



# हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड

(भारत सरकार का उपक्रम) रजिस्टर्ड ऑफिस: 17, जमशेदजी टाटा रोड, मुम्बई - 400020

**HINDUSTAN PETROLEUM CORPORATION LIMITED**

(A Government of India Enterprise) REGISTERED OFFICE : 17, JAMSHEDJI TATA ROAD, MUMBAI-400020

CIN-L23201MH1952GOI008858

GSTIN NO. 08AAACH1118B1ZC

दूरभाष/ TELEPHONE : 0141-2554958, 2724718, [REDACTED]

फैक्स/ FAX : [REDACTED]

एम.डी.पी.एल. परिचालन मुख्य कार्यालय,  
M.D.P.L. OPNS.-HEAD OFFICE  
डी-7, लालबाहादुर नगर (पूर्व) जे.एल.एन. मार्ग,  
D-7, Lal Bahadur Nagar (E), J.L.N. Marg  
मालवीय नगर, जयपुर-302017  
Malviya Nagar, Jaipur-302017

Ref: HPCL/MDPL-PVPL/EC/2021/001

Date: November 23, 2021

Chief Conservator of Forests (Western Zone),  
Ministry of Environment and Forests,  
Regional Office,  
E-5, Arera Colony  
Link Road No.3,  
Bhopal - 462016.

**Sub.: Environment Clearance from Ministry of Environment & Forests for expansion of system capacity of Mundra Delhi Pipeline (5 MMTPA to 8 MMTPA) and extension pipeline (280 KM) from Palanpur to proposed marketing Terminal near Vadodara by M/s. Hindustan Petroleum Corporation Ltd (HPCL).**

Ref: EC Letter received vide Letter F.No. J-11011/18/2016-IA.II (I) dated 07.06.2017.

Dear Sir,

Reference is made to letter No. J-11011/18/2016-IA.II(I) dated 07.06.2017 from Ministry of Environment & Forests according environmental clearance to our subject project. As per clause xiii of General conditions, we are enclosing herewith a CD containing the following documents:

- I. Status of Point wise compliance of the stipulated environmental conditions as of 30.09. 2021.
- II. Environment Monitoring Data for Quarter ending September'21 for the Pipeline.

Since, above documents are to be submitted on half-yearly basis, in line with clause xiii of General conditions of EC letter, we will submit the next report by May'22. Further, please note that in line with the mail from Monitoring Team of MoEF & CC, Compliance report has also been submitted on PARIVESH Web portal of MoEF & CC.

Thanking you,

Very truly yours,

S N Sharma  
DGM-Safety & Security  
MDPL-HO, Jaipur

Encl. As above



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मालवीय नगर, जयपुर-302017  
Malviya Nagar, Jaipur-302017

Ref: HPCL/MDPL-PVPL/EC/2021/002

Date: November 23, 2021

Deputy Director,  
Ministry of Environment and Forests,  
Region office (Central)  
Kendriya Bhavan,  
5th Floor, Sector-H,  
Aliganj, Lucknow-226024.

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मालवीय नगर, जयपुर-302017  
Malviya Nagar, Jaipur-302017

Ref: HPCL/MDPL-PVPL/EC/2021/003

Date: November 23, 2021

Additional Principal Conservator of Forest (C)  
Ministry of Environment & Forest  
Northern Regional Office  
Bays No. 24-25, Sector-31-A,  
Dakshin Marg,  
Chandigarh – 160030.

**Sub.: Environment Clearance from Ministry of Environment & Forests for expansion of system capacity of Mundra Delhi Pipeline (5 MMTPA to 8 MMTPA) and extension pipeline (280 KM) from Palanpur to proposed marketing Terminal near Vadodara by M/s. Hindustan Petroleum Corporation Ltd (HPCL).**

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S N Sharma  
DGM-Safety & Security  
MDPL-HO, Jaipur

Encl. As above



**Name of the Project: MDPL Capacity Expansion & Palanpur Vadodara Extension Pipeline Project**

**Clearance Letter No. : F No.J-11011/18/2016-IA. II (I) dated 07.06.2017**

**Period of Compliance Report: April'21 to September'21**

**A. Specific Conditions:**

<b>SI No.</b>	<b>Condition</b>	<b>Compliance Status</b>
i.	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 to mitigate the noise pollution.	We confirm that adequate Stack height has been provided for all the DG sets as per CPCB standards & Acoustic enclosure will also be provided to mitigate the noise pollution.
ii.	The project authority i.e. M/s Hindustan Petroleum Corporation Ltd. (HPCL) shall ensure restoration of the Right of Way to preconstruction level as soon as construction activity completed. To ensure prevention of soil erosion, backfilled areas should be properly compacted.	We confirm that we have restored the Right of the way to preconstruction level. Further compaction of backfilled area has also been ensured.
iii.	The design, material of construction, assembly, inspection, testing and safety aspects of operation and maintenance of pipeline and transporting the natural gas shall be governed by ASME/ANSI B 31.8/B31.4 and OISD standard 141.	We confirm that same has been complied with during design & would be being complied with since commissioning of pipeline in November'19.
iv.	Annual safety audit shall 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 operation and maintenance.	It would be complied with strictly in Toto.
v.	The construction of pipeline particularly at the river and stream crossing shall be done during dry seasons to avoid disturbance of breeding seasons and soil erosion. The riverbed, embankments and dykes shall be restored adequately after installation of crossings.	We confirm that we have completed construction of crossings across river and streams i.e, Saraswati River at Chainage 34.309 Km, Sabarmati River at Ch. 106.358 Km, Mahi river at Ch. 218.847 Km, Narmada Main Canal at Ch. 160.236 Km & Sujlam Sufnam Spreading Line Canal at Ch. 101.833 Km during dry season to avoid disturbance of breeding seasons and soil erosion. Further, the riverbed, embankments and dykes have also been restored adequately after completion of crossings.



