



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/MoEF&CC/7526
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 – 21-383/2007-IA- III dated 3rd April, 2008 (Phase-III Expansion 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

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View Compliance Report at Project Proponent

Proposal Details

Proposal No

J-21-383/2007-IA- III

Category

Industrial Projects - 2

Name of Project

Setting up of Phase-I of Special Economic Zone at Mangalore, MRPL Phase-III

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

KARNATAKA

District

DAKSHINA KANNADA

MoEF File No

J -21-383/2007-IA- III

**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)

Setting up of Phase-I of Special Economic Zone at Mangalore, MRPL Phase-III. Reporting Period 2023-24.

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

04-04-2008

	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	Motor Spirit	Million Tons per Annum (MTPA)	1.96	1.96	AW-337260	30-06-2026	2.26
3	Kerosene	Million Tons per Annum (MTPA)	0.05	0.05	AW-337260	30-06-2026	0.04

4	Naphtha	Million Tons per Annum (MTPA)	1.771	1.771	AW-337260	30-06-2026	1.05
5	Diesel	Million Tons per Annum (MTPA)	6.47	6.47	AW-337260	30-06-2026	6.20
6	Bitumen	Million Tons per Annum (MTPA)	0.19	0.19	AW-337260	30-06-2026	0.12
7	Sulphur	Million Tons per Annum (MTPA)	0.31	0.31	AW-337260	30-06-2026	0.18
8	Mixed Xylene	Million Tons per Annum (MTPA)	0.002	0.002	AW-337260	30-06-2026	0.005
9	VGO	Million Tons per Annum (MTPA)	0.15	0.15	AW-337260	30-06-2026	0.27
10	ATF	Million Tons per Annum (MTPA)	2.04	2.04	AW-337260	30-06-2026	2.09
11	Fuel Oil	Million Tons per Annum (MTPA)	0.37	0.37	AW-337260	30-06-2026	0.29
12	Pet Coke	Million Tons per Annum (MTPA)	1.12	1.12	AW-337260	30-06-2026	0.81
13	Polypropylene	Million Tons per Annum (MTPA)	0.51	0.51	AW-337260	30-06-2026	0.38

Conditions

Specific Conditions

Sr.No.	Condition	Condition Details	Status of Compliance,Remarks / Reason
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	Heading		and Supporting Documents	
1	Statutory compliance	(i)No objection Certificate from the Karnataka State Pollution Control Board shall be obtained before initiating the project.	PPs Submission	Consent for Establishment (CFE) for the MRPL Phase-III Project has obtained from KSPCB ref. No.PCB / 426 / CFE / 08 / 247 dated 08-08-2008. Complied Attachment:NA
2	MISCELLANEOUS	(ii) The MSEZ project shall be restricted to the Phase-I of the project, proposed over 1,800 acres. The phase II of the project shall be considered by Ministry of Environment and Forests only after receipt of all requisite documents/information as laid down in the Environmental Impact Assessment Notification, 2006 and Coastal Regulation Zone Notification, 1991 as applicable.	PPs Submission	This point pertains to M/s MSEZL for compliance. Complied Attachment:NA
3	Marine/Coastal	(iii)All Development in the Coastal Regulation Zone area shall be in accordance with the Coastal Regulation Zone Notification, 1991. No destruction of mangroves shall be undertaken except while undertaking the permissible activities in the Coastal Regulation Zone-1 areas.	PPs Submission	Noted and followed as applicable. Complied Attachment:NA
4	Marine/Coastal	(iv)The project proponent shall not take up any activity in 875 acres of Coastal Regulation Zone land, other than those permissible under the Coastal Regulation Zone Notification 1991	PPs Submission	Noted and followed as applicable Complied Attachment:NA

