

Half Yearly Compliance Report**2024****01 Dec(01 Apr - 30 Sep)****Acknowledgement**

Proposal Name	PY1 Block Development Project for production at Onshore Processing Plant (Gas Processing 90 MMSCMD and oil / condensate 1600 BPD located at Village Pillaiperumalnaullur Tehsil Tharangambadi in District Mayiladuthurai Tamil Nadu by M/s Hindustan Oil Exploration Company Limited - Environmental Clearance reg		
Name of Entity / Corporate Office	Hindustan Oil Exploration Company		
Village(s)	MANIKKAPPANGU		
District	Mayiladuthurai		
Proposal No.	F. No. J-11011/98/2007-IA II(I)	Category	Industrial Projects - 2
Plot / Survey / Khasra No.		Sub-District	Tharangambadi
State	TAMIL NADU	Entity's PAN	*****1407P
MoEF File No.	F. No. J-11011/98/2007-IA II(I)	Entity name as per PAN	HINDUSTAN OIL EXPLORATION CO LIMITED

Compliance Reporting Details

Reporting Year	2024
Remarks (if any)	NIL
Reporting Period	01 Dec(01 Apr - 30 Sep)

Details of Production and Project Area

Name of Entity / Corporate Office	Hindustan Oil Exploration Company
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	Project Area as per EC Granted	Actual Project Area in Possession
Private	40	40
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	40	40

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Gas	Others:MMSCMD	31/03/2025	90	38 MMSCF PER YEAR	55 MMSCFD
2	Condensate	BBL per day	31/03/2025	1600	196 KL PER Year	80 KLD

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	The company shall not use synthetic based mud (SBM) without prior approval of the ministry.
PPs Submission: Agreed to Comply Our Onshore Gas Processing Facility operation doesn't require any synthetic based mud SBM as this mud is required only during the drilling campaign		Date: 03/04/2025
2	Statutory compliance	The company shall undertake conservation measures to protect the marine animals / biota in the region.
PPs Submission: Complied The company took conservation measure like treatment of produced water effluent through the aeration process to maintain the parameters of marine discharge before disposal into sea in order to protect marine animals / biota in the region.		Date: 04/04/2025
3	Statutory compliance	The company shall comply with the guidelines for the disposal of solid waste, drill cutting and drilling fluids for onshore drilling operation notified vide GSR.546(E) dated 30th August 2005
PPs Submission: Complied No onshore drilling operation carried out as per the condition. The oil and gas wells are located in the offshore of Cauvery basin of Bay of Bengal at a distance of 28 nautical miles from Paringepettai and connected to the onshore gas processing facility via a subsea pipeline. Hence this point is not applicable.		Date: 03/04/2025
4	Statutory compliance	Measures shall be taken for control of fugitive emissions during designed stage itself. Green belt shall be raised in an area 11.18 ha. In an around the plant and selection of plant species shall be used as per the CPCB guidelines. All the internal roads shall be asphalted to reduce fugitive dust due to transportation of trucks.
PPs Submission: Complied All required measures have been taken for controlling fugitive emission by designing the equipment as per the OISD standards and other applicable standards. Green belt for the area of 11.18 ha forest have been maintained as per the condition recommended by the Ministry of Environment and forest. All internal roads in the onshore installation have been asphalted to reduce fugitive dust during any vehicle movement.		Date: 09/04/2025
5	Statutory compliance	The international Good Practices adopted by the petroleum industry viz international norms to safeguard the coastal and marine bio diversity would be implemented by HOEC.

