

Date: 05.11.2024

Ref.: CB-ONHP-2017/2/EC/Dec24/1

Head of Office,
Integrated Regional Office, Gandhi Nagar
Ministry of Env., Forest and Climate Change
Room No. 407, Aranya Bhawan
Near CH-3 Circle, Sector - 10A
Gandhinagar, Gujarat - 382010

Sub: Six-monthly Report on progressive compliance to Environmental Clearance (EC) conditions for Onshore Oil & Gas Exploration, Appraisal & Early Production in CB-ONHP-2017/2 (317 sq.km) block in Jambusar, Dist. Bharuch, Gujarat.

Ref: 1) EC letter no. SEIAA/GUJ/EC/1(b)/1552/2020 dated 16.12.2020
2) Amendment to EC letter no. SEIAA/GUJ/EC/1(b)/809/2022 dated 28.03.2022

Dear Sir,

We are pleased to submit Six-monthly Report on progressive compliance to the conditions stipulated in the Environmental Clearance accorded by SEIAA, Gujarat for CB-ONHP-2017/2 Block for the period of April 2024 to September 2024.

Thanking you,

Yours faithfully,
For Vedanta Limited (Div.: Cairn Oil & Gas)


Dilip Kumar Bera
DGM- Environment



Enclosures: As above

Copy to:

1. The Member Secretary, Gujarat Pollution Control Board, Gandhinagar
2. The Regional Officer, Central Pollution Control Board, Vadodara.
3. The Member Secretary, SEIAA, Gujarat

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**SIX MONTHLY REPORT ON
PROGRESSIVE COMPLIANCE TO ENVIRONMENTAL CLEARANCE CONDITION**

Project name:	Onshore Oil & Gas Exploration & Appraisal and Early Production in CB-ONHP-2017/2 block (317 sq. km) in Jambusar Taluk, Bharuch Dist., Gujarat
Environmental Clearance letter no:	SEIAA/GUJ/EC/1(b)/1552/2020 dated 16.12.2020 SEIAA/GUJ/EC/1(b)/809/2022 dated 28.03.2022 (EC Amendment)
Reporting Period:	April 2024 to September 2024
Project activity during reporting period:	No Exploratory drilling. Well testing/ Early production activities in Well pad # Jaya Jambusar & Well pad # Y- ME-1 (Y-Marker Exploration 1) carried out during the reporting period.
Overall status of activities w.r.t. project defined in EC:	<p>Project defined in EC:</p> <ul style="list-style-type: none"> • Drilling of Exploratory & Appraisal Wells: 69 Nos. • Early Production Units (EPU)/ Quick Production Units (QPU): 14 Nos. • Early Production: 20000 BOPD Crude Oil and 52 MMSCFD Natural gas. <p>Overall Status:</p> <p><i>The following six exploratory and appraisal wells have been drilled till date:</i></p> <ol style="list-style-type: none"> 1) Well-pad # Jaya Jambusar, Survey No.317,319, 320 & 321 Village: Amanpur Mota, Tehsil: Jambusar, District: Bharuch, Gujarat. Latitude- 22°07'42.51" N; Longitude -72°45'54.51"E. Duration in Jun'21 to Aug'21. 2) Well-pad # NW Channel, Village: Sarod, Tehsil: Jambusar, District: Bharuch, Gujarat. Latitude-22°10'57" N, Longitude-72°42'30" E. Duration from Oct'21 to Dec'21. (No commercially viable discovery found. The well pad had been plugged and abandoned. The site had been restored and hand overed to the landowners.) 3) Well-pad # Hazad Delta Lobe Survey No.316, Village: Kaavli, Tehsil: Jambusar, District: Bharuch, Gujarat. Latitude-22°08'14"N, Longitude- 72°42'19" E. Duration from Dec'21 to Feb'22. (No commercially viable discovery found. The well pad had been plugged and abandoned. The site had been restored and hand overed to the landowners.) 4) Well pad - Y ME-1 (Y-Marker Exploration 1), Survey No. 323, 324, 328, 329, 330 & 331 Village: Amanpur Mota, Tehsil: Jambusar, Gujarat. Latitude-22°07'39" N, Longitude - 72°45'49" E. Duration from May'23 to Jul'23 5) Well-pad # Jaya SW-1, Village: Amanpur Mota, Tehsil: Jambusar, Gujarat. Latitude-22°07'11" N, Longitude- 72°44'30" E. Duration from Aug'23 to Oct'23. (No commercially viable discovery found. The well pad had been temporarily plugged). 6) Well-pad # Jaya SW-3, Survey No. 276, Village: Panchakada, Tehsil: Jambusar, Gujarat. Latitude- 22°4'56.21" N, Longitude - 72°41'20.81" E. Duration from Sep'23 to Dec'23. (No commercially viable discovery found. The well pad had been temporarily plugged). <p><i>Early production/ well testing ongoing at:</i></p> <ol style="list-style-type: none"> 1) Well-pad # Jaya Jambusar, Survey No. 317, 319, 320 & 321 Village: Amanpur Mota, Tehsil: Jambusar, Dist. Bharuch, Gujarat. Latitude - 22°07'42.51" N; Longitude - 72°45'54.51" E. 2) Well pad - Y ME-1(Y-Marker Exploration 1), Survey No. 323, 324, 328, 329, 330 & 331 Village: Amanpur Mota, Tehsil: Jambusar, Gujarat. Latitude-22°07'39" N, Longitude - 72°45'49" E.

