


EC Conditions Six Monthly Compliance Report

(by Project Proponent)



Proposal No : J - 11011/8/2009 - IA II (I)



1. Name of the Entity / Corporate Office :

File No. :	J - 11011/8/2009 - IA II (I)	Proposal Name :	Diesel Quality Improvement Project and expansion of the Refinery to 13.6 MMTPA ,MRPL
Date Of EC. :	23 Dec 2009	EC Letter :	
Name of the Entity / Corporate Office :	MANGALORE REFINERY AND PETROCHEMICALS LTD	Email Address :	mrplmlr@mrpl.co.in
Address :	KUTHETHOOR P.O, VIA KATIPALLA,	Mobile No :	9449640089

2. Proponent Details :

Proponent Name :	SUDARSAN	Designation :	Chief General Manager (HSE)
Telephone No :	824-2882041	Mobile No :	+91 9449640089
Fax No :	824-08242270013	Email Address :	sudarshanms@mrpl.co.in
Website :	mrpl.co.in	Pin Code :	575030
State :	Karnataka	District :	Dakshina Kannada
Village/Town :			

3. Compliance Letter/Report (Proponent):

Compliance Period :	2022 / 01 Dec (01 April - 30 Sep)	Compliance Submission Date :	19 Jan 2023 15:21:41:910
Remarks :			
Site Visit Report :		Site Visit Date :	18 Sep 2022
ATR Report :	N/A	ATR Date :	N/A
Additional Attachment (If Any) :		Additional Remarks (If Any) :	


4. Summary Status of Compliance :


Total Condition :	68		
Complied :	60	Being Complied :	8
Not Complied :	0	Partially Complied :	0
Agreed to Comply :	0		


5. Details of Production and Project Area :

Date of Commencement of Project/Activity :		24 Dec 2009	Project Area as Per EC Granted (In Case of Mine Lease):		1592
Actual Project Area(In Case of Mine Lease):		1592			
PRODUCTION CAPACITY :					
S.No	Name of the Product	Units	As per EC granted	Production during last financial year	
1	LPG	Tons per Annum (TPA)	7,97,000	1,049,108	
2	MOTOR SPIRIT	Tons per Annum (TPA)	1,407,000	1,727,508	
3	MIXED XYLENE	Tons per Annum (TPA)	350,000	118,524	
4	NAPHTHA	Tons per Annum (TPA)	1,281,000	1,081,810	
5	SKO + ATF	Tons per Annum (TPA)	2,132,000	9,03,167	
6	HSD	Tons per Annum (TPA)	6,434,000	6,396,317	
7	Fuel Oil	Tons per Annum (TPA)	2,161,000	4,08,297	
8	BITUMEN	Tons per Annum (TPA)	489,000	131,112	
9	SULPHUR	Tons per Annum (TPA)	195,000	195,483	
10	PET COKE	Tons per Annum (TPA)	674,000	835,049	
11	VACCUM GAS OIL	Tons per Annum (TPA)	86,000	0	
12	POLY PROPYLENE	Tons per Annum (TPA)	380,000	460,236	
13	LPG	Tons per Annum (TPA)	7,97,000	1,049,108	
14	MOTOR SPIRIT	Tons per Annum (TPA)	1,407,000	1,727,508	
15	MIXED XYLENE	Tons per Annum (TPA)	350,000	118,524	
16	NAPHTHA	Tons per Annum (TPA)	1,281,000	1,081,810	
17	HSD	Tons per Annum (TPA)	6,434,000	6,396,317	
18	BITUMEN	Tons per Annum (TPA)	489,000	131,112	
19	SULPHUR	Tons per Annum (TPA)	195,000	195,483	
20	PET COKE	Tons per Annum (TPA)	674,000	835,049	
21	VACCUM GAS OIL (VGO)	Tons per Annum (TPA)	86,000	0	
22	POLY PROPYLENE	Tons per Annum (TPA)	380,000	460,236	
23	SKO + ATF	Tons per Annum (TPA)	2,132,000	903,167	
24	FUEL OIL (FO+LSFO+MFO)	Tons per Annum (TPA)	2,161,000	408,297	