		such as pipeline corridors, pipelines roads on stilts.		
5	MISCELLANEOUS	<p>(v) With regard to the containing the suspected contamination of the groundwater near Atturkodi area of Kuthethoor village, MRPL have given an undertaking vide their letter dated 19.3.2008 which is as follows:- (a) "Implementation of recommendation of NGPRI will be started immediately after submission of their report. (b) Depending upon the nature of their recommendations, we will make efforts to complete necessary actions within 6 months from the date of receipt of their report. (c) In addition to above, a daily vigil is already in place to take samples from different places and to monitor any suspected oil leakage. This will continue till the problem is resolved. (d) We are also in continuous contact with the residents in the surround areas with regard to any contamination". KSPCB and MRPL shall ensure that (a) to (d) above is implemented in a time bound manner and a monthly report on the progress of the activities provided to the Regional Office of this Ministry at Bangalore. For this purpose a separate budget would be allocated by MRPL.</p>	PPs Submission	<p>Copy of the final report from M/s. NGRI submitted to MoEF and KSPCB on 16/7/2009 and 2/7/2009 respectively. All Recommendations implemented. Monthly sample is being collected from Atturkodi along with KSPCB and found no oil content present in the water stream Daily vigil was maintained. We are also in continuous contact with the residents in the surround area. NGRI study completed & MRPL has complied with all the recommendations of the report. Further as directed by KSPCB, M/s. National Institute of Hydrology (NIH), Belgaum is engaged to conduct Hydrogeological study in the entire refinery complex. Study has completed and implementation of the recommendation is completed. MRPL has submitted a letter vide no. L/MS/MoEFCC/6038 dated 29-05-2019 to the Ministry of Environment, Forest and Climate Change, Bengaluru regarding status on</p>

				suspected oily water seepage into Atturkodi village Complied Attachment:NA
6	MISCELLANEOUS	(vi)The project proponent shall obtain a report from the Wildlife Department with regard to existence of wildlife in the proposed site as claimed by the public before implementing the project.	PPs Submission	This point pertains to M/s. MSEZL for compliance. Report from the Forest Dept. is obtained & submitted to Ministry by MSEZL Complied Attachment:NA
7	MISCELLANEOUS	(vii)The R&R package shall be strictly in accordance with the laid down norms of the State Government.	PPs Submission	This point pertains to M/s. MSEZL for compliance. Further, MRPL abide by the directions of State Govt. regarding the implementation of the R&R package to the extent applicable. Complied Attachment:NA
8	Marine/Coastal	(viii) A marine Environment Impact Assessment and Risk Assessment along with the Disaster Management Plan shall be prepared for the outfall facilities proposed in the Coastal Regulations Zone and the marine areas.	PPs Submission	This point pertains to M/s. MSEZL for compliance. Complied Attachment:NA
9	AIR QUALITY MONITORING AND PRESERVATION	(ix) Project proponent shall put up a dedicated website and a display panel to inform the public regarding the Ambient Air Quality along with SO ₂ , NO _x and other parameters as prescribed by Central	PPs Submission	Digital Display Board at MRPL Cargo gate and web site display Stack quality parameter, SO ₂ , NO _x , PM ₁₀ , PM _{2.5} , Ambient Air quality monitoring

		Pollution Control Board (CPCB).		parameter, treated effluent quality monitoring parameter and % recycling of treated effluent water. MRPL web site displays the Ambient Air quality monitoring parameters such as SOx, NO2, CO, PM10, PM2.5 etc. Complied Attachment:NA
10	AIR QUALITY MONITORING AND PRESERVATION	x)The gaseous emissions (SO2, NOx, HC, VOC and Benzene) from various process units shall conform to the standards prescribed by the concerned State Pollution Control Board. All the measures detailed in the EMP and response to the Public Hearing shall be taken to control the point/stack and fugitive gaseous emissions from the proposed facilities, processes and storage units etc., for ensuring that the ambient air quality around the Refinery due to the expansion is maintained at the predicted 24 hourly average maximum concentration.	PPs Submission	The Detailed Engineering of the Phase-III processing facilities carried out to meet the standards set for gaseous emissions, as applicable. Further, the following aspects considered for ensuring the Ambient air quality around the Refinery due to expansion is maintained at the predicted 24 Hourly average maximum concentration. (a) The low Sulphur in Liquid Fuel oil is used in the heaters/boilers. (b) The Design efficiency of the Sulphur Recovery units are 99.9% against the stipulation of 99.5%. (c) Low NOx burners have been installed for all the fired heaters. (d) Vapour Recovery scheme from storage tanks for high RVP materials is implemented. (e)