S. No.	Conditions	Status of Compliance
A. SPECIFIC CONDITIONS		
1	Project proponent (PP) shall obtain separate Environmental Clearance for commercial drilling and exploration as this proposal is for drilling of exploration activity only as per EIA Notification 2006 and amended dated 16.01.2020 (Category B2 of activity 1(b))	<u>Noted and will be complied with.</u>

S. No.	Conditions	Status of Compliance
2	No drilling shall be carried out in protected areas.	<u>Complied.</u> There is no protected area within the block or within the 10 km radius. No project activity is involved in protected area.
3	The company shall make all arrangements at 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 wastewater shall be confirm to CPCB/ GPCB standards.	<u>Complied.</u> No runoff of any oil containing waste into the nearby water bodies. Separate drainage is provided to prevent any mixing of storm water with any effluent and oil containing waste. Effluent from drilling activities was collected in HDPE lined pits, treated, and reused for mud preparation, dust suppression and other misc. purposes. The effluent generated from early production activities has been collected in HDPE lined pit and sent to the Common Effluent Treatment Plant (CETP).
4	Drill cuttings separated from drilling fluid shall be adequately washed and disposed according to HWMH rule, 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 GSR. 546 dated 30 th August 2005.	<u>Complied.</u> The waste drill cuttings associated with SBM are washed in shale shaker and treated in centrifuge & cutting dryer for removal of oil content and collected and disposed to TSDF authorized by the Gujarat Pollution Control Board (GPCB). The effluent generated from drilling activities was collected in HDPE lined pits, treated in ETP and reused for mud preparation, dust suppression and other misc. purposes. The drill cutting associated with WBM are washed in shale shaker and used as sub-grade construction material in low-lying areas.
5	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.	<u>Complied.</u> Accidental oil spill prevention and mitigation scheme has been incorporated in the overall Emergency Response Plan (ERP) of the site operation and also implemented. Oil spill kits containing absorbent pads, absorbent booms etc. are also provided at the operation site. Oily sludge and spent oil are disposed through the authorised recyclers.
6	After completion of drilling activities, in case of non-availability of hydrocarbons at the site shall be restored back to its normal condition as per the prevailing Rules/ Guidelines/ Site restoration policy.	<u>Complied.</u> The well pad had been plugged and abandoned where no commercially viable discovery was found and the dry well was found. The drill site had been restored and hand overed to the landowners wherein no further drilling is envisaged.
7	PP shall adopt best drilling practices and drilling operations shall be designed in such a way that there is no chance of contamination of ground water aquifer.	<u>Complied.</u> The waste and effluent collection pits have been provided with HDPE liner to avoid any groundwater contamination. Double casing has been provided for drilling of wells.
8	PP shall take all precautionary measures to avoid any contamination of ground water.	<u>Complied.</u> Adequate measures such as HDPE liner for effluent collection, hazardous waste pits, waste management etc. have been adopted during drilling & early production activities. Casing has been provided for drilling of wells.