6. Specific Conditions (Proponent) :

S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	A(i).M/s Mangalore Refinery and Petrochemical Limited shall comply with new standards/norms for Oil Refinery Industry notified under the Environment (Protection) Rules. 1986 vide G.SR 186(E) dated 18th March 2008.	Complied	MRPL is adhering to new standards for Oil Refinery Industry notified under the Environment (Protection) Rules, 1986.	N/A	
2	A(ii).The project authorities make efforts to further reduce the SO2 emission less than the prescribed limits of 37.74 TPD for the existing capacity.	Complied	Production and consumption of low sulphur internal Fuel Oil in the fired heaters is being ensured. The liquid fuel is consumed after		


			consuming all the ultra-low sulphur Fuel Gas.As per CFO meeting.		
3	A(xiv).The operators and lab room shall be shifted to safe location, as the predicted damage distance due to leaking pre-fractionators is 90 m only.	Complied	Amended Environmental Clearance is obtained from MoEF vide letter dated 05.09.2012 with alternative mitigative measures. All the measures are complied.	N/A	
4	A(vi).The proponent shall upload the status of compliance of the stipulated EC conditions, including monitored data on their website and shall update the same periodically, It shall simultaneously be sent to the Regional and Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant namely; Particulate matter (PM10 /PM2.5, SO2, NOx, Benzene (Ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and	Complied	Digital Display Board at MRPL Cargo gate display Stack quality parameter, SO2, NOx, PM10, PM2.5, Ambient Air quality monitoring parameter, treated effluent quality monitoring parameter & Web uploaded.	N/A	
5	A(v).Ambient. Air quality monitoring stations, (PM10, /PM2.5, SO2, NOx, H2S, Mercaptan, NMHC, Ozone, Nickel and Benzene) should be set up in the Refinery complex in consultation with SPCB, and based on occurrence of maximum ground level concentration and down-wind direction of wind. The monitoring network must be decided based on modeling exercise to represent short term GLCs Continuous online stack monitoring equipment should be installed for measurement of SO2, NOx, CO and CO2. Low NOx burners	Complied	Details are attached here as Annexure-1		
6	A(xi).The company should strictly follow all the recommendation mentioned in the charter on Corporate Responsibility for Environmental Protection (CREP) for the oil refineries.	Complied	Being strictly followed all the recommendation mentioned in the charter on Corporate Responsibility for Environmental Protection (CREP) for the oil refineries.	N/A	
7	A(xii).The Company should take necessary measures to prevent fire hazards, containing oil spill and soil remediation on as needed. At place of ground flaring, the overhead flaring stack	Complied	Flare gas recovery system installed to recover hydrocarbon flare gases which is connected to	N/A	

	with knockout drums should be installed to minimize gaseous emissions during flaring.		the fuel gas header for utilizing the same in process heaters.		
8	A(x).The project authorities must strictly comply with the rules and regulation with regard to handling and disposal of Hazardous Wastes (Management, Handling and Trans Boundary Movement) Rules, 1989/ 2003/ 2008 wherever applicable. Authorization from the State Pollution Control Board must be obtained for collection/ treatment/storage/disposal of hazardous wastes.	Complied	Detail Remarks are attached in Annexure-1		
9	A(xix).Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Complied	Revamp Project job completed and unit commissioned successfully. All the facilities were provided during the project stage as directed.	N/A	
10	A(xiii).. To prevent fire and explosion at Oil and Gas facility, potential ignition sources should be kept to a minimum and adequate separation distance between potential ignition sources and flammable material should be in place	Complied	Oil Industry Safety Directorate (OISD) standard being followed at the design stage itself to maintain adequate distance between potential ignition sources and flammable material.	N/A	
11	A(xv).Onsite and offsite DMP shall be updated to cover the additional facilities and the updated plans shall be implemented.	Complied	DMP is amended for revamp projects.	N/A	
12	A(iii).Supply of products from refinery shall not result in additional load due to tankers movements. Measures shall be taken to prevent the traffic congestion. Further, the truck owners for naphtha truck loading shall be informed to provide the truck with bottom loading capacity and for VOC recovery System.	Being Complied	As and when trucks are fitted with proper facility with bottom loading, we will explore the possibility of bottom loading and VOC recovery system	N/A	
13	A(viii).Fugitive emissions of HC from product storage tank yards etc must be regularly monitored. Sensors for detecting HC leakage should also be provided at strategic locations. The company should use low	Complied	LDAR program is being carried out as per MoEF schedule. Low Sulphur fuel being used to minimise SOx emission. HC	N/A	