				<p>Double seal arrangement is implemented in all storage tanks being built. (f) VOC treatment system is implemented in the Waste water treatment plant. (g) The heights of the stacks are either equal to or more than the values considered during EIA studies. (h) Separate and closed system for Spent Caustic treatment (Wet Air Oxidation Process) is commissioned. Moreover, with a view to be proactive, the Phase-III facilities (Process furnaces and boilers and Gas turbines) have designed to burn Natural gas also. Complied Attachment:NA</p>
11	AIR QUALITY MONITORING AND PRESERVATION	(xi)The emission levels of the other pollutants shall also remain within the permissible levels.	PPs Submission	<p>Emission levels of the pollutants maintained within the permissible levels. Complied Attachment:NA</p>
12	Statutory compliance	(xii)The industrial units in the SEZ and the associated facilities shall be strictly in accordance with the norms laid down by the Karnataka State Government and CPCB.	PPs Submission	<p>MRPL is committed to the full compliance to the norms laid down by KSPCB and CPCB. Complied Attachment:NA</p>
13	GREENBELT	(xiii) The project proponent shall ensure that the greenery of	PPs Submission	<p>Total project area of MRPL is around</p>

		<p>the area is maintained. Further, 33% of the project area shall be dedicated for green belt development of which at least 5% shall be for mangrove afforestation. The local Forest Department shall be associated for this purpose and requisite budget earmarked.</p>		<p>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. MRPL has planted saplings in the vicinity of Phase – III area. Majority of the plantation is done in the stretch between DCU/SRU/Coke Laydown area towards Jokatte Village side. Complied Attachment:NA</p>
14	WATER QUALITY MONITORING AND PRESERVATION	<p>(xiv) The project proponent shall ensure that the water requirement of the Mangalore city does not get affected due to the SEZ operation. Adequate provision shall be made in the reservoirs to provide for the water requirement of the cities.</p>	PPs Submission	<p>This point pertains to M/S MSEZL for compliance. Complied Attachment:NA</p>
15	MISCELLANEOUS	<p>(xv) The project proponent shall ensure that during construction and operation of the project the traffic in the city is not affected.</p>	PPs Submission	<p>MRPL has developed an exclusive road for moving large consignments from the NMPT port to Phase-III project site. This drastically reduced the movement of consignments in other roads. The same road is being used to the maximum for</p>

				<p>movement of products during operation Phase. Further new fly over constructed was made operational which drastically reduced truck movement through habitation. Complied Attachment:NA</p>
16	MISCELLANEOUS	<p>(xvi) All precautions of the highest standards shall be incorporated in the design of the project to ensure that there is no chance of emission/leakage of hazardous chemicals including Benzene. Detailed monitoring program shall be designed and the information provided to the public through display and dedicated website by means of online monitoring.</p>	PPs Submission	<p>The MRPL Phase-III project processing facilities is designed conforming to the standards as applicable to a refinery project (Such as OISD guidelines, API standards etc). There is no Benzene production from the MRPL Phase-III Units. Leak Detection and Repair (LDAR) program is implemented. Complied Attachment:NA</p>
17	MISCELLANEOUS	<p>(xvii)Low Sulphur internal fuel oil and fuel gas shall be fired in process heaters and boilers.</p>	PPs Submission	<p>Low Sulphur internal fuel oil and fuel gas is being fired in process heaters and boilers. Complied Attachment:NA</p>
18	AIR QUALITY MONITORING AND PRESERVATION	<p>(xviii)Quarterly monitoring of fugitive emissions shall be carried out by Fugitive Emission Detectors (GMI Leak Surveyor). Guidelines of CPCB will be followed for monitoring fugitive</p>	PPs Submission	<p>The monitoring and reporting of fugitive emissions being carried out as per stipulations. All unsaturated Hydrocarbons are designed to be</p>

