

**LATEST STATUS OF COMPLIANCE OF Environment CLEARANCE FOR Onshore development and production of Oil and Gas from 72 wells
In EG, WG and Krishna Districts of A.P.
FOR THE PERIOD FROM Oct 2023 to Mar 2024 REF NO.J-
11011/173/2015-IA-II (I), DATED 31st October 2018.**

S.NO.	EC SPECIAL CONDITION	COMPLIANCE STATUS
i.	Consent to Establish/operate for the project shall be obtain from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the water (Prevention and control of Pollution) Act, 1974.	Necessary Consent to Establish/Operate is being obtained for each well before deployment of Drilling Rig from AP Pollution Control Board.
ii.	As proposed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged to any surface water body, sea and/or on land.	At Production Installations The produced water after treatment and conforming to the prescribed standard is being discharged into ED well below 1000 m. At Drilling Rigs, drill cuttings and drilling mud is collected in HDPE lined pit.
iii.	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guide lines.	The gaseous emissions is being dispersed through stack of adequate height as per CPCB/SPCB guide lines. Ambient Air Quality Monitoring and DG stack Monitoring is done by accredited consultant.
iv.	Necessary authorization required under the hazardous and other wastes (Management and trans-boundary movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the rules shall be strictly adhered to.	Provisions contained in the rules are being adhered. Annual Returns of hazardous waste as Form-4 and record of hazardous/other wastes generation and disposal are being maintained in form-3. Both forms are being submitted to APPCB and via email to Regional office MoEFCC.
v.	Ambient air quality shall be monitored at the nearest human settlements as per the National Ambient Air Quality Emission Standards issued by the ministry vide G.S.R. No. 826(E) dated 16 th November, 2009 for PM10, PM2.5, SO2, NOx, CO, CH4, HC, Non- Methane HC etc.	Ambient Air Quality is monitored regularly by engaging third party. Copy enclosed.

vi.	During exploration, production, storage and handling, the fugitive emission of methane, if any, shall be monitored using Infra-red camera/appropriate technology.	Multi-Gas detectors are being used at site to check any fugitive emissions.
vii.	The project proponent also to ensure tapping/storing of the CO ₂ generated, if any, during the process and handling.	Adequate plantation is carried out in and around production installations for tapping/storing of the CO ₂ .
viii.	Approach road shall be made pukka to minimize generation of suspended dust.	Complied.
ix.	The company shall make all arrangements for control of noise from the drilling activity. Acoustic enclosure shall be provided for the DG sets along with the adequate stack height as per CPCB guidelines.	Complied. All the equipment comes with acoustic enclosure. Also, all the equipment are regularly monitored for noise levels. Also stack height provided as per CPCB guidelines.
x.	Total fresh water requirement shall not exceed the proposed quantum of 25 cum/day, and prior permission shall be obtained from the concerned regulatory authority.	Complied. Water is procured through hired tankers.
xi.	The company shall construct the garland drain all around the drilling 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. Effluent shall be properly treated and treated waste water shall conform to CPCB standards.	Yes, garland drain is being constructed around the drill site. During drilling, oil is not produced. Waste pits are HDPE lined to avoid seepage into nearby water bodies. Also 4 no of mobile ETP'S are in operation.
xii.	Drill cuttings separated from drilling fluid shall be adequately washed and disposed according to HWMH Rules, 2016. No effluent/drilling mud/drill cutting shall be discharged/disposed off into nearby surface water bodies. The company shall comply with the guidelines for disposal of solid waste, drill cutting and drilling fluids for onshore drilling operation notified vide G.S.R.546(E) dated 30 th august, 2005.	Due care is taken in handling of Drill Cuttings and Drilling Fluid. Disposal of solid waste is as per the statutory guidelines.

xiii.	Oil spillage prevention and mitigation scheme shall be prepared. In case of oil spillage/contamination, action plan shall be prepared to clean the site by adopting proven technology. The recyclable waste (oily sludge) and spent oil shall be disposed of to the authorized recyclers.	ONGC has Oil Spill Contingency Plan and Spent/Burnt Oil are disposed off to the authorized recyclers.
xiv.	The company shall take necessary measures to prevent fire hazards, containing oil spill and soil remediation as needed. Possibility of using ground flare shall be explored. At the place of ground flaring, the overhead flaring stack with knockout drums shall be installed to minimize gaseous emissions during operation.	Necessary measures will be taken as per SOP to prevent fire hazards, containing oil spill and soil remediation as needed.
xv.	The company shall develop a contingency plan for H2S release including all necessary aspects from evacuation to resumption of normal operations. The workers shall be provided with personal H2S detectors in locations of high risk of exposure along with self-containing breathing apparatus.	ONGC has H2S contingency plan and all necessary PPEs are provided to personnel working at sites. Detectors are provided wherever required.
xvi.	The company shall carryout long term subsidence study by collecting baseline data before initiating drilling operation till the project lasts. The data so collected shall be submitted six monthly to the Ministry and Regional office.	EIA study for EC (Onshore 72 development wells) was done. Earlier it was submitted to MoEFCC through PARIVESH portal 1.0 version. Project Subsidence study being conducted regularly. Last report of 2021 attached.

xvii.	Blowout preventer system shall be installed to prevent well blowouts during drilling operations. BOP measures during drilling shall focus on maintaining well bore hydrostatic pressure by proper pre-well planning and drilling fluid logging etc.	Complied.
xviii.	Emergency Response Plan shall be based on the guidelines prepared by OISD, DGMS and Govt. of India.	Complied.