	<p>sulphur fuel to minimize SO2 emission Sulphur recovery units should have efficiency of 99.5 %. Leak Detection and Repair programme should be implemented to control HC/VOC emissions; Work zone monitoring should be carried out near the storage tanks besides monitoring of HCs/VOCs in the work zon</p>		<p>monitoring extended to new storage tanks yard.</p>		
14	<p>A(xvii).Greenbelt should be developed to mitigate the effect of fugitive emission all around the plant in a minimum 33% plant area in consultation with DFO as per CPCB guidelines</p>	Complied	<p>Total project area of MRPL is around 1592 acres; Greenbelt area comprises of 54 types of tree species spread over 538 acres (33.8% Greenbelt area) including compensatory afforestation at Pilikula etc.</p>	N/A	
15	<p>A(vii).Monitoring of fugitive emissions should be carried out as per the guidelines of CPCB by fugitive emission detectors and reports should be submitted to the Ministry's Regional Office at Bangalore, For control of fugitive emission all unsaturated hydrocarbon will be routed to the flare system and the flare system should be designed for smoke less burning.</p>	Complied	<p>VOC monitoring is being carried out as per MoEF guidelines and monitoring is already extended to the revamp projects.</p>	N/A	
16	<p>A(xvi).Occupational health surveillance of worker should be done on a regular basis and records maintained as per the Factory Act.</p>	Complied	<p>Health surveillance of workers was done by the respective contractors during the project execution time and records were maintained.</p>	N/A	
17	<p>A(ix).The wastewater should be treated in the wastewater treatment plant and the treated effluent should meet the prescribed standards. Efforts should be made to recycle the treated effluent to achieve zero discharge. The RO plant shall be installed for reuse and conservation of water.</p>	Complied	<p>Waste water generation due to revamp project is treated in the existing waste water treatment plants. Quality of the treated effluent always meets the prescribed standards.</p>	N/A	
18	<p>A(iv).The process emissions (SO2, NOx, HC, VOCs and Benzene) from various units shall conform to the standards prescribed by the AP State Pollution Control Board from time to time. At no time, the emission levels should go beyond the</p>	Being Complied	<p>Being complied with the stipulations of Karnataka State Pollution Control Board. we are monitoring SO2 and NOx in the stacks through on</p>	N/A	


	stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the unit should be Immediately put out of operation and should not be restarted until the desired efficiency has been achieved. The above condition amended by MoEF v		line analyzers as per Environment (Protection) Rules.		
19	A(xviii). The Company should undertake measures for rainwater harvesting to recharge the ground water and minimize fresh water consumption.	Complied	Mangalore is experiencing more than six months of heavy rain fall. Ground water table is very high in this region and therefore rain water harvesting to recharge the ground water may not be feasible.	N/A	
20	A(vii).Monitoring of fugitive emissions should be carried out as per the guidelines of CPCB by fugitive emission detectors and reports should be submitted to the Ministry's Regional Office at Bangalore, For control of fugitive emission all unsaturated hydrocarbon will be routed to the flare system and the flare system should be designed for smoke less burning.	Complied	VOC monitoring is being carried out as per MoEF guidelines and monitoring is already extended to the revamp projects.	N/A	
21	A(viii).Fugitive emissions of HC from product storage tank yards etc must be regularly monitored. Sensors for detecting HC leakage should also be provided at strategic locations. The company should use low sulphur fuel to minimize SO2 emission Sulphur recovery units should have efficiency of 99.5 %. Leak Detection and Repair programme should be implemented to control HC/VOC emissions; Work zone monitoring should be carried out near the storage tanks besides monitoring of HCs/VOCs in the work zon	Complied	Detail Remarks are attached in Annexure-1	N/A	
22	A(x).The project authorities must strictly comply with the rules and regulation with regard to handling and disposal of Hazardous Wastes (Management, Handling and Trans Boundary Movement) Rules, 1989/ 2003/ 2008 wherever applicable. Authorization from the State Pollution Control Board must be obtained for collection/ treatment/storage/disposal of hazardous wastes.	Complied	Detail Remarks are attached in Annexure-1		