S. No.	Conditions	Status of Compliance
9	The National Ambient Air Quality Emission standards issued by the Ministry vide GSR no. 826 (E) dated 16 th November 2009 shall be complied.	Complied. Ambient Air Quality monitoring has been carried out in pre-drilling, during drilling and post-drilling phases. Periodic ambient air quality monitoring has been carried out for well pad where well testing/ early production is in progress. Monitoring reports are enclosed as Annexure-1 . Parameters are found to be within prescribed limits.
10	Unit shall have to adhere to the prevailing area specific policies of GPCB with respect to discharge of pollutants and shall carry out the project development in accordance & consistence with the same.	Complied. Consolidated Consent and Authorization (CC&A) have been obtained for the well pad/ drilling locations. CCA conditions stipulated by GPCB have been complied with.
11	The project proponent must strictly adhere to the stipulations made by the Gujarat PCB, State Government and/or any other statutory authority.	Complied. CC&A conditions are being complied at project site.
12	The company shall develop a contingency plan for H ₂ S release including all necessary aspects from evacuation to resumption of normal operations. The workers shall be provided with personal H ₂ S detector in locations of high risk of exposure along with self-containing breathing apparatus.	Complied. Contingency plan for H ₂ S release including all necessary mitigation measures have been implemented at site.
13	Company shall prepare operating manual in respect of all activities which would cover all safety and environment related issues and measures to be taken for protection. One set of environment manual shall be made available at the drilling site/ project site. Awareness shall be created at each level of management. All the schedule and results of environmental monitoring shall be available at the project site office. Remote monitoring of site should be done.	Complied. Operating manual is prepared and made available covering environment and safety related issues. Awareness sessions with the drilling crew and operational staff have been carried out on various topics such as Waste Management, Spillage Control, Importance of PPE etc. Environmental monitoring has been carried out in the pre-drilling, during drilling, post-drilling phases and early production/ operational areas. Parameters are found to be within the prescribed limits. The reports are also available at site.
14.Safety & health		
a)	PP shall carry out mock drill within the premises as per the prevailing guidelines of safety and display proper evacuation plan in the manufacturing area in case of emergency or accident.	Complied. Mock drills are carried out regularly at well-pad locations on various scenarios such as: <ul style="list-style-type: none"> • Emergency Evacuation Drill • Hydrocarbon Gas Leakage Drill • H₂S Gas Leakage Drill • Electrical Fire Drill • Electrical Shock Evacuation Drill • Fire Drill Emergency evacuation plan has been prepared and displayed at every site operational area.
b)	PP shall take all the necessary steps for human safety within the premises to ensure that no any harm is caused to any worker/ employee or labour within premises.	Complied. All necessary safety measures have been taken. Workers at site are provided with PPEs such as safety helmets, safety shoes, safety gloves, safety goggles, earplugs, mask, coveralls/ reflective jackets etc. during operational activities.
c)	The consequence arising out of incidents such as Well Blow Out, Fire, Explosion, Natural Calamities etc. shall be accurately predicted with the help of latest technique available by various Risk Analysis	Complied. Necessary fire prevention measures such as Gas Detectors, Fire & Gas sensors, fire alarms etc. have been provided at the site. Fire protection measures

