



# हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड

(भारत सरकार का उपक्रम) रजिस्टर्ड ऑफिस : 17, जमशेदजी टाटा रोड मुम्बई 400 020

**HINDUSTAN PETROLEUM CORPORATION LIMITED**

(A GOVERNMENT OF INDIA ENTERPRISE) REGISTERED OFFICE : 17, JAMSHEDJI TATA ROAD, MUMBAI-400 020

Rewari Kanpur Pipeline, Rewari Receiving & Pumping Station, VPO - Karnawas Rewari-123 401 (Haryana) Tele : 01274-269517  
रेवाड़ी कानपुर पाईपलाइन, रेवाड़ी रिसिविंग एण्ड पम्पिंग स्टेशन, डिपो, गांव ब डाक कारनावास, रेवाड़ी - 123401 (हरियाणा) टेली : 01274-269517

Corporate Identity Number : L23201MH1952GO1008858

(ISO 9001 : 2015, ISO 14001 : 2015, ISO 18001 : 2007, ISO 50001 : 2011 CERTIFIED)

Ref: HPCL/RKPL/EC/2018-19/01 "SAVE ENERGY - CONSERVE ENVIRONMENT" Dated: 10 January 2019

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 Laying of Petroleum Product Pipeline with Associated Facilities from Rewari, Haryana to Kanpur, U.P. by M/s. Hindustan Petroleum Corporation Ltd.

Ref: EC Letter received vide Letter F. No. J-11 0111239/201 O-IA II (I) dated 19.03.2013 & dated 19.08.15 respectively.

Dear Sir,

Reference is made to letter no. J-11011/239/2010-IA II (I) dated 19.03.2013 & dated 19.08.15 respectively from Ministry of Environment & forests according environmental clearance to our subject project. As per clause VI of General conditions, we are submitting the following documents:

1. Status of Point wise compliance of the stipulated environmental Conditions as of 30.09.2018
2. Environment monitoring data conducted at project sites for Apr '18- Sep'18.

Since, above documents are to be submitted on half yearly basis, in line with your letter IV/ENV/UP/PL-7/374/2013/1063 dated 12.09.13, the next report will be submitted by us in April' 19.

Thanking you,

Very truly yours.

  
V.K. Goel  
DGM RKPL

Encl. as above



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Director (S)  
Ministry of Environment & Forest  
Northern Regional Office  
Bays No. 24-25, Sector-31-A,  
Dakshin Marg,  
Chandigarh - 160 030.

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"SAVE ENERGY - CONSERVE ENVIRONMENT"

Ref: HPCL/RKPL/EC/2018-19/01

Dated: 10 January 2019

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

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Name of the Project: Rewari Kanpur Pipeline Project

Clearance Letter No. : F No.J-11011/239/2010-IA II (I) dated 19.03.2013 & 19.08.2015

Period of Compliance Report: Apr 18 to Sep 18

A. Specific Conditions:		
Sl No.	Condition	Compliance Status
i.	Comments/recommendations shall be obtained from the State Forest Department regarding the impact of the proposed laying of pipeline on the surrounding reserve forests.	We confirm that we have already obtained comments from the State Forest Department in this regard vide their letters 2290/14-1 Firozabad dtd 21.02.14, 3669/14-1 Mathura dtd 25.02.14, 2626/14-1 Mati dtd 28.02.14, 3546/14-1 Hathras dtd 26.03.14 & 386/14-10-1 Etawah dtd.13.08.14.
ii.	All the conditions stipulated in the forest clearance shall be implemented.	We confirm that that all the conditions in the forest clearance, viz, Restoration of excavated portion to fully compact one, not to excavate soil/sand from forest for un authorized purpose & not to use forest land for other purposes etc has been complied with.
iii.	The project authority i.e. M/s 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 ensured restoration of the Right of the way to preconstruction level. Further compaction of backfilled area has also been ensured.
iv.	Adequate buffer zone around the oil tankage shall be maintained, as may be required as per OISD or other statutory requirements.	We confirm that same has been complied with during design & construction.
v.	The company shall monitor PM10, SO2, Nox & HC and displayed periodically on the company's web site.	M/s Mantec Consultants, a reputed MoEF approved Agency has carried out environment monitoring for the Project during 1st & 2nd quarter of 2018-2019 and the test results have been provided on our website.
vi.	Regularly monitoring of VOC and HC in the work zone area in the tankage premises shall be carried and data be submitted to Ministry's Regional Office at Lucknow and Kanpur.	We confirm that same has been complied.
vii.	The design, material of construction, assembly, inspection, testing and safety aspects of operation and maintenance of pipeline and transporting the natural gas should be governed by ASME/ANSI B 31.8/B31.4 and OISD standard 141.	We confirm that same has been complied with during design & is being complied with during operation.
viii.	Annual safety audit shall be carried out for the initial three years by an independent agency and report submitted to this Ministry	We confirm that the External Safety Audit of RKPL is completed in April 2018 for the year