23	A(xiii).. To prevent fire and explosion at Oil and Gas facility, potential ignition sources should be kept to a minimum and adequate separation distance between potential ignition sources and flammable material should be in place	Complied	Detail Remarks are attached in Annexure-1	N/A	
24	A(xii).The Company should take necessary measures to prevent fire hazards, containing oil spill and soil remediation on as needed. At place of ground flaring, the overhead flaring stack with knockout drums should be installed to minimize gaseous emissions during flaring.	Complied	Detail Remarks are attached in Annexure-1	N/A	
25	A(xvi).Occupational health surveillance of worker should be done on a regular basis and records maintained as per the Factory Act.	Being Complied	Detail Remarks are attached in Annexure-1	N/A	
26	A(xvii).Greenbelt should be developed to mitigate the effect of fugitive emission all around the plant in a minimum 33% plant area in consultation with DFO as per CPCB guidelines	Complied	Detail Remarks are attached in Annexure-1	N/A	
27	A(xviii). The Company should undertake measures for rainwater harvesting to recharge the ground water and minimize fresh water consumption.	Complied	Detail Remarks are attached in Annexure-1	N/A	
28	A(i).M/s Mangalore Refinery and Petrochemical Limited shall comply with new standards/norms for Oil Refinery Industry notified under the Environment (Protection) Rules. 1986 vide G.SR 186(E) dated 18th March 2008.	Complied	MRPL is adhering to new standards for Oil Refinery Industry notified under the Environment (Protection) Rules, 1986. MRPL is adhering to new standards for Oil Refinery Industry notified under the Env	N/A	
29	A(ii).The project authorities make efforts to further reduce the SO2 emission less than the prescribed limits of 37.74 TPD for the existing capacity.	Complied	Production and consumption of low sulphur internal Fuel Oil in the fired heaters is being ensured. The liquid fuel is consumed after consuming all the ultra-low sulphur Fuel Gas. Off gases generate	N/A	
30	A(xiv).The operators and lab room shall be shifted to safe location, as the predicted damage distance due to leaking pre-fractionators is 90 m only.	Complied	Amended Environmental Clearance is obtained from MoEF vide letter dated 05.09.2012 with alternative	N/A	


			mitigative measures. All the measures are complied		
31	A(ix).The wastewater should be treated in the wastewater treatment plant and the treated effluent should meet the prescribed standards. Efforts should be made to recycle the treated effluent to achieve zero discharge. The RO plant shall be installed for reuse and conservation of water.	Complied	Waste water generation due to revamp project is treated in the existing waste water treatment plants. Quality of the treated effluent always meets the prescribed standards. RO plant installed unde	N/A	
32	A(xi).The company should strictly follow all the recommendation mentioned in the charter on Corporate Responsibility for Environmental Protection (CREP) for the oil refineries.	Complied	Being strictly followed all the recommendation mentioned in the charter on Corporate Responsibility for Environmental Protection (CREP) for the oil refineries.	N/A	
33	A(iii).Supply of products from refinery shall not result in additional load due to tankers movements. Measures shall be taken to prevent the traffic congestion. Further, the truck owners for naphtha truck loading shall be informed to provide the truck with bottom loading capacity and for VOC recovery System.	Complied	Industries have so far not switched over to bottom loading and the existing practice of top loading is continuing. As and when trucks are fitted with proper facility with bottom loading, we will explo	N/A	
34	A(xv).Onsite and offsite DMP shall be updated to cover the additional facilities and the updated plans shall be implemented.	Complied	Detail Remarks are attached in Annexure-1	N/A	
35	A(v).Ambient. Air quality monitoring stations, (PM10, /PM2.5, SO2, NOx, H2S, Mercaptan, NMHC, Ozone, Nickel and Benzene) should be set up in the Refinery complex in consultation with SPCB, and based on occurrence of maximum ground level concentration and down-wind direction of wind. The monitoring network must be decided based on modeling exercise to represent short term GLCs Continuous online stack monitoring equipment should be installed for measurement of SO2, NOx, CO and CO2. Low NOx burners	Complied	Details are attached here as Annexure-1		
36	A(iv).The process emissions (SO2, NOx, HC, VOCs and	Complied	Detail Remarks are attached in	N/A	