S. No.	Conditions	Status of Compliance
	Studies and unit shall be accurately predicted with the help of latest technique available by various Risk Analysis studies and unit shall submit Disaster Management Plan (DMP) to the concern authority based on such probable scenarios.	such has fire hydrants, foam monitors, fire extinguishers have also been provided. Blow out preventer (BOP) has been installed at well during drilling.
d)	Personal Protective Equipment's (PPEs) shall be provided to workers and its usage shall be ensured and supervised.	Complied. Workers at site are provided with PPEs such as safety helmets, safety shoes, safety gloves, safety goggles, earplugs, mask, coveralls etc. during operational activities and usage ensured through STOP Cards.
e)	First Aid Box shall be made readily available in the unit.	Complied. First-aid boxes have been provided at well-pad/ drilling site locations.
f)	Occupational health surveillance of the workers shall be done, and its records shall be maintained. Pre employment and periodical medical examination for all the workers shall be undertaken on regular basis as per Factories Act & Rules.	Complied. Pre-employment and Periodic medical examination conducted for all the operational staff.
g)	The company shall take necessary measures to prevent fire hazards, containing oil spill and soil remediation as needed.	Complied. Necessary fire prevention measures such as Gas Detectors, Fire & Gas sensors, fire alarms etc. have been provided at the site. Fire protection measures such has fire hydrants, foam monitors, fire extinguishers have also been provided. Spill trays have been provided near DG sets to avoid any soil contamination. Oil Spill Response Kit containing absorbent booms, absorbent pads etc. is provided at the site.
h)	Blow out preventer system shall be installed to prevent well blowouts during drilling operations.	Complied. During drilling operations blow out preventor (BOP) system has been installed.
i)	Emergency response plan shall be based on the guidance by OISD DGMs and Govt. of India.	Complied. ERP has been prepared and implemented at site.
A.2. WATER		
15	Total water requirement for the project shall not exceed 105 KLD per well (87KLD for drilling & 18KLD for early production). Unit shall reuse 41 KLD per well (36 KLD drilling & 5 KLD for early production) of treated industrial effluent within premises. Hence, freshwater requirement shall not exceed 64 KLD per well (51 KLD for drilling & 13 KLD for early production) and it shall be met through tankers.	Complied. Water has been sourced from local sources through tankers. The treated effluent from the ETP was reused for mud preparation, dust suppression & other misc. usage within the operational areas.
16	PP shall not dig borewell for freshwater requirements.	Complied. No ground water extracted for this project.
17	The industrial effluent generation from the project shall not exceed 40 KLD per well.	Complied. The industrial effluent generation has been within the limits of 40 kld per well.
18	Total industrial effluent generated from the project shall be treated in mobile ETP followed by UF & RO and reused back in process.	Complied. ETP was installed at site to treat the effluent during drilling phase. The treated effluent has been used for drilling mud preparation, dust suppression and other misc. uses within the operational areas. The effluent generated from early production activities has been collected in HDPE lined pit and sent to the Common Effluent Treatment Plant (CETP).