		emissions. For control of fugitive emissions, all unsaturated hydrocarbons shall be routed to the flare system. The flare system shall be designed for smokeless burning. Flare Gas Recovery System shall be installed for reduction of Hydrocarbon loss and emission of VOCs, NOx, N2O, SOx & CO2 to the environment.		routed to flare system, as required and the flare system is designed for smokeless burning. Further during normal operation the system is designed for minimum / Zero flaring. Flare gas recovery system installed to recover hydrocarbon flare gases which is connected to the fuel gas header for utilizing the same in process heaters. Complied Attachment: Click to View
19	AIR QUALITY MONITORING AND PRESERVATION	(xix)Regular Ambient Air Quality Monitoring shall be carried out. The location and results of existing monitoring stations shall be reviewed in consultation with the concerned State Pollution Control Board based on the occurrence of maximum ground level concentration and downwind direction of wind. Additional Stations shall be set up, if required. It shall be ensured that at least one monitoring station is set up in up-wind & down-wind direction along with those in other directions.	PPs Submission	Currently MRPL has 10 nos. AAQ monitoring stations located in consultation with the KSPCB including 4 numbers AAQ monitoring stations added exclusively to monitor Phase III areas . Complied Attachment: Click to View
20	AIR QUALITY MONITORING AND PRESERVATION	(xx)On-line data for air emissions shall be transferred to the CPCB and SPCB regularly. The instruments used for ambient air quality monitoring shall be	PPs Submission	Online Continuous Monitoring stations installed for monitoring of air emissions and connected to online KSPCB and

		calibrated regularly. The monitoring protocol shall ensure continuous monitoring of all the parameters.		CPCB portal as per CPCB guidelines. The instruments used for Ambient Air Quality Monitoring is calibrated regularly. Complied Attachment: Click to View
21	Noise Monitoring & Prevention	(xxi)The practice of acoustic plant design shall be adopted to limit noise exposure for personnel to an 8 hr time weighted average of 90 db (A).	PPs Submission	All the noise source equipments (Static and rotary) are designed to meet the laid down stipulations and standards. Complied Attachment: Click to View
22	AIR QUALITY MONITORING AND PRESERVATION	(xxii)All the pumps and other equipment's, where there is a likelihood of HC leakages, shall be provided with appropriate indicators and detectors. Provision for immediate isolation of such equipment, in case of a leakage shall also be made. The company shall adopt Leak Detection and Repair (LDAR) programme for quantification and control of fugitive emissions.	PPs Submission	HC leakage detectors have been provided in various locations of the processing facilities and the LDAR programme implemented for Phase III units. Complied Attachment:NA
23	AIR QUALITY MONITORING AND PRESERVATION	(xxiii)The product loading gantry shall be connected to the product sphere is closed circuit through the vapour arm connected to the tanker. Data on fugitive emissions shall be regularly monitored	PPs Submission	No product loading gantry envisaged as a part of the Phase-III project facilities. Complied Attachment:NA

		and records shall be maintained.		
24	AIR QUALITY MONITORING AND PRESERVATION	(xxiv)The company shall ensure that no halogenated organic is sent to the flares. If any of the halogenated organic are present, then the respective streams may be incinerated, if there are no technically feasible or economically viable reduction/recovery options. Any stream containing organic carbon, other than halogenated shall be connected to proper flaring system, if not to a recovery device or an incinerator.	PPs Submission	There is no generation of halogenated organic compound from the Phase-III facilities. For other streams containing organic carbon suitable flaring system has been designed. Complied Attachment:NA
25	AIR QUALITY MONITORING AND PRESERVATION	(xxv)The new standards/norms that are being proposed by the CPCB for Petrochemical Plants and Refineries shall be applicable for the proposed expansion unit. The company shall conform to the process vent standards for organic chemicals including non-VOCs and all possible VOCs i.e., TOCs standards and process vent standards for top priority chemicals. Regular monitoring will be carried out for VOC and HC and On-line monitors for VOC measurements may be installed.	PPs Submission	HC leakage detectors have been provided in various locations of the processing facilities and the LDAR programme implemented in Phase III units. Complied Attachment:NA
26	WATER QUALITY MONITORING AND PRESERVATION	(xxvi)Regular monitoring of relevant parameters for the under ground water in the surrounding areas shall be undertaken and the results shall be submitted to the relevant States	PPs Submission	Monthly monitoring of relevant parameters for the under ground water samples being collected along with

