

Your (**Half Yearly Compliance Report**) has been **Submitted** with following details

Proposal No	J-11011/135/2013-IA II (I)
Compliance ID	114617043
Compliance Number(For Tracking)	EC/M/COMPLIANCE/114617043/2025
Reporting Year	2025
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	05-05-2025
RO/SRO Name	Shri Ashok Kumar Sinha
RO/SRO Email	tg035@ifs.nic.in
State	MADHYA PRADESH
RO/SRO Office Address	Integrated Regional Offices, Bhopal

Note:- SMS and E-Mail has been sent to Shri Ashok Kumar Sinha, MADHYA PRADESH with Notification to Project Proponent.

Your (**Half Yearly Compliance Report**) has been **Submitted** with following details

Proposal No	J-11011/135/2013-IA II (I)
Compliance ID	126351354
Compliance Number(For Tracking)	EC/M/COMPLIANCE/126351354/2025
Reporting Year	2025
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	06-05-2025
RO/SRO Name	Shri Ashok Kumar Sinha
RO/SRO Email	tg035@ifs.nic.in
State	MADHYA PRADESH
RO/SRO Office Address	Integrated Regional Offices, Bhopal

Note:- SMS and E-Mail has been sent to Shri Ashok Kumar Sinha, MADHYA PRADESH with Notification to Project Proponent.

Your (Half Yearly Compliance Report) has been Submitted with following details

Proposal No	J-11011/135/2013-IA II (I)
Compliance ID	114616910
Compliance Number(For Tracking)	EC/M/COMPLIANCE/114616910/2025
Reporting Year	2025
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	05-05-2025
RO/SRO Name	Shri Ashok Kumar Sinha
RO/SRO Email	tg035@ifs.nic.in
State	MADHYA PRADESH
RO/SRO Office Address	Integrated Regional Offices, Bhopal

Note:- SMS and E-Mail has been sent to Shri Ashok Kumar Sinha, MADHYA PRADESH with Notification to Project Proponent.

Half Yearly Compliance Report**2025****01 Jun(01 Oct - 31 Mar)****Acknowledgement**

Proposal Name		EXPANSION OF REFINERY (FROM 6 MMTPA TO 7.5 MMTPA CRUDE PROCESSING) BY DEBOTTLENECKING OF M/S. BHARAT OMAN REFINERIES LIMITED (BPCL-BINA REFINERY) AT VILLAGE AGASOD, TEHSIL BINA, DISTRICT SAGAR, MADHYA PRADESH	
Name of Entity / Corporate Office		BHARAT PETROLEUM CORPORATION LIMITED	
Village(s)		N/A	
District		SAGAR	
Proposal No.	J-11011/135/2013-IA II (I)	Category	Industrial Projects - 2
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	MADHYA PRADESH	Entity's PAN	*****2902M
MoEF File No.	J-11011/135/2013-IA II (I)	Entity name as per PAN	BHARAT PETROLEUM CORPORATLTD

Compliance Reporting Details

Reporting Year	2025
Remarks (if any)	
Reporting Period	01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office	BHARAT PETROLEUM CORPORATION LIMITED	
	Project Area as per EC Granted	Actual Project Area in Possession
Private	1015	1015
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	1015	1015

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	LPG, Naptha, HSD, MS, SKO, ATF, Sulphur Petcoke	Million Tons per Annum (MTPA)	30/11/2025	7.8	7.2	7.8