S. No.	Conditions	Status of Compliance								
19	PP shall obtain prior permission for disposal of treated effluent.	Complied. Consolidated Consent and Authorization (CC&A) have been obtained for the well pads. The conditions stipulated in the CC&A have been implemented at site.								
20	Zero Liquid Discharge (ZLD) status shall be maintained all the time and there shall be no drainage connection from premises.	Complied. No discharge of effluent. The effluent from drilling activities has been collected in HDPE lined pits and treated in ETP and the treated effluent has been reused for drilling mud preparation, dust suppression and other misc. uses. The effluent generated from early production activities has been collected in HDPE lined pit and sent to the Common Effluent Treatment Plant (CETP). There is no drainage connection from the premises for disposal of treated effluents. It is zero discharge unit.								
21	Domestic wastewater generation shall ne exceed 12 KLD per well for proposed project and it shall be treated in STP. Treated sewage shall be utilized for gardening and plantation purpose within premises after achieving on land discharge norms prescribed by GPCB.	Complied. Domestic wastewater collected and treated by septic tank and soaking pit system.								
22	During monsoon season when treated sewage may not be required for the plantation/ Gardening /Green belt purpose, it shall be stored within premises. There shall be no discharge of waste water outside the premises in any case.	Complied. Drilling activities are carried out for a very short term and for temporary period. It is nor around the year. The effluent from drilling activities has been collected in HDPE lined pits and treated in ETP and the treated effluent has been used for drilling mud preparation, dust suppression and other misc. uses. Domestic wastewater collected and treated by septic tank and soaking pit system. There is no discharge of treated effluent outside the project premises. Moreover, buffer storage in HDPE lined pit with adequate capacity provided for storage of treated sewage in drilling phase during rainy season.								
23	Unit shall provide buffer water storage tank of adequate capacity for storage of treated wastewater during rainy days.	Complied. Buffer storage in HDPE lined pit with adequate capacity provided for storage of treated sewage in drilling phase during rainy season.								
24	The unit shall provide metering facility at the ETP, UF, RO & STP and maintain records for the same.	Complied. Water meters have been provided at the inlet and outlet of the ETP.								
25	Proper logbooks of ETP, UF,RO & STP treated effluent reused in gardening/ plantation; chemical consumptions in effluent treatment; quantity of treated effluent; power consumption etc. shall be maintained and shall be furnished to the GPCB from time to time.	Complied. Logbooks for ETP operation have been maintained. The UF/ RO provided wherever required. Provision for septic tank and soak pit has been made considering the small volume of domestic effluent and very short-term operation.								
A. 3. AIR:										
26	Unit shall not exceed fuel consumption for DG set as mentioned below: <table border="1" data-bbox="305 1801 857 1948"> <thead> <tr> <th data-bbox="305 1801 370 1885">S. N</th> <th data-bbox="370 1801 646 1885">Source of emission with Capacity</th> <th data-bbox="646 1801 760 1885">Stack Height (meter)</th> <th data-bbox="760 1801 857 1885">Type of Fuel</th> </tr> </thead> <tbody> <tr> <td data-bbox="305 1885 370 1948">1</td> <td data-bbox="370 1885 646 1948">Drilling Site- 3 x 1000 KVA (two working and</td> <td data-bbox="646 1885 760 1948">11</td> <td data-bbox="760 1885 857 1948">HSD</td> </tr> </tbody> </table>	S. N	Source of emission with Capacity	Stack Height (meter)	Type of Fuel	1	Drilling Site- 3 x 1000 KVA (two working and	11	HSD	Complied. Stacks with adequate height have been provided in all the DG/ GEG sets and the Flare. Periodic maintenance of DG/ GEG sets are undertaken.
S. N	Source of emission with Capacity	Stack Height (meter)	Type of Fuel							
1	Drilling Site- 3 x 1000 KVA (two working and	11	HSD							