PPs Submission: Complied The international good practices by the petroleum industry to safeguard the coastal and marine bio diversity like environment management plan and treatment of effluent before disposal have been implemented by M/s HOEC.		Date: 04/04/2025
6	Statutory compliance	The company shall monitor the petroleum hydrocarbons and heavy metal concentration in the marine fish species regularly and submit report to the ministry.
PPs Submission: Complied The condition recommended by ministry of environment and forest are followed and complied.		Date: 04/04/2025
7	Statutory compliance	Requisite infrastructure facilities shall be provided near the offshore installations so that booms and skimmers / chemical dispersants could be deployed immediately in case of oil leakage from the installations. Efforts should be made to curtail the oil slick within 500 meters of the installation and accordingly action plan and facilities to check the oil slick beyond 500 meters shall be provided.
PPs Submission: Complied Oil Spill Response equipment is provided in our patrolling vessel near the platform for immediate response during an oil spill. Chemical dispersants will be deployed immediately in case of oil leakage from the installations. HOEC has developed an Oil Spill Contingency Plan under the guidance of coast guard.		Date: 04/04/2025
8	Statutory compliance	The approval of DG shipping under the merchant shipping act prior to commencement of the drilling operation shall be obtained. At least 30 days prior to the commencement of drilling, the drilling location should be intimated to the director general of shipping and the company shall abide by any direction he issue regarding ensuring the safety of navigation in the area.
PPs Submission: Agreed to Comply This EC is issued by the Ministry for the onshore Gas Processing Plant and hence the condition is not applicable. However approval from DG Shipping / Ministry of defence under the merchant shipping act prior to commencement of the drilling operations will be obtained for future projects.		Date: 04/04/2025
9	Statutory compliance	The surface facilities shall be installed as per applicable codes and standards international practices and applicable local regulations.
PPs Submission: Complied The surface facilities designed and installed as per the applicable codes like API, OISD etc and local regulation by following standard international practices as per the condition recommended by Ministry of Environment and forest.		Date: 04/04/2025
10	Statutory compliance	The company shall take necessary measures to prevent fire hazards, containing oil spill and soil remediation as needed. At Place of ground flaring, the overhead flaring stack with knockout drums shall be installed to minimize the gaseous emissions during flaring.
PPs Submission: Complied The company took adequate precautionary measures to prevent fire by installing the fire ring main system connected with double headed fire hydrant system along with fire hose and nozzle. Also adequate number of Portable fire extinguisher have been placed all over the site. The installation provided with elevated flaring system as per the condition of MOEF along with knock drums to minimize gaseous emissions and periodical maintenance being carried out to ensure continuous operation.		Date: 04/04/2025
11	Statutory compliance	The drill cutting (DC) wash water shall be treated to conform to

		limits notified under the environment protection act,1986 before disposal into sea. The treated effluent shall be monitored regularly.
PPs Submission: Agreed to Comply This condition is not applicable as there is no generation of drill cutting in the production facility.		Date: 04/04/2025
12	Statutory compliance	Treated wastewater produced water or Formation water or sanitary sewage shall comply with marine disposal standards for Oil and Gas at less than 40 mg l notified under the environment protection act,1986.
PPs Submission: Complied The company provided with the treatment facility for produced water complied with marine disposal standards as per the condition recommended by Ministry of Environment and Forests.		Date: 04/04/2025
13	Statutory compliance	The company shall take necessary measures to reduce noise levels at the droll site by the providing mitigation measures such as proper acoustic enclosure to the DG set and meet the norms notified by MOEF. Height of all the stacks/ Vents shall be provided as per CPCB guidelines.
PPs Submission: Complied The Gas generator and DG set are provided with acoustic enclosure and commissioned in an enclosed space as per the norms notified by MOEF. Height of all stacks and vents are provided as per the CPCB guidelines.		Date: 04/04/2025
14	Statutory compliance	The Adequate stack height as per the CPCB standards shall be provided for stack emissions from the heaters, Flare Power Generating units at onshore facility.
PPs Submission: Complied The adequate stack height of 30M have been provided for the stack emissions from the heater, flare units at onshore facility as per the CPCB standards.		Date: 09/04/2025
15	Statutory compliance	Air quality monitoring shall be monitored for methane and non-methane hydrocarbons besides routine parameters for ambient air quality
PPs Submission: Complied Routine ambient air quality monitoring have been conducted by the NABL accredited Laboratory as per the condition stipulated by the Ministry of Environment and Forest.		Date: 04/04/2025
16	Statutory compliance	Waste water from the platform deck cleaning and storm water shall be collected through and treated. Treated produced water shall be disposed through marine outfall into the sea. Domestic waste water shall be utilized for green belt development after treatment.
PPs Submission: Complied Wastewater from platform deck cleaning and storm water have been collected through internal piping system and will be collected at onshore facility. The waste water and produced water from wells will be treated through produced water treatment system and disposed off into sea through marine outfall system. Domestic waste water collected and treated through the Sewage treatment facility and outlet water utilized for the green belt development after treatment.		Date: 09/04/2025
17	Statutory compliance	The company shall take necessary measures to prevent fire hazards containing oil spill and soil remediated as needed.
PPs Submission: Complied The company took adequate precautionary measures to prevent fire by installing the fire ring main		Date:

		system connected with double headed fire hydrant system along with fire hose and nozzle. Adequate number of Portable fire extinguisher as per OISD standard have been placed all over the site. Multipurpose foam Fire Tender available at site to tackle fire emergency. The installation provided with elevated flaring system as per the condition of MOEF along with knock drums to minimize gaseous emissions.	09/04/2025
18	Statutory compliance	The design, Material of construction, assembly inspection, testing and safety aspects of operation and maintenance of pipeline and transporting the oil shall be governed by ASME / ANSI B31.8 / B31.4 and OISD standard 141.	
PPs Submission: Complied The design, Material of construction, Assembly, inspection, testing and safety aspects of operation and maintenance of pipeline and transporting governed by ASME/ ANSI B31.8/ B31.4 and OISD standard 141.			Date: 09/04/2025
19	Statutory compliance	Annual safety audit should be carried out for the initial three years by an independent agency and report submitted to this ministry for ensuring the strict compliance of safety regulations on operations and maintenance.	
PPs Submission: Complied Regular internal safety audit has been conducted every month and the compliance status are reviewed in HSE committee meeting held at site every month.			Date: 09/04/2025
20	Statutory compliance	The project authorities should plant a minimum 10 trees for every tree cut along the pipeline route in consultation with the Local DFO(s)	
PPs Submission: Complied The Major pipeline route installed as Subsea pipeline inside the sea and no tree cuts have been envisaged in the installation of pipeline.			Date: 09/04/2025
21	Statutory compliance	The project authorities shall patrol and inspect the pipeline regularly for detection of faults as OISD guidelines and continuous monitoring of pipeline operation by adopting non-destructive method of testing as envisaged in the EMP. Pearson survey and continuous potential survey should be carried out at a regular interval to ensure the adequacy of cathodic protection system.	
PPs Submission: Complied The regular patrolling of pipeline in onshore area have been regularly patrolled and continuous survey carried out at regular interval to ensure the adequacy of cathodic protection system as per the Guidelines suggested in OISD standard.			Date: 09/04/2025
22	Statutory compliance	Proper infrastructure and sanitation facility shall be provided for the construction workers during construction. All construction wastes shall be managed so that there is no impact on the surrounding environment.	
PPs Submission: Complied The proper infrastructure and sanitation facility have been provided to construction worker during construction phase and all construction waste have been managed as such no impact on surrounding environment as per the condition recommended by Ministry of environment and forest.			Date: 09/04/2025
23	Statutory compliance	The project Proponent shall also comply with the environmental protection measures and safeguards recommended in the EIA/EMP report as well as the recommendations of the public hearing panel.	