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	M/s BPCL-BINA REFINERY shall comply with new standards/norms for Oil Refinery Industry notified under the Environment (Protection) Rules, 1986 vide G.S.R 186 (E) dated 18thMarch, 2008
PPs Submission: Being Complied Environment Management Plan is designed in compliance to Norms as per G.S.R 186 (E) dated 18thMarch, 2008. The Category wise compliance of Environmental Parameters/ standards are given below: a. It is to mention that the Bina Refinery is maintaining Zero Liquid Discharge, thus complying Effluent standards prescribed in Schedule-I of 2 of said rules in respect of effluent discharge to surface water bodies. b. Mixed fuels (gas / liquid) are presently being used for operations at Bina Refinery, the applicable emission standards are being complied as prescribed in Part B of schedule-I of the said rules. The plant is designed and operated with Hydrogen cracking technology. Emissions are in compliance w.r.t Sulphur recovery unit. Monthly manual monitoring is conducted for SO2 and online Continuous Emission Monitoring System is connected to stack. The monitored data of SO2 emissions are regularly being submitted to MPPCB and a summary statement of SO2 emissions is submitted MoEFCC in six monthly compliance report. The assessment of efficiency of sulphur recovery is on the basis of quantity of the feed and sulphur recovered which is the data collected from the SRU process unit. c. All installations to control fugitive emissions in respect of storage of general petroleum products are in place, with applicable engineering , regulatory standards like ASTM, OISD etc. d. Presently, no Tar distillation is in process, thus no production of benzene , benzene-based products. e. All leak detection measures as per the engineering design for refineries are implemented. f. Waste water collection and treatment system is installed with closed circuit operation system with collection of VOCs and its treatment. g. There is no aromatic plant installed.		Date: 05/05/2025
2	Statutory compliance	Compliance to all the environmental conditions stipulated in the environmental clearance letter no. J-11011/121/1994-IA II (I) dated 16th February 1995 and 20th march, 2009 shall be satisfactorily reports submitted to the Ministry of Regional office at Bhopal.
PPs Submission: Being Complied Six monthly monitoring reports are regularly submitted to the RO-MoEFCC, Bhopal and other authorities along with Six Monthly Compliance Report of Environment Clearance.		Date: 05/05/2025
3	Statutory compliance	Continuous on-line stack monitoring for SO2, NOx, HC and CO of all the stacks shall be carried out. Low NOx burners shall be installed in heaters/furnaces/boiler to minimize NOx emissions.
PPs Submission: Complied Continuous on-line stack monitoring for SO2, NOx, PM and CO is being installed and connected to CPCB and MPPCB. Low NOx burners installed in all new heater / furnaces to minimize the NOx emissions.		Date: 05/05/2025
4	AIR QUALITY MONITORING AND	The process emissions SO2, NOx, HC (methane Non-methane), VOC and Benzene from various units shall conform to the standards