	for ensuring the strict compliance of safety regulations on operation and maintenance.	2017-2018 and a copy of report is attached with this compliance report
ix.	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 complied with the same during construction of crossings across river and streams.
x.	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.
xi.	The company should follow horizontal drilling technique for laying of pipeline while passing through major rivers.	We confirm that we have followed the same during laying of pipeline while passing through major rivers.
xii.	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 locations 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 and construction of the pipeline.
xiii.	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 during the pipeline operation.
xiv.	The fire water facilities at the terminal must be designed as per OISD-117 guidelines. However, for fighting prolonged fires, the company shall firm up a plan for assured water supply from nearby ground water source/ surface water source. This must be compiled before commissioning the project.	We confirm that we have complied with the same during design. Further, we have firmed up plan for assured water supply under mutual aid from IOC/BPC at Rewari, Bharatpur, Mathura. At Kanpur, there is sufficient ground water source.



xv.	All the recommendations mentioned in the Risk Assessment report shall be implemented.	We confirm that we have complied with the same during design as well as during construction at Rewari, Mathura, Bharatpur & Kanpur Terminal.
xvi.	All the issues raised during the public hearing/consultation meetings held on 10th April, 2012 for Bharatpur terminal, 14th May, 2012 for Mathura Terminal, 4th May, 2012 for Kanpur Terminal and 3rd April, 2012 for Palanpur Terminal shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Lucknow and Bhopal.	Budget of 1.35 Crores for CSR activities at Rewari, Bharatpur, Mathura and Kanpur locations are approved, same will be implemented along the stretch of the pipeline March 2019.
xvii.	Prior permission shall be obtained from CGWA/SGWA to meet water requirement from ground water source.	We confirm that we have complied with the same.
xviii.	The company shall construct the garland drain all around the project site to prevent runoff of any oil containing waste into the nearby water bodies. Separate drainage system shall be created for oil contaminated and non-oil contaminated streams. During rainy seasons, the storm water drains shall be connected to oil water separator and passed through guard pond. Water quality monitoring of guard pond shall be conducted.	We confirm that we have complied with the same during design & construction.
xix.	Effluent from washing of storage tanks shall be properly treated in ETP and treated wastewater shall conform to CPCB standards. As proposed separate treatment system shall be provided for white oil and black oil effluent streams. No effluent shall be discharged outside the premises.	We confirm that construction of ETP has been completed at Rewari, Bharatpur, Mathura and Kanpur Terminal and the same are under operation.
xx.	Oil Industry Safety Directorate guidelines regarding safety against fire, spillage, pollution control etc. shall be followed. Company shall ensure no oil spillage occur during loading / unloading of petroleum products.	We confirm that it is being complied.
xxi.	The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules 1989, as amended in 2000 and the Public Liability Insurance Act for handling of hazardous chemicals etc. All the hazardous waste shall be properly treated and disposed of in accordance with the	We confirm that it is being complied.



	Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2008.	
xxii.	Necessary approvals from Chief Controller of Explosives must be obtained before commission of project. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented.	We have obtained Location wise Construction approvals for the project vide CCOE letters P/HQ/HN/15/409 (P 2966) dtd 21.12.12, P/HQ/GJ/15/4861 (P 52221) dtd 21.12.12, P/HQ/RJ/15/568 (P5322) dtd 24.12.12, P/HQ/UP/15/818 (P8216) dtd 02.02.13, A/ P/HQ/UP/15/5305 (P 329794) dtd 24.01.14 & P-2 (4) 869 dtd 16.07.13 for pipeline respectively. We have already obtained necessary Commissioning approval for locations vide CCOE letters P/HQ/RJ/15/568 (P5322) dtd 19.03.15, P/HQ/GJ/15/4861(P 152221) dtd 04.06.15, P/HQ/HN/15/409 (P 2966) dtd 18.06.15, P/HQ/UP/15/818 (P 8216) dtd 30.07.15, P/HQ/UP/15/5005 (P 329794) dtd 13.08.15 & P-2(4) 869 dtd 11.09.15 for pipeline respectively. On-site and Off-site DMP has been prepared and submitted to respective Authorities.
xxiii.	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 vide letters FSR-579 dtd 12.12.12, CFO/FS/Mathura/2013 dtd 29.07.13 & F No. VIII-11011/10/2013 dtd 29.07.13 and the stipulations made by the respective authorities viz, provision of fire-fighting equipments, training of workers on fire safety & conducting Mock drills has been complied with.
xxiv.	All storage tanks shall be provided with design features base on applicable OISD standards.	We confirm that we have complied with the same during design stage.
xxv.	No change in the storage capacity and other facilities shall be made without getting proper approval form the Ministry.	We confirm to strictly comply with the same.
xxvi.	Fully automated tank farm management system (TFMS), shall be provided for accounting of products & reconciliation.	We confirm that we have complied with the same during design & construction at Mathura, Bharatpur, & Kanpur Terminal.
xxvii.	Emergency Response Plan shall be based on the guidelines prepared by OISD, DGMS and Govt.of India. Mock drill shall be conducted once in a month.	We confirm that we have complied with the same during preparation of Emergency Management Plan for the project & Mock drills are being conducted on regular basis at Rewari, Mathura, Bharatpur and Kanpur