vi.	Pipeline wall thickness and minimum depth of burial at river crossings and casings at rails, major road crossings should be in conformity with ANSI/ASME requirements.	We confirm that we have complied with it during design as well as during construction at river/rail/major road crossings.
vii.	The company should follow Horizontal Drilling technique for laying of pipeline while passing through major rivers.	We confirm that we have complied with it during design & have employed the Horizontal drilling technique (HDD) during laying of pipeline while passing through major rivers, i.e, Saraswati River at Chainage 34.309 Km, Sabarmati River at Ch. 106.358 Km, Mahi river at Ch. 218.847 Km, Narmada Main Canal at Ch. 160.236 Km & Sujlam Suflam Spreading Line Canal at Ch. 101.833 Km .
viii.	The project authorities shall install SCADA system with dedicated optical fiber based telecommunication link for safe operation of pipeline and Leak Detection System. Additional sectionalizing valves in the residential areas and sensitive location shall be provided to prevent the leaking of gas going to the atmosphere in the event of pipeline failure. Intelligent pigging facility shall be provided for the entire pipeline system for internal corrosion monitoring. Coating and impressed current cathodic protection system shall be provided to prevent external corrosion.	We confirm that we have complied with the same during design as well as during construction of the pipeline. Additional 5 nos. of sectionalizing valve Stations have been constructed to prevent the leaking of finished petroleum products going to the atmosphere in the event of pipeline failure. Intelligent pigging facility has been provided for the entire pipeline system for internal corrosion monitoring. Cathodic protection system has also been provided to prevent external corrosion.
ix.	The project authorities shall patrol and inspect the pipeline regularly for detection of faults as per OISD guidelines and continuous monitoring of pipeline operation by adopting non-destructive method(s) of testing as envisaged in the EMP. Pearson survey and continuous potential survey shall be carried out at regular intervals to ensure the adequacy of cathodic protection system.	We confirm that it is being complied with by us regularly since the commissioning of Pipeline in November'19.
x.	Necessary approvals from Chief Controller of Explosives must be obtained before commission of project. Requisite On-site and Off-site Disaster Management Plans shall be prepared and implemented. It is necessary that integrated DMP should be in place as the pipeline is passing through four Districts.	<p>PESO Construction approval obtained for laying PVPL on 06.04.17, for IPS at Pindwara on 10.11.17, IPS at Bhachau on 09.01.18, Palanpur on 09.01.18, IPS at Ghadkan on 16.01.18 &amp; for Vadodara terminal on 23.01.18.</p> <p>PESO Storage Licence for IPS, Ghadkan. IPS, Bachau &amp; Amendment in Storage Licence for Palanpur Dispatch Station obtained on 14.05.19, 25.09.19 &amp; 13.09.19 respectively. PESO Hook-up Commissioning approval for IPS, Bachau &amp; IPS, Pindwara with MDPL obtained on 24.07.19. Commissioning approval for PVPL pipeline was obtained from PESO on 23.10.19. Storage Licence for Vadodara Terminal was obtained on 06.12.19. Storage License for Pindwara was obtained on 13.12.19</p>



		On-site and Off-site DMP has been prepared and are being submitted to respective Authorities.
xi.	The acoustic chambers/barriers should be provided for individual units wherever feasible in the compressor stations.	There are no Compressor Stations as part of this project. Hence, N/A.
xii.	The workers camp should have arrangement for safe drinking water, hygienic kitchen and sanitation facilities. The wastewater should be properly treated before disposal.	We confirm that we are providing safe drinking water, hygienic kitchen and sanitation facilities to the workers.
xiii.	The company shall obtain all requisite clearances for fire safety and explosives and shall comply with the stipulation made by the respective authorities.	We confirm that we have obtained all requisite clearances for fire safety and explosives and shall comply with the stipulation made by the respective authorities.
xiv.	PP shall spend 2% of project cost under Enterprises Social Commitment (ESC) activities for drinking water (RO) to schools, computer facility the school/colleges and solar panel to school/college/health centres, in the villages where the pipeline passing. PP shall also maintain the facilities.	<p>We confirm that we have implemented ESC plan @ 2% of project cost for provision of drinking water (RO) to schools, computer facility for the school/colleges and solar panel to school/college/health centers. During 2017-18, we have set up Computer labs at 8 schools in Kutch, Patan &amp; Mehsana districts with total 30 nos. of Computers covering 1200 children in Gujarat, total expenditure of approx. Rs 31 Lakhs.</p> <p>MOU Signed with National Institute of Information Technology Foundation (NIIT Foundation) for digital literacy in Mehsana and Banaskantha districts with total 25 nos. of Computers covering 1000 students in Gujarat till March 2020, entire allocated Rs 26 Lakhs have been spent till 31.03.20.</p> <p>MOU Signed with Confederation of Indian Industry (CII) for Skill Development in Kheda, Anand and Vadodara districts with total of 500 beneficiaries to be covered till March 2020 &amp; entire allocated Rs 50 lakhs have been spent till 31.03.20.</p> <p>We have also spent Rs 3.62 Lakhs for Drinking Water &amp; Toilet facilities at Govt. Primary School No. 2, Chandisar, Banskantha during Apr-Sept'19.</p>