	Benzene) from various units shall conform to the standards prescribed by the AP State Pollution Control Board from time to time. At no time, the emission levels should go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the unit should be Immediately put out of operation and should not be restarted until the desired efficiency has been achieved. The above condition amended by MoEF v		Annexure-1		
37	A(vi).The proponent shall upload the status of compliance of the stipulated EC conditions, including monitored data on their website and shall update the same periodically, It shall simultaneously be sent to the Regional and Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant namely; Particulate matter (PM10 /PM2.5, SO2, NOx, Benzene (Ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and	Complied	Detail Remarks are attached in Annexure-1	N/A	
38	A(xix).Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Complied	Detail Remarks are attached in Annexure-1	N/A	


7. General Conditions (Proponent) :


S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	B(ix).The stipulated conditions will be monitored by the concerned Regional Office of this Ministry/ Central Pollution Control Board/ State Pollution Control Board. A six monthly compliance report and the monitored data should be submitted to them regularly. It will also be displayed on the Website of the Company.	Complied	A six monthly compliance report and the monitored data is being submitted to MoEF/CPCB/KSPCB regional office and displayed on the Website of the Company.		
2	B(vi).The project authorities must strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous	Complied	Necessary approvals from Chief Controller of Explosives are obtained before	N/A	

	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, if required. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented.		commissioning. On-site and Off-site Disaster Management Plans prepared.		
3	B(xv). The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project	Complied	We have informed MoEF with the details vide our letter No. L/D/MoEF/4333 dated 18.02.2011	N/A	
4	B(i).The project authorities must strictly adhere to the stipulations made by the concerned State Pollution Control Board (SPCB) and the State Government and any other statutory body.	Being Complied	Being complied.	N/A	
5	B(ii).No further expansion or modification in the project shall be carried without prior approval of the Ministry of Environment and Forests, In case of deviations or alternations in the project proposal from those submitted to the Ministry for clearance. a fresh reference shall be made to the Ministry.	Complied	Noted. No further expansion or modification in the project will be carried without prior approval of the Ministry of Environment, Forest and Climate Change.	N/A	
6	B(vii).The project authorities must strictly comply with the 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, if required. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented.	Complied	Noted and Complied	N/A	
7	B(viii).The company shall develop rainwater harvesting structures to harvest the run off water for recharge of ground water.	Complied	Mangalore is experiencing more than six months of heavy rain fall. Ground water table is very high in this region and therefore rain water harvesting to recharge the ground water may not be feasible.	N/A	

8	B(xii).The Project Proponent should 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 w	Complied	Noted and Complied.	N/A	
9	B(xiv). A separate environment management cell with full-fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of a Senior Executive.	Complied	A separate Environmental Management Cell is already functioning in the refinery and is headed by Chief General Manager (CGM)	N/A	
10	B(xiii).The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board - as prescribed under the Environment (protection) Rules, 1986 as amended subsequently, shall also be put on the website of the Company along with the status of compliance of EC conditions and shall also be sent to the respective regional Office of the MoEF by e-mail.	Complied	Detail Remarks are attached in Annexure-1		
11	B(iv).Waste water shall be properly collected and treated so as to conform to the standards prescribed under EP Act & Rules and mentioned In the Consents provided by the relevant SPCB.	Complied	Waste Water generated from the process units is being collected properly and routed through closed network to Waste Water Treatment plant (WWTP).	N/A	
12	B(iii).At no time, the emissions shall go beyond the prescribed standards. In the event of failure of any pollution control system, the respective facilities should be immediately put out of operation and should not be restarted until the desired efficiency has been achieved. Provision of adequate height of stack attached to DG sets & flare is to be done	Being Complied	Emission levels of the pollutants are always maintained within the permissible levels. Adequate height of stack attached to DG Sets and Flare is provided.	N/A	
13	B(xi).. A copy of clearance letter shall be sent by the	Complied	There were no suggestions/repres	N/A	

