

# EC Conditions Six Monthly Compliance Report

(by Project Proponent)



**Proposal No :** IA/KA/IND2/39753/2016

## 1. Name of the Entity / Corporate Office :

File No. :	J-11011/47/2016-IA II (I)	Proposal Name :	BS V/VI Autofuel Quality Compliance & Associated projects
Date Of EC. :	10 Jul 2017	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 16:56:13:670
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 :	48		
Complied :	34	Being Complied :	14
Not Complied :	0	Partially Complied :	0
Agreed to Comply :	0		



## 5. Details of Production and Project Area :

Date of Commencement of Project/Activity :		11 Jul 2017	Project Area as Per EC Granted (In Case of Mine Lease):		1592
Actual Project Area(In Case of Mine Lease):		1592			
<b>PRODUCTION CAPACITY :</b>					
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 (FO+LSFO+MFO)	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 ( VGO)	Tons per Annum (TPA)	86,000	0	
12	POLY PROPYLENE	Tons per Annum (TPA)	380,000	460,236	
13	LPG	Tons per Annum (TPA)	797,000	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	SKO + ATF	Tons per Annum (TPA)	2,132,000	903,167	
18	HSD	Tons per Annum (TPA)	6,434,000	6,396,317	
19	Fuel Oil (FO+LSFO+MFO)	Tons per Annum (TPA)	2,161,000	408,297	
20	BITUMEN	Tons per Annum (TPA)	489,000	131,112	
21	SULPHUR	Tons per Annum (TPA)	195,000	195,483	
22	PET COKE	Tons per Annum (TPA)	674,000	835,049	
23	VACCUM GAS OIL ( VGO)	Tons per Annum (TPA)	86,000	0	
24	POLY PROPYLENE	Tons per Annum (TPA)	380,000	460,236	

## 6. Specific Conditions (Proponent)\_:


S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	A(ii). Atleast 30% of the area of the unit area shall be developed as green area with native tree species.	Complied	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 in 5	N/A	
2	A(iii) PP shall undertake tree plantation in village and the Biological Park (flowering/fruit bearing	Being Complied	Compensatory afforestation is completed at Pilikula Nisarga	N/A	



	plants). 1000 trees/year for five years shall be planted and maintained.		Dhama in 50 acres with approximately 4000 nos. of plants and at Bengre in 25 acres with approximately 4000 nos. of plants.		
3	A(v) PP shall explore the possibility of spent clay remediation.	Complied	MRPL is continuously exploring the possibilities of alternate use/method for disposal of Hazardous Waste generated in the Refinery. The Spent Clay has been found to be suitable for Co-processing in Ce	N/A	
4	A(vi) PP shall reduce the noise level and odour due to project from the proposed level.	Complied	Details are attached here as half yearly compliance report - BS-6		
5	A(i).Green belt of atleast 10 m width shall be planted (with trees like Kadamba etc.) along the periphery of the unit.	Being Complied	Please be noted that this BS-VI Auto Fuel Quality project is proposed to be installed within the existing process area, earmarked for future expansion. As the proposed project is being installed etc	N/A	
6	A(viii) Environmental Management Cell with well - equipped laboratories shall be set up in the unit.A regular environment manager having post graduate qualification in environmental sciences / Environmental engineering to be appointed for looking after the Environmental Management activities of the proposed plant.	Complied	A separate Environmental Management Cell headed by Chief General Manager (CGM) is already functioning along with full-fledged laboratory for Environmental Management and Monitoring functions.	N/A	
7	A(vii) The by-products which fall under the purview of the Hazardous Waste Rules, be handled as per the provisions of the said Rules and necessary permissions shall be obtained under the said rules.	Complied	Details are attached here as half yearly compliance report - BS-6		
8	A(iv) As proposed, 5% of the total amount shall be earmarked for Enterprises Social Commitment. Solar panel, LED light, Drinking water with RO facilities shall be provided to the proposed ten villages.	Being Complied	Noted for compliance. In line with MoEF & CC Office Memorandum, F.No.22-65/2017-IA.III, Dt. 01-05-2018, 0.25% of the total amount	N/A	

			has been earmarked for Enterprises Social Commitment etc...		
9	A(i).Green belt of atleast 10 m width shall be planted (with trees like Kadamba etc.) along the periphery of the unit.	Being Complied	Details are attached here as half yearly compliance report - BS-6	N/A	
10	A(iii) PP shall undertake tree plantation in village and the Biological Park (flowering/fruit bearing plants). 1000 trees/year for five years shall be planted and maintained.	Being Complied	Details are attached here as half yearly compliance report - BS-6	N/A	
11	A(vi) PP shall reduce the noise level and odour due to project from the proposed level.	Complied	Details are attached here as half yearly compliance report - BS-6		
12	A(iv) As proposed, 5% of the total amount shall be earmarked for Enterprises Social Commitment. Solar panel, LED light, Drinking water with RO facilities shall be provided to the proposed ten villages.	Being Complied	Details are attached here as half yearly compliance report - BS-6	N/A	
13	A(ii). Atleast 30% of the area of the unit area shall be developed as green area with native tree species.	Complied	Details are attached here as half yearly compliance report - BS-6	N/A	
14	A(v) PP shall explore the possibility of spent clay remediation.	Complied	Details are attached here as half yearly compliance report - BS-6	N/A	
15	A(vii) The by-products which fall under the purview of the Hazardous Waste Rules, be handled as per the provisions of the said Rules and necessary permissions shall be obtained under the said rules.	Complied	Details are attached here as half yearly compliance report - BS-6		
16	A(viii) Environmental Management Cell with well - equipped laboratories shall be set up in the unit.A regular environment manager having post graduate qualification in environmental sciences / Environmental engineering to be appointed for looking after the Environmental Management activities of the proposed plant.	Complied	Details are attached here as half yearly compliance report - BS-6	N/A	