		Pollution Control Board.		Karnataka State Pollution Control Board (KSPCB) in and around the Refinery complex. Complied Attachment: Click to View
27	WASTE MANAGEMENT	(xxvii)Solid waste generated as Pretreater and Reformer Catalysts, Sulphur guard absorbent and Alumina Balls shall be disposed off as per the authorization from the State Pollution Control Board.	PPs Submission	The Spent catalysts disposed off to the CPCB/KSPCB Authorized Recyclers/Reprocessors/Co-processor/TSDF as per the authorization of the Board. Complied Attachment: Click to View
28	WASTE MANAGEMENT	(xxviii)Oily sludge shall be sent to melting pit treatment for recovery of oil. The recovered oil shall be recycled into the refinery system. The residual sludge will be stored in HDPE lined pit for disposal after treatment. The sludge shall be incinerated in the premises only.	PPs Submission	MRPL has designed a system for reprocessing of oily sludge and the crude oil tank sludge in the Delayed Coking Unit (DCU). Further, Oily sludge is being disposed to Cement Industries for co-processing in their unit. Complied Attachment:NA
29	Corporate Environmental Responsibility	(xxix)The company shall strictly follow all the recommendations mentioned in the Charter on Corporate Responsibility for Environmental Protection (CREP).	PPs Submission	All the recommendation mentioned in CREP is complied. Complied Attachment:NA
30	WATER QUALITY MONITORING AND PRESERVATION	(xxx)The company shall harvest surface as well as rainwater from the rooftops of the buildings proposed in the expansion project and storm water drains to recharge the ground water and use the same water for the various	PPs Submission	Noted In order to conserve fresh water consumption, tertiary treated sewage water from Mangalore city is being used in the cooling towers .

		activities of the project to conserve fresh water.		Complied Attachment:NA
31	Human Health Environment	(xxxi)Occupational Health Surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	PPs Submission	Occupational Health surveillance of the workers was done by the respective contractors during the project execution time and records were maintained. Complied Attachment:NA
32	Risk Mitigation and Disaster Management	(xxxii)The company shall implement all the recommendations made in the Environmental Impact Assessment/EMP report and risk assessment report.	PPs Submission	All the recommendation mentioned in EIA/EMP is complied. Complied Attachment:NA
33	MISCELLANEOUS	(xxxiii)The company will undertake all relevant measures, as indicated during the Public Hearing for improving the Socio-economic conditions of the surrounding area.	PPs Submission	This point pertains to M/s. MSEZL for compliance. Complied Attachment:NA
34	MISCELLANEOUS	(xxxiv)With regard to R&R colony the project proponent shall obtain all requisite clearance as prescribed by the concerned agencies	PPs Submission	This point pertains to M/s. MSEZL for compliance. Complied Attachment:NA

General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents	
1	Statutory compliance	(i)The project authorities shall strictly adhere to the stipulations made by the concerned State Pollution Control Board (SPCB) and the State Government.	PPs Submission	Strictly adhere to KSPCB stipulation.

				Complied Attachment:N
2	AIR QUALITY MONITORING AND PRESERVATION	(iii) At no time, the emissions shall be allowed to go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the units, the respective unit should be immediately put out of operation and should not be restarted until the desired efficiency has been achieved.	PPs Submission	Emissions are always maintained below prescribed standard. Emission being monitored continuously through online analyzers provided in all the units . Complied Attachment:N
3	WATER QUALITY MONITORING AND PRESERVATION	(iv) Adequate number of influent and effluent quality monitoring stations shall be set up in consultation with the SPCB. Regular monitoring shall be carried out for relevant parameters for both surface and ground water.	PPs Submission	Regular monitoring is carried out in and around the refinery for both surface and ground water along with KSPCB. Complied Attachment: Click to View
4	WATER QUALITY MONITORING AND PRESERVATION	(v) Industrial wastewater shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	PPs Submission	Proper and suitable designs were put in place for collection of Industrial waste water and an advanced waste water treatment plant was commissioned for its treatment. Advance WWTP consists of latest technology like Sequential