	PRESERVATION	prescribed under the Environment (protection) Act. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency of the pollution of the pollution control device has been achieved.	
	PPs Submission: Complied Environment Management Plan is designed in compliance to Norms as per G.S.R 186 (E) dated 18th March, 2008. The Category wise compliance of Environmental Parameters/ standards are given below: a. It is to mention that the Bina Refinery is maintaining Zero Liquid Discharge, thus complying Effluent standards prescribed in Schedule-I of 2 of said rules in respect of effluent discharge to surface water bodies. b. Mixed fuels (gas / liquid) are presently being used for operations at Bina Refinery, the applicable emission standards are being complied as prescribed in Part B of schedule-I of the said rules. The plant is designed and operated with Hydrogen cracking technology. Emissions are in compliance w.r.t Sulphur recovery unit. Monthly manual monitoring is conducted for SO₂ and online Continuous Emission Monitoring System is connected to stack. The monitored data of SO₂ emissions are regularly being submitted to MPPCB and a summary statement of SO₂ emissions is submitted MoEFCC in six monthly compliance report. The assessment of efficiency of sulphur recovery is on the basis of quantity of the feed and sulphur recovered which is the data collected from the SRU process unit. c. All installations to control fugitive emissions in respect of storage of general petroleum products are in place, with applicable engineering , regulatory standards like ASTM, OISD etc. d. Presently, no Tar distillation is in process, thus no production of benzene ,benzene-based products. e. All leak detection measures as per the engineering design for refineries are implemented. f. Waste water collection and treatment system is installed with closed circuit operation system with collection of VOCs and its treatment. g. There is no aromatic plant installed.		Date: 05/05/2025
5	AIR QUALITY MONITORING AND PRESERVATION	Leaks detection and repair programme shall be prepared and implemented to control HC/VOC emissions. Focus shall be given to prevent fugitive emissions for which preventive maintenance of pumps, valves, pipelines are required. Proper maintenance of mechanical seals of pumps and valves shall be given. A preventive maintenance schedule for each unit shall be prepared and adhered to. Fugitive emission of HC from product storage tank yards etc. must be regularly monitored sensors for detecting HC leakage shall be provide at strategic location.	
	PPs Submission: Being Complied Leak Detection and Repair (LDAR) program is implemented since 2011 for monitoring of fugitive emissions in refinery and dispatch terminal and the reports are submitted along with Six monthly monitoring reports to the RO-MoEFCC, Bhopal and other authorities along with Six Monthly Compliance Report of Environment Clearance. The summary of the savings done after the repair of identified leaks from Oct-24 to March-25 is given below: S. No. Total points checked Equipments checked 1 9566 Pump, compressors, valves, flanges, exchangers, PSV, PRV etc. Savings resulted after leak detection and repair is 0.276 Kg/day. Leak detected as per the GSR 186(E) dtd. 18.03.24 HC detectors installed at strategic locations as per requirement.		Date: 05/05/2025
6	AIR QUALITY MONITORING AND PRESERVATION	SO ₂ emission after expansion from the plant shall not exceed 29.25 TPD. Sulphur recovery efficiency of sulphur recovery unit with tail gas treating shall not be less than 99.9 percent.	
	PPs Submission: Being Complied Sulphur recovery efficiency of Sulphur Recovery Unit and Tail gas treatment (TGT) sections is greater than 99.9percent. The sulphur present in crude oil gets evolved mainly in the form of H₂S gas during various stages of processing. Sulphur Recover Unit (SRU) recovers the Sulphur from Hydrogen Sulphide (H₂S) rich gas stream which is formed in various secondary processing units. H₂S rich gas is the feed to SRU and is treated in the Main Combustion Chamber and followed by two stage Claus reaction to convert H₂S into elemental Sulphur. Residual Sulphur compounds are further treated in Tail Gas Treating Unit (TGTU) in presence of catalyst. Overall, very high Sulphur recovery is achieved in SRU with efficiency of greater than 99.9percent.		Date: 05/05/2025

7	AIR QUALITY MONITORING AND PRESERVATION	As proposed, record of sulphur balance shall be maintained at the Refinery as part of the environmental data on regular basis. The basic component of sulphur balance include sulphur input through feed (sulphur content in crude oil), sulphur output from Refinery through products, by-product (elemental sulphur), atmospheric emissions etc.
PPs Submission: Being Complied Sulphur balance sheet is being maintained in Environment Management Cell based on the process feed, product and by-product.		Date: 05/05/2025
8	AIR QUALITY MONITORING AND PRESERVATION	Ambient air quality monitoring stations, PM10, PM2.5, NOx, H2S, mercaptan, non-methane-HC and Benzene shall be set up in the complex in consultation with Maharashtra Pollution Control Board, based on occurrence of maximum ground level concentration and down-wind direction of wind. The monitoring network must be decided based on modelling exercise to represent short term GLCs.
PPs Submission: Being Complied Four ambient air quality locations are identified in consultation with MPPCB namely 4 inside the plant premises and a mobile monitoring van is being deputed outside the project area with regular and random monitoring.		Date: 05/05/2025
9	WATER QUALITY MONITORING AND PRESERVATION	Total raw water requirement from Betwa river shall not exceed 6.26 MGD. Industrial effluent shall be treated in the effluent treatment plant. Treated effluent shall be recycled/reused as make up for the raw water to cooling tower. Domestic sewage shall be treated in sewage treatment plant (STP). As proposed, no effluent shall be discharged outside the plant premises and zero discharge concepts shall be followed.
PPs Submission: Being Complied Last six-month average raw water consumption is 5.94 MGD. The effluent generated from the proposed expansion is treated within the existing Effluent Treatment Plant. Domestic sewage generated is treated along with the process effluent in Sequential Batch reactor. The entire treated water is reused for production of DM water in RODM plant and for horticulture purpose. Hence, Zero Discharge Condition followed.		Date: 05/05/2025
10	WATER QUALITY MONITORING AND PRESERVATION	Oil catchers/oil traps shall be provided at all possible locations in rain/ storm water drainage system inside the factory premises.
PPs Submission: Complied Three numbers of oil catchers are already in place on storm water drainage system inside the factory premises. S. No. Oil Catcher Location 1 Oil Catcher-1 ETP, to handle the storm water flowing from the process plants 2 Oil Catcher-2 ETP, to cater the storm water from Crude Receipt Terminal 3 Oil Catcher-3 Near Flare stack, to cater the storm water near flare stack		Date: 05/05/2025
11	Risk Mitigation and Disaster Management	Proper oil spillage prevention management plan shall be prepared to avoid spillage/leakage of oil/petroleum product and ensure regular monitoring.
PPs Submission: Being Complied Emergency Response and Disaster Management Plan has been prepared. Necessary features incorporated in expansion refinery to prevent and collect oil spills etc.		Date: 05/05/2025
12	Risk Mitigation and Disaster Management	All the recommendations mentioned in the rapid risk assessment report, disaster management plan and safety guidelines shall be implemented.