**B. General Conditions:**

SI No.	Condition	Compliance Status
i.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Boards, State Governments and any other statutory authority.	We confirm that we shall comply with all the stipulations made by the State Pollution Control Board (SPCB), State Governments and any other statutory authority.
ii.	No further expansion or modification 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.	We confirm that the we would strictly comply with the same.
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.	We confirm that the we have been complying with the same. M/s Ecosystem resource management pvt ltd, a reputed MOEF &CC approved Agency has been appointed to carry out ambient air quality management in consultation with SPCB's. We are also enclosing herewith the Monitoring Data for 2 <sup>nd</sup> Quarter of 2021-22 along with this report.
iv.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R.No. 826(E) dated 16 <sup>th</sup> November, 2009 shall be followed.	We confirm that we have been strictly complying with the same.
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 75 dBA (daytime) and 70 dBA (nighttime).	We confirm that we have been strictly complying with Ambient noise levels as mandated.
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 chemical shall be imparted.	We confirm that Training has been imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees are being undertaken on regular basis.
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.	We confirm that we have been strictly complying with the same. All the recommendations made in the EIA/EMP in respect of environmental management and risk mitigation measures relating to the project are being implemented.

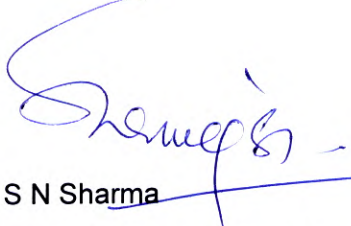




viii.	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. ESC activities shall be undertaken by involving local villages and administration.	We confirm that we have been complying with the same by implementing ESC plan as indicated above in point xiv of Specific conditions.
ix.	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	We confirm that we have been complying with the same by implementing ESC plan as indicated above in point xiv of Specific condition.
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.	Environment management cell is set up at Pipeline Projects office at Delhi headed by Ch. Manager-Co-ordination which carries out Environmental management and monitoring functions. M/s Ecosystem resource management pvt ltd., a reputed MOEF &CC approved Agency, having full-fledged laboratory facilities, for environment monitoring & Data collection at our project sites on a quarterly basis has been appointed to carry out environment monitoring for the Project. Environment Monitoring data for the last quarter is enclosed with this report.
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.	We confirm that we have earmarked 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. Further, we confirm that the funds so earmarked for environment management/pollution control measures will not be diverted for any other purpose
xii.	A copy of clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad / Municipal Corporation. Urban Local Body and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal.	N/A, as we have not received any suggestions/representations from the mentioned Authorities while processing the proposal.
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 the SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	Complied. As part of the same, this compliance report is being sent to the respective Authorities. Regarding Environment monitoring, PO has been placed on M/s J M Environet, a reputed MOEF & CC approved Agency to carry out environment monitoring for the Project and the test results is being sent to the respective Authorities along with this report.



		A copy of Environmental Clearance and six monthly compliance status report has been posted on the website of the company.
xiv.	The environmental statement for each financial year ending 31 <sup>st</sup> 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 of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.	We confirm that the Environment statement for the year ending 31.03.2021 for the operating location Palanpur and Vadodara been has been Submitted. (Copy attached)
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://moef.nic.in">http://moef.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 locality concerned and a copy of the same shall be forwarded to the Regional office of the Ministry.	Copy of the advertisements published in Times of India, Ahmedabad in English, Gujrat Samachar (Ahmedabad, Vadodara, Surat, Bhavnagar, Kutch & Rajkot editions) in Gujrati, Rajasthan Patrika (Jaipur & Pali editions) in Hindi and Hindustan Times, Delhi in English, Mint, Delhi in English , Dainik Bhaskar (Panipat & Hisar editions) in Hindi on dated 11.06.17 have already been forwarded to the Regional offices vide our letter HPCL/MDPL-PVPL/EC/2017/001, 002 & 002 dated 22.06.17.
xvi.	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.	The date of financial Closure & final approval of the project: 16.09.16. Date of start of construction for the project: 20.06.17.

  
 S N Sharma  
 DGM- Safety and Security