PPs Submission: Complied The environment protection measures and safeguards recommended in EIA/EMP and in public hearing panel have been complied as per the condition recommended by Ministry of environment and forest.		Date: 09/04/2025
24	Statutory compliance	The project authorities should install SCADA system with dedicated optical fibre based telecommunication link for safe operation of pipeline and leak detection system. Additional sectionalizing of valves in the residential areas and sensitive installations should be provided to prevent the amount of gas going to the atmosphere in the event of pipeline failure. Intelligent pigging facility should be provided for the entire pipeline system for internal corrosion monitoring. Coating and Impressed current cathodic protection system should be provided to prevent external corrosion.
PPs Submission: Complied The SCADA system with Dedicated optical fibre based telecommunication link for the safe operation of the pipeline have been installed. The multiple level of Emergency shutdown system in place to prevent the amount of gas going to the atmosphere in the event of pipeline failure. The regular pigging activity in practice to prevent and monitor the corrosion. The concrete coating and cathodic protection system have been provided to prevent external corrosion.		Date: 09/04/2025
25	Statutory compliance	The fire water facilities at the onshore gas processing plant must be designed as per OISD 117 guidelines. However, for fighting prolonged fires the company should firm up a plan for assured water supply form near by ground water source / surface water source. This must be commissioned before commissioning the project.
PPs Submission: Complied The condition suggested by Ministry of Environment and forest for the installation of fire water facilities have been designed as per OISD 117 guidelines and the plan for assured water supply from nearby water sources have been complied before the commissioning of the project.		Date: 09/04/2025
26	Statutory compliance	The company shall comply with provisions of CRZ notification 1991.
PPs Submission: Complied The company comply with all provision under CRZ Notification 1991 as per the condition recommended by Ministry of environment and forest.		Date: 09/04/2025
General Conditions		
Sr.No.	Condition Type	Condition Details
1	Statutory compliance	The project authorities must strictly adhere to the stipulations made by the Tamil Nadu state pollution control board and the state government.
PPs Submission: Complied The company has obtained Consent to Operate from State Pollution Control Board and has strictly adhered to the stipulations made by the Board and the Consent are renewed regularly by the company every year.		Date: 09/04/2025
2	Statutory compliance	No further expansion or modification in the project shall be carried out without prior approval of the ministry of environment forest. In case of deviation 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	
PPs Submission: Complied No further expansion or modification in the plant will be carried out without prior approval of the ministry of environment and forests.			Date: 09/04/2025
3	Statutory compliance	The project authorities must strictly comply with the rules and regulations under manufacture, Storage and import of hazardous chemical rules,1989 as amended subsequently. Prior approvals from chief inspectorate of factories, Chief controller of explosives, Fire safety inspectorate etc. Must be obtained wherever applicable.	
PPs Submission: Complied Company strictly complied with the rules and regulation under manufacture storage and import of hazardous chemicals rules,1989 as amended on 3rd October 1994 and 6th January 2000. Approvals from chief inspectorate of Factories, Chief controller of explosive, Fire safety Inspectorate etc obtained as per the condition recommended by Ministry of environment and forest.			Date: 09/04/2025
4	Statutory compliance	The project authorities must strictly comply with the rules and regulation with regarding to handling and disposal of hazardous wastes Management and Handling rules 1989 - 2003 wherever applicable. Authorization from the state pollution control board must be obtained for collections/ Treatment / storage / disposal of hazardous wastes.	
PPs Submission: Complied The company strictly adhered with the rules and regulation with regarding to handling and disposal of hazardous waste (Management and Handling) rules 1989/2003. Authorization from the state pollution control board have been obtained for collections/ Treatment/ storage / disposal of Hazardous wastes as per the condition recommended by Ministry of environment and forest.			Date: 09/04/2025
5	Statutory compliance	The overall noise levels in and around the plant area shall be kept well within the standards (75dBA) 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 the EPA rules, 1989 viz 75 dBA (Day time) and 70 dBA (Night time).	
PPs Submission: Complied The overall noise level in and around plant area kept well within the standards 75 dBA by providing proper acoustic facility at all sources of noise generation. The company will comply with the ambient noise levels should conform to the standards prescribed under EPA rules,1989 viz 75 dBA (daytime) and 70 dBA (Night time)			Date: 09/04/2025
6	Statutory compliance	A separate Environmental management cell equipped with full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.	
PPs Submission: Complied The separate environment management cell equipped with full fledged laboratory facility available at site. Regular Environment monitoring have been conducted through the NABL accredited laboratory as per the condition recommended by Ministry of environment and forest.			Date: 09/04/2025
7	Statutory compliance	The project authorities will provide adequate funds both recurring and non-recurring to implement the conditions stipulated by the ministry of environment and forest 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.	

PPs Submission: Complied The company have been allotted an amount of Rs.10037000/- to implement the conditions stipulated by MOEF as well as the state government and funds allotted were not diverted for any other purposes.		Date: 09/04/2025
8	Statutory compliance	The regional office of this ministry at Bangalore /central pollution control board / State pollution control board will monitor the stipulated conditions herein. A six-monthly compliance report and monitored data along with statistical interpretation shall be submitted to them regularly.
PPs Submission: Complied The six-monthly compliance report and monitored data along with statistical interpretation have been submitted regularly to regional office, MOEF and state, central pollution control board as per the condition recommended by Ministry of environment and forest.		Date: 09/04/2025
9	Statutory compliance	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 forest at http:// www.envfor.nic.in . This shall be advertised within seven day of the issue of this letter in at least two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned.
PPs Submission: Complied The company informed the public that the project has been accorded environmental clearance by ministry and clearance letter from pollution control board have been advertised in the two local newspapers that are widely circulated in the region as per the condition recommended by Ministry of environment and forest.		Date: 09/04/2025
10	Statutory compliance	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 commencing the land development work.
PPs Submission: Complied The date of Financial Closure of our company is 31st march of every year. The plant was commissioned earlier during Nov 2009 and commenced production there on.		Date: 09/04/2025
Visit Remarks		
Last Site Visit Report Date:		N/A
Additional Remarks:		NIL
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.		