PPs Submission: Being Complied being complied		Date: 05/05/2025
13	MISCELLANEOUS	Company shall adopt corporate Environment policy as per the ministrys O.M. no. J-11013/41/2006IA.II (I) dated 26th April, 2011 and implemented.
PPs Submission: Being Complied Company has well laid QEHS Policy. A hierarchical system of the company to deal with environmental issues and for ensuring the compliance of Environmental clearance conditions is developed with environmental engineers in place. Periodical review of Environmental performance takes place at APEX meetings.		Date: 05/05/2025
14	Human Health Environment	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, safe drinking water, medical health care, creche etc. The Housing may be in the form of temporary structures to be removed after the completion of the project.
PPs Submission: Complied implemented and complied		Date: 05/05/2025
15	AIR QUALITY MONITORING AND PRESERVATION	Ambient air quality data shall be collected as per NAAQMS standard notified by the ministry on 16th November, 2009 and trend analysis w.r.t past monitoring results shall also be carried out. Adequate measures based on the trend analysis shall be taken to improve the ambient air quality in the project area.
PPs Submission: Being Complied Regular monitoring is being conducted; Ambient Air quality is within prescribed limits within and outside the plant premises.		Date: 05/05/2025
16	AIR QUALITY MONITORING AND PRESERVATION	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets mitigate the noise pollution. Besides, acoustic enclosure /silencer shall be installed wherever noise levels exceed the limit.
PPs Submission: Complied Adequate stack height provided to the proposed DG sets as part of refinery expansion. Acoustic enclosures / silencers incorporated as part of the design of the DG sets		Date: 05/05/2025
17	WATER QUALITY MONITORING AND PRESERVATION	As proposed, BPCL-BINA REFINERY shall be developed rain water harvesting pond in an area of 6 acres.
PPs Submission: Complied Rainwater harvesting measures have been implemented in refinery township. Rainwater harvesting pond in 12 acres with 10 recharge wells having a capacity of 173156 m3 and recharge capacity of 25973 m3 is constructed in refinery premises.		Date: 05/05/2025
18	WASTE MANAGEMENT	As proposed, oily sludge shall be disposed-off through bio-remediation. Annual oily sludge generation and disposal data shall be submitted to Ministrys Regional Office and CPCB
PPs Submission: Being Complied Currently, the Oily sludge generated in the Effluent Treatment Plant, is reprocessed in Delayed Coker Unit (DCU). Details of generation and reprocessing from Oct 24 to Mar 25 is given below: S.		Date: 05/05/2025