xxviii.	Bottom oil sludge shall be handled, stored and disposed as per CPCB/ MoEF guidelines. An action plan in this regard including bioremediation shall be submitted to the Ministry and its Regional Office at Lucknow and Bhopal within 3 months of issue of the letter.	We have already submitted Action plan to MoEF Regional office at Lucknow and Bhopal vide our letter HPCL/RKPL/EC/MoEF/2013 dated 17.06.13.
xxix.	Occupational health surveillance of worker shall be done on a regular basis and records maintained as per the Factory Act.	We confirm that it is being done for available workers at our locations.
xxx.	Green belt shall be developed in 33% of the tankage site area to mitigate the effect of fugitive emission all around the plant in consultation with DFO as per CPCB guidelines. Thick green belt around POL depot shall be ensured.	We confirm that we have complied with it during design & construction.
xxxi.	The Company should harvest surface as well as rainwater from the rooftops of the buildings proposed in the project and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.	We confirm that rainwater harvesting has been provisioned for all proposed buildings of the project.
xxxii.	Company should adopt Corporate Environment Policy as per the Ministry's O.M. No. J-11013/41/2006-IA.II(I) dated 26th April, 2011 and implemented.	We confirm that HPCL has already adopted Corporate Environment policy in line with the Ministry guidelines.
xxxiii.	Under Corporate Social Responsibility (CSR), sufficient budgetary provision shall be made for health improvement, education, water and electricity supply etc. in and around the project.	We have planned for sufficient budgetary provision for health improvement, education, water and electricity etc under CSR during the year & same is being implemented.

**B. General Conditions:**

Sl No.	Condition	Compliance Status
I.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Governments and any other statutory authority.	We confirm that we have complied to the stipulations, viz, prior approval for additions/alterations, adequate fire-fighting equipments, restoration of excavated portion, Mock drills etc made by the State Pollution Control Board (SPCB), State Governments and any other statutory authority.





ii.	No further expansion or modification in the project shall be carried out without prior approval of the Ministry of Environment & Forests 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 we have strictly complied with the same.
iii.	The project authorities must strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 2000 as amended subsequently Prior approvals from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire Safety Inspectorate etc. must be obtained, wherever applicable.	We confirm that prior Construction approvals from applicable Statutory Authorities have already been obtained for the project as indicated in point xxii & xxiii of Specific conditions. Further, we have also obtained approvals from Ch. Inspectorate of factories for our locations vide their letter 117 F/RK dtd 21.02.13, 11369/M/Plan/718 dtd 02.04.13, 618 dtd 17.05.13, DISH/F-Plan/2013/1291 dtd 19.08.13 & 555 DDF/Rekhank dtd 21.07.14. We have also obtained Commissioning approvals from Ch. Inspectorate of factories for our locations vide their letter 45975 dtd 23.01.15, 223/DDF/Rekhank dtd 28.02.15 & 1398 dtd 01.10.15 and Form no. 021703/ Licence no. KDH-50 respectively.
iv.	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 EPA Rules, 1989 viz 75 dBA (daytime) and 70 dBA (nighttime).	We confirm that ambient noise levels confirm to the standards prescribed under EPA Rules, 1989 as per the data monitored during the last 2 quarters of the year.
v.	A copy of clearance letter shall be sent by the 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. The clearance letter shall also be put on the web site of the company by the proponent.	We have already complied with the same.
vi.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the	We have already complied with it. As part of the same, this compliance report is being sent to the respective Authorities.



	SPCB. The Regional Office of this Ministry / CPCB / SPCB shall monitor the stipulated conditions.	
vii.	The environmental statement for each financial year ending 31st March in Form-V as in mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MoEF by e-mail.	We confirm that the Environment statement for the year ending 31.03.2018 is submitted to the concerned State Pollution Control Board.
viii.	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 and may also be seen at Website of the Ministry of Environment and Forests at <a href="http://envfor.nic.in">http://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 locality concerned and a copy of the same shall be forwarded to the Regional office.	We have already complied with the same.
ix.	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.	We have already complied with the same.

V K Goel

Dy. General Manager, RKPL