				Batch Reactor (SBR), Membrane Bioreactor (MBR), Ultra Filtration (UF) and Reverse Osmosis (RO) unit. Complied Attachment:N
5	Noise Monitoring & Prevention	(vi)The overall noise levels in an around the plant area shall be limited within the prescribed standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	PPs Submission	The ambient Noise levels confirms to the standards prescribed under EPA Rules, 1989. Complied Attachment: Click to View
6	Statutory compliance	(vii)The project authorities shall strictly comply with provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules 1989 as amended in 2000 for handling of hazardous chemicals etc. Necessary approvals from Chief Controller of Explosives must be obtained before commission of the expansion project. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented.	PPs Submission	Necessary approvals from Chief Controller of Explosives are obtained before commissioning. On-site and Off-site Disaster Management Plans prepared. Complied Attachment:N
7	Statutory compliance	(viii)Authorization from the State Pollution Control Board must be obtained for collections/treatment/storage/disposal of hazardous wastes.	PPs Submission	The Hazardous Waste Authorization received from KSPCB and valid till 30-06-2026. Complied Attachment:N
8	MISCELLANEOUS	(ix)The project authorities shall provide adequate funds both recurring and non-recurring to	PPs Submission	Noted Complied

		implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purposes.		Attachment:N
9	MISCELLANEOUS	(x)The stipulated conditions shall be monitored by the concerned Regional Office of this Ministry/Central Pollution Control Board. A six monthly compliance report and the monitored data shall be submitted to them regularly. It shall also be displayed on the Website of the Company.	PPs Submission	A six monthly compliance report and the monitored data is being submitted to MoEF/CPCB/KSPC regional office, report has been submitted on parivesh portal on 28/12/2023. Complied Attachment:NA
10	MISCELLANEOUS	(xi)The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the State Pollution Control Board/ Committee and may also be seen at Website of the Ministry of Environment and Forests at http://www.envfor.nic.in . This should be advertised within seven days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the concerned Regional office of this Ministry.	PPs Submission	The same was carried out on the information regarding this was submitted to MoEF & KSPCB. Complied Attachment:N
11	MISCELLANEOUS	(xii)The date of Financial Closure and final approval of the project by the concerned authorities and the date of commencing the land development work as the commissioning of the project shall be informed to the Ministry and /its Regional Office.	PPs Submission	Data provided to MoEF. Complied Attachment:N
12	Human Health Environment	(xiii)Proper House Keeping and adequate occupational health programmes shall be taken up. Regular Occupational Health Surveillance Programme for the	PPs Submission	Proper House Keeping and adequate occupational health

		relevant diseases shall be carried out and the records shall be maintained properly for at least 30-40 years. Sufficient preventive measures shall be adopted to avoid direct exposure to emission and other Hydrocarbons etc.		programmes taken up. An Occupational Health Center is already functioning round the clock inside the Refinery. Complied Attachment:N
13	MISCELLANEOUS	(xiv)A separate environment management cell with full fledge laboratory facilities to carry out various management and monitoring functions shall be set up under the control of a Senior executive.	PPs Submission	A separate environment management cell headed by Chief General Manager (CGM) with full fledge laboratory facilities to carry out various management and monitoring functions under the control of a Senior executive . Complied Attachment:N
14	MISCELLANEOUS	(xv)The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory	PPs Submission	Noted. Complied Attachment:N
15	MISCELLANEOUS	(xvi)The Ministry reserves the right to stipulate additional conditions if found necessary. The company shall implement these conditions in a time bound manner.	PPs Submission	Noted. Complied Attachment:N
16	Statutory compliance	(xvii)The above conditions will be enforced, inter-alia the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991,	PPs Submission	Noted. Complied Attachment:N

		Hazardous Waste (Management & Handling) Rules, 1989 and Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 along with their amendments and rules.			
17	Statutory compliance	(ii)No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	<table border="1"> <tr> <td>PPs Submission</td> <td>No expansion or modifications carried out without prior approval of th Ministry of Environment, Forest and Climate Change. Complied Attachment:N</td> </tr> </table>	PPs Submission	No expansion or modifications carried out without prior approval of th Ministry of Environment, Forest and Climate Change. Complied Attachment:N
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Last Site Visit Report (if available)

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Last Site Visit Report Date (if available)

18-09-2022

Additional Attachment (if any)

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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

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NA

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