No. Month Quantity, MT 1 Oct-24 22.16 2 Nov-24 20.45 3 Dec-24 19.06 4 Jan-25 20.59 5 Feb-24 16.66 6 March-25 14.65 There is also a provision in existing ETP to reprocess the Oily sludge in Bioremediation Unit. Annual oily sludge generation and disposal data is submitted in the form of Form-4 to board.		
19	WASTE MANAGEMENT	The company should strictly comply with the rules and guidelines under Manufacture, storage and import of Hazardous chemicals rules, 1989 as amended in October, 1994 and January, 2000 hazardous waste should be disposed of as per Hazardous waste (management, Handling and trans-boundary movement) rules, 2008 and amended time to time.
PPs Submission: Being Complied No hazardous chemical, which satisfies the criteria laid down in Part I of schedule 1 or listed in column 2 of Part II is being imported. The hazardous waste generated is disposed as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Hazardous Waste authorisation is also obtained from MPPCB, valid till 30.06.2029.		Date: 05/05/2025
20	WASTE MANAGEMENT	The membership of common TSDF shall be obtained for the disposal of hazardous waste. Copy authorization or membership of TSDF shall be submitted to ministrys Regional office at Bhopal. Chemical/inorganic sludge shall be sent to treatment storage disposal facility (TSDF) for hazardous waste. Spent catalyst shall be sent authorized recyclers/re-processors.
PPs Submission: Being Complied BPCL-Bina Refinery has already taken TSDF membership with M/s. Pithampur Industrial Waste Management Private Limited, Dhar, MP. The details of spent catalyst handled in FY 24-25 is also submitted in Form-IV		Date: 05/05/2025
21	Risk Mitigation and Disaster Management	The company shall strictly follow all the recommendation mentioned in the charter on corporate responsibility for Environment protection.
PPs Submission: Complied The status of CREP recommendations date 01.06.2013 is complied		Date: 05/05/2025
22	Risk Mitigation and Disaster Management	To prevent fire and explosion at oil and gas facility, potential ignition sources shall be kept to a minimum and adequate separation distance between potential ignition sources and flammable materials shall be as per the CPCB guidelines.
PPs Submission: Complied For refinery expansion, separation distance between various facilities in the refinery has been kept in accordance with applicable OISD standards (OISD-STD-118).		Date: 05/05/2025
23	GREENBELT	Green belt shall be developed at least in 255 ha area in and around the plant premises to mitigate the effects of fugitive emissions all around the plant as per the CPCB guidelines in consultation with DFO. Thick greenbelt with suitable plant species shall be developed around unit. Selection of plant species shall be as per the CPCB guidelines.
PPs Submission: Complied Green belt development is a continuous activity in and around boundaries of refinery. Green belt of 200m width along the boundary of refinery is developed with local species like Neem, Sheesham, Kadamba, Arabic gum, scholar tree, Indian rosewood, red forest gum etc. A total of 5 Lakh saplings are planted so far inside refinery and outside premises in phase wise manner. 290 Ha of green belt is already developed and additionally 90 ha of green belt is developed in Forest land in collaboration of		Date: 05/05/2025

MP Forest Department. Total 380 Ha of green belt area as against 1015 Ha (37.43percent of total area of 1015 Ha).		
24	PUBLIC HEARING	All the commitment made regarding issues raised during the public hearing/consultation meeting held on 19thFebruary, 2014 shall be satisfactorily implemented.
PPs Submission: Complied Public hearing was conducted on 19.02.2014. All the issues have been addressed adequately and to the satisfaction of the stakeholders.		Date: 05/05/2025
25	Corporate Environmental Responsibility	At least 5percent of the total cost of the project shall be earmarked towards the enterprise social responsibility based on public hearing issues and item-wise details along with time bound action plan shall be prepared and submitted to the Ministrys Regional office at Bhopal. Implementation of such program shall be ensured accordingly in a time bound manner.
PPs Submission: Complied We wish to submit that 5 percent of the total project cost amounts to Rs 150 Crore with the approved cost of the Project being Rs 3000 Crore. Such an allocation is not feasible considering the economics of the project. We would like to inform that after commissioning of greenfield refinery in 2011, company continued to have accumulated losses and hence we had undertaken the capacity expansion project to overcome our weak financial position. Hence allocation of 5 percent of the total project cost towards Enterprise Social Responsibility (ESR) amounting to Rs 150 Crore will further burden the project and impact the project economics. Subsequently, vide MoEFCC Memorandum F. No. 22-65/2017-IA.III dated May 1, 2018, capital investment prescribed for a brown field project of greater than Rs 1,000 Crores to Rs. 10,000 crores are 0.25 percent on Corporate Environmental Responsibility (CER). It may be noted that we have applied for waiver of this condition with MoEFCC and EAC committee recommended the same. Further, MoEFCC circular dated 30/09/2020 allocation of funds under CER is not required. As on date we have spent more than 6.35 crores against 6.25 Crores under ESR towards protection of Environment. Apart from above, company is doing CSR jobs in surrounding areas in four thematic areas which includes Environment also.		Date: 05/05/2025
Visit Remarks		
Last Site Visit Report Date:		30/10/2024
Additional Remarks:		
Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.		