## 7. General Conditions (Proponent) :

S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	B(ix) The company shall undertake eco-development	Being Complied	Noted and being complied.	N/A	



	measures including community welfare measures in the project area for overall improvement of the environment.				
2	B(xiii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted 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. Copy of the Environmental Clearance and six monthly report is uploaded at MRPL website		
3	B(x) A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Complied	A separate Environmental Management Cell headed by Chief General Manager (CGM) is already functioning along with full-fledged laboratory for Environmental Management and Monitoring functions.	N/A	
4	B(xii) A copy of the clearance letter shall be sent by the project 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.	Complied	Copy of the Environmental Clearance submitted on 25-07-2017.	N/A	
5	B(xvi) 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	Project approval date is 18-08-2016	N/A	
6	B(vii) The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management and risk mitigation measures relating to the project shall be implemented.	Complied	Noted for compliance.	N/A	
7	B(iv) The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No.	Complied	National Ambient Air Quality Emission	N/A	

	826(E) dated 16th November, 2009 shall be followed.		Standards strictly followed.		
8	B(v) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75dBA (day time) and 70dBA (night time).	Complied	The average noise level all along the boundary wall found to be within stipulated limit i.e. 75dBA (day time) and 70dBA (night time)	N/A	
9	B(xiv) The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted 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 compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.	Complied	Details are attached here as half yearly compliance report - BS-6		
10	B(viii) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. ESC activities shall be undertaken by involving local villages and administration.	Being Complied	MRPL's Corporate Social Responsibility (CSR) policy, the company aims at strengthening the existing bond with the local population through Shiksha Samrakshan, Arogya Samrakshan, Bahujan Samrakshan, etc	N/A	
11	B(iii) The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Complied	Details are attached here as half yearly compliance report - BS-6		
12	B(xi) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation	Being Complied	Noted for compliance.	N/A	

	schedule for all the conditions stipulated herein. The funds so earmarked for environment management / pollution control measures shall not be diverted for any other purpose.				
13	B(vi) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Being Complied	Periodic training is being conducted for all the employees on safety and health aspects. Pre-employment and routine medical examinations for all employees are being carried out and records are being	N/A	
14	B(ii) No further expansion or modifications in the pipeline shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Complied	Noted for compliance No expansion or modifications will be carried out without prior approval of the Ministry of Environment, Forest and Climate Change.	N/A	
15	B(xv) 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 SPCB / Committee and may also be seen at Website of the Ministry at <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a> . This shall 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	Complied	The relevant advertisement published on 13/07/17 in English and in Kannada. The copy of the advertisement submitted to MoEF&CC Bangalore Office on 28/07/2017.	N/A	
16	B(i) The project authorities shall strictly adhere to the stipulations made by the State Pollution Control Board, State Governments and any other statutory authority.	Complied	MRPL Will strictly adhere to KSPCB stipulations.	N/A	
17	B(vi) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be	Being Complied	Details are attached here as half yearly compliance report - BS-6	N/A	

	undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.				
18	B(viii) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. ESC activities shall be undertaken by involving local villages and administration.	Being Complied	Details are attached here as half yearly compliance report - BS-6	N/A	
19	B(ix) The company shall undertake eco-development measures including community welfare measures in the project area for overall improvement of the environment.	Being Complied	Details are attached here as half yearly compliance report - BS-6	N/A	
20	B(xi) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management / pollution control measures shall not be diverted for any other purpose.	Being Complied	Details are attached here as half yearly compliance report - BS-6	N/A	
21	B(iv) The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.	Complied	Details are attached here as half yearly compliance report - BS-6	N/A	
22	B(xvi) 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	Details are attached here as half yearly compliance report - BS-6	N/A	
23	B(xii) A copy of the clearance letter shall be sent by the project 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.	Complied	Details are attached here as half yearly compliance report - BS-6	N/A	
24	B(v) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.	Complied	Details are attached here as half yearly compliance report - BS-6	N/A	



	The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75dBA (day time) and 70dBA (night time).				
25	B(ii) No further expansion or modifications in the pipeline shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Complied	Details are attached here as half yearly compliance report - BS-6	N/A	
26	B(iii) The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Complied	Details are attached here as half yearly compliance report - BS-6		
27	B(xiii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	Complied	Details are attached here as half yearly compliance report - BS-6	N/A	
28	B(vii) The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management and risk mitigation measures relating to the project shall be implemented.	Complied	Details are attached here as half yearly compliance report - BS-6	N/A	
29	B(xiv) The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed	Complied	Details are attached here as half yearly compliance report - BS-6		

	under the Environment (Protection) Rules, 1986 as amended subsequently, shall also be put on the website of the company along with the status compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.				
30	B(xv) 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 SPCB / Committee and may also be seen at Website of the Ministry at <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a> . This shall 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	Complied	Details are attached here as half yearly compliance report - BS-6	N/A	
31	B(i) The project authorities shall strictly adhere to the stipulations made by the State Pollution Control Board, State Governments and any other statutory authority.	Complied	Details are attached here as half yearly compliance report - BS-6	N/A	
32	B(x) A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Complied	Details are attached here as half yearly compliance report - BS-6	N/A	
<input checked="" type="checkbox"/> 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 16:56:13:670

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

**PRINT**

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