S. No.	Conditions	Status of Compliance																								
	<table border="1"> <tr> <td data-bbox="305 205 370 296"></td> <td data-bbox="370 205 646 296">one standby) or 2x1850 KVA (one working and one standby)</td> <td data-bbox="646 205 760 296"></td> <td data-bbox="760 205 855 296"></td> </tr> <tr> <td data-bbox="305 296 370 386">2</td> <td data-bbox="370 296 646 386">Camp Site- 2 X 350 KVA (one working and one standby)</td> <td data-bbox="646 296 760 386">11</td> <td data-bbox="760 296 855 386">HSD</td> </tr> <tr> <td data-bbox="305 386 370 499">3</td> <td data-bbox="370 386 646 499">Liquid Mud Pump (LMP) 3 X 250 KVA (two working and one standby)</td> <td data-bbox="646 386 760 499">11</td> <td data-bbox="760 386 855 499">HSD</td> </tr> <tr> <td data-bbox="305 499 370 590">4</td> <td data-bbox="370 499 646 590">Radio Room- 2 X 100 KVA (one working and one standby)</td> <td data-bbox="646 499 760 590">11</td> <td data-bbox="760 499 855 590">HSD</td> </tr> <tr> <td data-bbox="305 590 370 621">5</td> <td data-bbox="370 590 646 621">Testing Flare Stack</td> <td data-bbox="646 590 760 621">30</td> <td data-bbox="760 590 855 621"></td> </tr> <tr> <td data-bbox="305 621 370 741">6</td> <td data-bbox="370 621 646 741">EPU Requirement- 1 X 500 KVA (Emergency Backup), GEG 1 M W</td> <td data-bbox="646 621 760 741">11</td> <td data-bbox="760 621 855 741">HSD NG</td> </tr> </table>		one standby) or 2x1850 KVA (one working and one standby)			2	Camp Site- 2 X 350 KVA (one working and one standby)	11	HSD	3	Liquid Mud Pump (LMP) 3 X 250 KVA (two working and one standby)	11	HSD	4	Radio Room- 2 X 100 KVA (one working and one standby)	11	HSD	5	Testing Flare Stack	30		6	EPU Requirement- 1 X 500 KVA (Emergency Backup), GEG 1 M W	11	HSD NG	<p>Periodic stack monitoring of DG/ GEG sets has been carried out. Monitoring reports are enclosed as Annexure-1. Parameters are found to be within the stipulated standards.</p>
	one standby) or 2x1850 KVA (one working and one standby)																									
2	Camp Site- 2 X 350 KVA (one working and one standby)	11	HSD																							
3	Liquid Mud Pump (LMP) 3 X 250 KVA (two working and one standby)	11	HSD																							
4	Radio Room- 2 X 100 KVA (one working and one standby)	11	HSD																							
5	Testing Flare Stack	30																								
6	EPU Requirement- 1 X 500 KVA (Emergency Backup), GEG 1 M W	11	HSD NG																							
27	Unit shall provide adequate APCM with flue gas generation source as mentioned above.	<p>Complied. DG/ GEG sets have been provided with adequate stack height. Regular stack monitoring is carried out. Monitoring reports are enclosed as Annexure-1. Parameters are found to be within the prescribed limits</p>																								
28	There shall be no process gas emission from drilling and exploration activities and other ancillary operations.	<p>Complied. No process gas emissions involved.</p>																								
29	<p>The fugitive emissions in the work zone environment shall be monitored. The emissions shall conform to the standards prescribed by the concerned authorities from time to time (e.g. Directors of Industrial Safety & Health) following indicative guidelines shall also be followed to reduce the fugitive emissions.</p> <ul style="list-style-type: none"> Internal roads shall be either concreted or asphalted or paved properly to reduce the fugitive emission during vehicular movement. Air borne dust shall be controlled with water sprinklers at suitable locations in the plant. A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive and transport dust emission. 	<p>Complied. Measures for prevention and control of fugitive emissions have been taken such as:</p> <ul style="list-style-type: none"> Regular sprinkling of water Covering of raw material Cover of material while transportation Speed limit of vehicles Entry of vehicles having valid PUC Maintaining of paved roads 																								
30	Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out in the work zone area and ambient air.	<p>Complied. VOC are being monitored as Benzene, Toluene & Xylene in ambient air. Monitoring reports are enclosed as Annexure-1. Parameters are found to be within the prescribed limits</p>																								
31	Regular monitoring of ground level concentration of PM10, SO2, NOx, VOCs shall be carried out in the impact zone and its records shall be maintained. Ambient air quality levels shall not exceed the standards stipulated by the GPCB. If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be taken immediately. The location of the stations and frequency of monitoring shall be decided in consultation with GPCB.	<p>Complied. Regular monitoring of PM10, PM2.5, SO2, NOx, VOCs (as Benzene, Toluene, Xylene) had been carried out. The monitoring reports are available at site. The parameters are found to be within the prescribed limits.</p>																								
A.4. SOLID/ HAZARDOUS WASTE																										