	proponent to concerned Panchayat, Zilla Parishad Municipal Corporation. Urban Local Body and the Local NGO, if any, from whom suggestions/representations if any were received while processing the proposal. The clearance letter shall also put up on the website of the Company by the proponent.		received from Zilla Parishad/ Municipal Corporation, NGO or any other local body.		
14	B(x).The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both on hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Complied	The same was carried out and the information regarding this was submitted to MoEF & KSPCB.	N/A	
15	B(v).The overall noise levels in and around the premises shall be limited within the prescribed standards (75 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).	Complied	Detail Remarks are attached in Annexure-1		
16	B(i).The project authorities must strictly adhere to the stipulations made by the concerned State Pollution Control Board (SPCB) and the State Government and any other statutory body.	Being Complied	Detail Remarks are attached in Annexure-1	N/A	
17	B(ii).No further expansion or modification in the project shall be carried without prior approval of the Ministry of Environment and Forests, In case of deviations or alternations in the project proposal from those submitted to the Ministry for clearance. a fresh reference shall be made to the Ministry.	Complied	Detail Remarks are attached in Annexure-1	N/A	
18	B(iii).At no time, the emissions shall go beyond the prescribed standards. In the event of failure of any pollution control system, the respective facilities should be immediately put out of operation and should not be restarted until the desired efficiency has been achieved. Provision of adequate height of stack attached to DG sets & flare is to be done	Being Complied	Detail Remarks are attached in Annexure-1	N/A	

19	B(iv).Waste water shall be properly collected and treated so as to conform to the standards prescribed under EP Act & Rules and mentioned In the Consents provided by the relevant SPCB.	Being Complied	Detail Remarks are attached in Annexure-1	N/A	
20	B(v).The overall noise levels in and around the premises shall be limited within the prescribed standards (75 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 I (night time).	Complied	Detail Remarks are attached in Annexure-1		
21	B(vi).The project authorities must strictly comply with the 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, if required. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented.	Complied	Detail Remarks are attached in Annexure-1	N/A	
22	B(vii).The project authorities must strictly comply with the 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, if required. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented.	Complied	Detail Remarks are attached in Annexure-1	N/A	
23	B(viii).The company shall develop rainwater harvesting structures to harvest the run off water for recharge of ground water.	Complied	Detail Remarks are attached in Annexure-1	N/A	
24	B(ix).The stipulated conditions will be monitored by the concerned Regional Office of this Ministry/ Central Pollution Control Board/ State Pollution Control Board. A six monthly compliance report and the monitored data should be	Complied	Detail Remarks are attached in Annexure-1	N/A	

	submitted to them regularly. It will also be displayed on the Website of the Company.				
25	B(x).The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both on hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Complied	Detail Remarks are attached in Annexure-1	N/A	
26	B(xi).. A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad Municipal Corporation. Urban Local Body and the Local NGO, if any, from whom suggestions/representations if any were received while processing the proposal. The clearance letter shall also put up on the website of the Company by the proponent.	Complied	Detail Remarks are attached in Annexure-1	N/A	
27	B(xii).The Project Proponent should 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 w	Complied	Detail Remarks are attached in Annexure-1	N/A	
28	B(xiii).The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board - as prescribed under the Environment (protection) Rules, 1986 as amended subsequently, shall also be put on the website of the Company along with the status of compliance of EC conditions and shall also be sent to the respective regional Office of the MoEF by e-mail.	Complied	Detail Remarks are attached in Annexure-1		
29	B(xiv). A separate environment management cell with full-fledged laboratory facilities to carry out various management and monitoring functions shall be	Complied	Detail Remarks are attached in Annexure-1	N/A	

	set up under the control of a Senior Executive.				
30	B(xv). The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project	Complied	Detail Remarks are attached in Annexure-1	N/A	

I ' MANGALORE REFINERY AND PETROCHEMICALS LTD ' hereby give undertaking that the specific / general condition is entered by me is correct.

E-Sign

MANGALORE REFINERY AND PETROCHEMICALS LTD

Date : 19 Jan 2023 15:21:41:910

****Note : N/A - Not Available**

PRINT

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