Half Yearly Compliance Report
2025
01 Jun(01 Oct - 31 Mar)

Acknowledgement

Proposal Name	Expansion of refinery capacity from 7.5 MMTPA to 7.8 MMTPA of Bharat Oman Refineries Limited(BORL) at Bina, MP considering an increase in annual operating days from 333 days to 345 days and maintaining the same daily processing rate- Amendment in Environment Clearance reg.		
Name of Entity / Corporate Office	Bharat Petroleum Corporation Limited		
Village(s)	N/A		
District	SAGAR		
Proposal No.	J-11011/135/2013-IA II (I)	Category	Industrial Projects - 2
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	MADHYA PRADESH	Entity's PAN	*****2902M
MoEF File No.	J-11011/135/2013-IA II (I)	Entity name as per PAN	BHARAT PETROLEUM CORPORATLTLD

Compliance Reporting Details

Reporting Year 2025
Remarks (if any)
Reporting Period 01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office	Bharat Petroleum Corporation Limited	
	Project Area as per EC Granted	Actual Project Area in Possession
Private	1015	1015
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	1015	1015

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
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Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	MISCELLANEOUS	The Proposal was considered by the Reconstituted Expert Appraisal Committee (Industry) in its 32nd meeting held during 20th -21st January, 2015. EIA report preparation/public hearing is exempted as per para 7(ii) of EIA Notification, 2006. The committee recommended the proposal for amendment in environmental clearance.
PPs Submission: Complied Noted		Date: 05/05/2025
2	MISCELLANEOUS	The ministry accepts the recommendation of the expert appraisal committee (industry) for amendment in the existing clearance subject to compliance of specific conditions and general conditions.
PPs Submission: Complied Noted		Date: 05/05/2025
3	MISCELLANEOUS	All other conditions will remain unchanged
PPs Submission: Complied Noted		Date: 05/05/2025
4	MISCELLANEOUS	You are requested to keep this letter with the Environmental Clearance accorded vide letter No. J-11011/135/2013-IA II (I) dated 28th November, 2014.
PPs Submission: Complied Noted		Date: 05/05/2025
5	MISCELLANEOUS	In future, in case of change in the scope of the project, the company shall obtain fresh environmental clearance
PPs Submission: Complied Noted		Date: 05/05/2025
Visit Remarks		
Last Site Visit Report Date:		30/10/2024
Additional Remarks:		
Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.		

Half Yearly Compliance Report
2025
01 Jun(01 Oct - 31 Mar)

Acknowledgement

Proposal Name		EXPANSION OF REFINERY CAPACITY FROM 7.8 MMTPA TO 12 MMTPA WITH PETROCHEMICAL COMPLEX OF M/S. BHARAT PETROLEUM CORPORATION LIMITED AT AGASODE VILLAGE, BINA TEHSIL, MADHYA PRADESH	
Name of Entity / Corporate Office		BHARAT PETROLEUM CORPORATION LIMITED	
Village(s)		N/A	
District		SAGAR	
Proposal No.	J-11011/135/2013-IA II (I)	Category	Industrial Projects - 2
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	MADHYA PRADESH	Entity's PAN	*****2902M
MoEF File No.	J-11011/135/2013-IA II (I)	Entity name as per PAN	BHARAT PETROLEUM CORPORATLTD

Compliance Reporting Details

Reporting Year 2025
Remarks (if any)
Reporting Period 01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office BHARAT PETROLEUM CORPORATION LIMITED		
	Project Area as per EC Granted	Actual Project Area in Possession
Private	1015	1015
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	1015	1015

