limited](#)' hereby give undertaking that the data and information given in the filed compliance and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage, the clearance given to the project will be revoked at our risk and cost. In addition to above, I hereby give undertaking that no activity such as change in project layout, construction, expansion, etc. has been taken up without due approval.

Cover Letter From RO/SRO

Cover Letter From RO/SRO

NA

Back