xix.	The company shall take measures after completion of drilling process by well plugging and secured enclosures, decommissioning of rig upon abandonment of the well and drilling site shall be restored the area in original condition. In the event that no economic quantity of hydrocarbon is found a full abandonment plan shall be implemented for the drilling site in accordance with the applicable Indian Petroleum Regulations.	Site restoration SOP is available. Complied.
xx.	All the commitments made to the public during public hearing/consultation shall be satisfactorily implemented.	ONGC is engaged with locals in addressing various issues through various CSR activities.
xxi.	At least 1.5% of the total project cost shall be allocated for Corporate Environment Responsibility (CER) and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional office.	ONGC is undertaking various environment related development under various CSR activities in the surrounding villages. Under Corporate Environmental Responsibility 5 MW Solar Power Plant at Tatipaka at the cost of Rs. 24.99 Crores is commissioned.
xxii.	Occupational health surveillance of the workers shall be carried out as per the prevailing Acts and Rules.	Regular health check-up is being done as per company policy. Complied.
xxiii.	Restoration of the project site shall be carried out satisfactorily and report shall be sent to the Ministry's Regional Office.	Restoration of the project site is carried out as per the "Site Restoration Plan" and is undertaken when the site is abandoned.
xxiv.	Oil content in the drill cuttings shall be monitored by some Authorized agency and report shall be sent to the Ministry's Regional Office.	Complied.
xxv.	An audit shall be done to ensure that the Environment Management Plan is implemented in totality and report shall be submitted to the Ministry's Regional Office.	Various internal and external audits are done and observations are complied with to ensure both the Safety and Environment Management is implemented effectively.
xxvi.	Company shall have own Environment Management Cell having qualified persons with proper background.	A dedicated Health Safety & Environment Section is set up headed by CGM (P) is available for the Asset.
xxvii.	Company shall prepare operating manual in respect of all activities, which would cover all safety & environment related issues and measures to be taken for protection. One set of environmental manual shall be made available at the drilling site/project site. Awareness shall be created at each level of the management. All the schedules and results of environmental monitoring shall be available at the project site office. Remote monitoring of the site should be done.	Standard Operating Procedures are available for all operational activities. Environment chapter is the part of consolidated HSE Manual of ONGC. Awareness with respect to the safety and environment are regularly created at each level of management. All monitoring reports are available at site office and also base office.

xxviii.	On completion of drilling, the company has to plug the drilled wells safely and obtain certificate from environment safety angle from the concerned authority.	Complied.
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GENERAL CONDITIONS		
i.	The project authorities must strictly adhere to the stipulations made by the Andhra State Pollution Control Board and the State Government.	Stipulations made by the Andhra State Pollution Control Board and the State Government being followed.
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.	Shall be complied.
iii.	The locations of ambient air quality monitoring stations shall be decided in consultation with the SPCB and it shall be ensured that at least one stations each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Ambient Air Quality Monitoring is being done by engaging third party.
iv.	The National Ambient Air Quality Emission Standards issued by the Ministry vide GSR No. 826€ dated 16 th November, 2009 shall be complied with.	Complied. Test reports of Ambient Air Quality Monitoring are meeting the NAAQ emission standards.
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 EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night-time).	Except 1 m around the High noise area, the noise levels are within the permissible limits. Personnel having intermittent exposure to 1 m radius of high noise are protected with ear muffs. The resultant exposure to noise levels is within the permissible limits. Noise monitoring is carried out by engaging accredited consultant.
vi.	The company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.	Rainwater Harvesting is adopted in all buildings of various work centres of ONGC Rajahmundry Asset.

vii.	Training shall be imparted to all employees on safety and health aspects of chemical handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Mines Vocational Training is imparted to all employees on all safety and health related topics. Also PME is undertaken on regular basis for all the employees.
viii.	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, risk mitigation measures and public hearing shall be implemented.	ONGC is committed for taking up environmental protection measures and safeguards as proposed and complying with all the recommendations made in EIA/EMP.
ix.	The company shall undertake all measures for improving socioeconomic conditions of the surrounding area. ESC activities shall be undertaken by involving local villagers, administration.	ONGC is undertaking various CSR activities in the surrounding villages keeping in view for the improvement of socio-economic conditions.
x.	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	ONGC is undertaking various eco-development CSR activities in the surrounding villages such as provision of Safe drinking water, tree plantation etc.
xi.	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the MoEFCC 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.	Adequate funds both recurring and non-recurring available to implement the conditions stipulated by the Ministry of Environment and Forests.
xii.	A copy of the 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.	The EC letter is submitted initially to all concerned. The clearance letter also put on ONGC website www.ongcindia.com .
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 email) to the respective Regional Office of MoEFCC, the respective Zonal office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	Complied. This compliance report is being uploaded online on PARIVESH portal.

xiv.	The environmental statement for each financial year ending 31 st 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 MoEFCC by e-mail.	Complied. Environment statement (Form-V) for financial year 2023-24 has been submitted to APPCB. Record of hazardous/other wastes generation and disposal are being maintained in form-3 and annual return filing is being done in form-4. Both forms are being submitted to APPCB and via email to Regional office MoEFCC.
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 http://moef.nic.in . 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 concerned Regional Office of the Ministry.	The EC letter is published in the News Papers both in English and Telugu languages for the information to all concerned. The clearance letter is also put on ONGC website.
xvi.	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	ONGC intimates DGMS and district authorities in stipulated formats during the opening and closing of mines as per Oil Mines Regulations-2017.

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