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	LPG, Naptha, MS, HSD, ATF, SKO, sulphur, petcoke	Million Tons per Annum (MTPA)	30/11/2025	12	7.2	7.8

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	GREENBELT	Total plant area after expansion will be 1015 Ha. No additional land will be acquired for the expansion project as the same will be done within existing plant premises. Out of the total plant area 1015 Hectares i.e. 290 Ha greenbelt is already developed. Additional 90 Ha greenbelt will be developed in collaboration with State Forest Department. This would make the total greenbelt area as 37.43percent of the project area. The estimated project cost is Rs. 35000 Crores. Capital cost of EMP would be Rs. 510.6 Crores and recurring cost for EMP would be Rs. 2.8 Crores per annum. Industry proposes to allocate Rs. 30 Crores towards extended EMP (Corporate Environment Responsibility). Total Employment after expansion will be 1900 persons as direct (400) and indirect (1500).
PPs Submission: Complied 90 Ha green belt is already developed in the Forest Land in Kanjia Village (25Km from Refinery) in collaboration with Madhya Pradesh Forest Department. 1 lakh saplings planted in July-2024.		Date: 06/05/2025
2	WATER QUALITY MONITORING AND PRESERVATION	Total fresh water requirement after expansion will be 94440 m3 /day, out of which 63240 m3/day will be used for expansion of refinery with petrochemical complex. Fresh water will be met from Betwa river. NOC has been obtained from Water Resources Division vide letter no. 14/ 2006/134 dated 06.03.2019. Existing effluent generation from refinery is 9000 m3/day which is treated through Effluent Treatment Plant. Additional proposed effluent generation will be 6240 m3/day which will be treated through new Effluent Treatment Plant. Domestic waste water will be treated in STP having 360 KLD capacity. The plant will be based on Zero Liquid Discharge system and treated effluent will not be discharged outside the factory premises.
PPs Submission: Agreed to Comply Compliance will be ensured during execution of project.		Date: 06/05/2025
3	MISCELLANEOUS	Total power requirement of refinery cum petrochemical complex after expansion will be 350 MW (Existing 100 MW and Proposed 250 MW for expansion) which will be sourced from existing co-generation power plant and State Grid. NOC for power requirement from State Grid has been obtained vide letter no. 04- 01/CRZ/CS-10-W/6876 dated 10/03/2022. Three numbers of CFBC boilers each of 275 TPH and one Utility Boiler of 160 TPH capacity are there in existing refinery. Two Utility Boilers of 180 TPH each will be installed in the proposed project. A stack of height of 100 m will be installed with the proposed boilers for controlling the particulate emissions within the statutory limit of 50 mg/Nm3. Industry will install 6.5 MW DG set, which will be used as standby during power failure and adequate stack height will be provided as per CPCB

		norms to the proposed DG sets.
PPs Submission: Agreed to Comply Compliance will be ensured during execution of project.		Date: 06/05/2025
4	AIR QUALITY MONITORING AND PRESERVATION	PP informed that by taking control measures such as maximizing low Sulphur Fuel firing, Installing modern Low NOx Burners for Crackers Heaters and Utility Boilers/CDU VDU, stack heights shall be increased for Utility Boilers, Cracker Heaters and CDU/VDU unit heaters, incremental GLC of SO2 has been reduced from 28.4 mg/m3 to 5.94 mg/m3 and NOx has been reduced from 38.3 mg/m3 to 19.4 mg/m3.
PPs Submission: Agreed to Comply Shall be complied.		Date: 06/05/2025
5	WATER QUALITY MONITORING AND PRESERVATION	Comprehensive water audit to be conducted on annual basis and report to the concerned Regional Office of MOEFCC. Outcome from the report to be implemented for conservation scheme.
PPs Submission: Agreed to Comply Compliance will be ensured during execution of project.		Date: 06/05/2025
6	AIR QUALITY MONITORING AND PRESERVATION	Industry shall reduce SO2 and NOx emissions by maximizing low Sulphur Fuel firing, installing modern Low NOx Burners for Crackers Heaters and Utility Boilers/CDU VDU, stack heights shall be increased for Utility Boilers, Cracker Heaters and CDU/VDU unit heaters
PPs Submission: Agreed to Comply Compliance will be ensured during execution of project.		Date: 06/05/2025
7	AIR QUALITY MONITORING AND PRESERVATION	Regular VOC monitoring shall be done at vulnerable points.
PPs Submission: Being Complied being complied		Date: 06/05/2025
8	WASTE MANAGEMENT	Fly ash should be stored separately as per CPCB guidelines so that it should not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash and dust should be avoided. The ash from boiler shall be sold to brick manufacturers/cement industry.
PPs Submission: Being Complied being complied		Date: 06/05/2025
9	MISCELLANEOUS	The company shall 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. All public hearing issues shall be addressed as per timeline and budget (Rs. 30 Crores) submitted.

PPs Submission: Agreed to Comply Compliance will be ensured during execution of project. 200 Lakhs has already been invested in Development of Green belt. 90 Ha green belt is already developed in the Forest Land in Kanjia Village (25Km from Refinery) in collaboration with Madhya Pradesh Forest Department. 1 lakh saplings planted in July-2024.		Date: 06/05/2025
10	AIR QUALITY MONITORING AND PRESERVATION	The National Emission Standards for Petroleum Oil Refinery issued by the Ministry vide G.S.R. 186(E) dated 18th March, 2008 and G.S.R.595(E) dated 21st August, 2009 as amended from time to time, shall be followed.
PPs Submission: Agreed to Comply Shall be complied.		Date: 06/05/2025
11	AIR QUALITY MONITORING AND PRESERVATION	Volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.997percent with effective chillers/modern technology. For emission control and management, use of FG/NG in heater as fuel, adequate stack height, use of Low NOX burners in heater and boiler, continuous stack monitoring, Sulphur recovery plant, etc. shall be installed/ensured.
PPs Submission: Agreed to Comply Compliance will be ensured during execution of project.		Date: 06/05/2025
12	WATER QUALITY MONITORING AND PRESERVATION	Total freshwater requirement for the proposed project shall not exceed 94440 m3/day to be met from Betwa river. Necessary permission in this regard shall be obtained from the concerned regulatory authority. Entire effluent from the plant premises shall be treated and recycled/reused for makeup water in process etc. and no waste or treated water shall be discharged outside the premises. Domestic sewage shall be treated in the STP.
PPs Submission: Agreed to Comply Compliance will be ensured during execution of project.		Date: 06/05/2025
13	WATER QUALITY MONITORING AND PRESERVATION	Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.
PPs Submission: Agreed to Comply Compliance will be ensured during execution of project.		Date: 06/05/2025
14	Risk Mitigation and Disaster Management	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm, and solvent transfer to be done through pumps.
PPs Submission: Agreed to Comply Compliance will be ensured during execution of project.		Date: 06/05/2025
15	WASTE MANAGEMENT	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic and evaporation salt shall be disposed off to the TSDF.
PPs Submission: Agreed to Comply Compliance will be ensured during execution of project.		Date: 06/05/2025

16	MISCELLANEOUS	Study on Lifecycle assessment for Bitumen, Benzene, Toluene and Xylene (BTX) shall be instituted to understand the environmental impacts associated with all stages of the cycle of these products being hazardous and highly toxic for human exposure. Report be submitted to the Regional Office of MoEFCC.
PPs Submission: Agreed to Comply Study on LCA shall be done.		Date: 06/05/2025
17	WASTE MANAGEMENT	The oily sludge shall be subjected to melting pit for oil recovery and the residue shall be bio-remediated. The sludge shall be stored in HDPE lined pit with proper leachate collection system.
PPs Submission: Being Complied Oily sludge generated is recycled/ reprocessed in Delayed Coker Unit (DCU) within the refinery premises.		Date: 06/05/2025
18	WATER QUALITY MONITORING AND PRESERVATION	Oil catchers/oil traps shall be provided at all possible locations in rain/ storm water drainage system inside the factory premises.
PPs Submission: Complied complied		Date: 06/05/2025
Visit Remarks		
Last Site Visit Report Date:		30/10/2024
Additional Remarks:		
Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.		