S. No.	Conditions					Status of Compliance
32	All the hazardous waste management shall be taken care as mentioned below:					<p>Complied. The hazardous wastes are being managed as per Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016</p>
S. No.	Type/ Name of Hazardous waste	Specific Source of generation (Name of the Activity, Product etc.)	Category and Schedule as per HW Rules	Quantity (MT/ Annum)	Management of HW	
1	Drill cuttings associated with SBM	SBM	HW Sc I cat 2.1	500-1500 tons/ well	Collection in HDPE lined pit and disposal as per Hazardous waste Rules, 2016 (Co processing in cement kiln as fuel substitute, common Hazardous waste TSDF, HW processing facility).	
2	Spent/ Residual drilling mud	Drilling	HW Sc I cat 2.3	250-500 tons/well	Collection in HDPE lined pit and disposal as per Hazardous waste Rules, 2016 (Co processing in cement kiln as fuel substitute, common Hazardous waste TSDF, HW processing facility).	
3	Used Lubricating oil	Others	HW Sc I cat 5.1	1-2 tons / well	Disposal as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016	
4	Sludge containing oil and other drilling work	Others	HW Sc I cat 2.2	250-500 tons/well	Disposal as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016	
33	Unit shall explore the possibilities for environment friendly methods like co-processing of hazardous waste for disposal of incinerable and land fillable waste before sending to CHWIF&TSDF sites respectively.					<p>Complied. Unit has obtained membership with authorized common TSDF for disposal of hazardous waste.</p>
A.5. OTHER:						
34	The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of the environmental protection and management.					<p>Noted. No such additional condition imposed by the SEIAA or the SEAC.</p>

S. No.	Conditions	Status of Compliance
35	Necessary permissions as mandate under Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 as applicable from time to time shall be obtained from State Pollution Control Board.	Complied. Consent under the Water Act, 1974 and Air Act, 1981 have been obtained from the Gujarat Pollution Control Board.
36	The project proponent shall allocate the separate fund of Rs.12.98 Crores i.e. 0.5% of the capital investment for the activities in accordance to the MoEF&CC's office memorandum no. F22-65/2017-IA.III dated 01/05/2018. The entire activities proposed under CER shall be monitored and the monitoring report shall be submitted to the regional office of MoEF&CC as a part of half - yearly compliance report and to district collector. The monitoring report shall be posted on the website of the project proponent.	Complied. Various activities such as Tree Plantation Drive, Swachhta Pakhwadda Cleanliness Drive, Panchayat Bhawan restoration work etc. have been undertaken. Year wise expenditure done on CER activities are mentioned below. 1. FY 2021-22: Rs. 31.63 lakh 2. FY 2022-23: Rs. 5.15 lakh 3. FY 2022-24: Rs. 19.63 lakh Total: Rs. 56.41 lakh Year wise expenditure incurred for environment management activities including wastewater management, waste management, environment monitoring etc. are provided below. 1. FY 2021-22: Rs. 3.32 Crore 2. FY 2022-23: Rs. 0.50 Crore 3. FY 2023-24: Rs. 3.33 Crore 4. FY 2024-25: Rs. 0.01 Crore Total: Rs. 7.16 Crore
	All the environmental protection measures and safeguards proposed in the form-1 & PFR submitted by the project proponent and commitments made in their application shall be strictly adhere to in letter and spirit.	Complied. All the environmental protection measures and safeguards proposed in the Form-1 & PFR submitted have been complied for the project activities.
B. GENERAL CONDITIONS: B.1 CONSTRUCTION PHASE:		
38	Water demand during construction shall be reduced by use of curing agent, super plasticizers and other best construction practices.	Complied Considering very limited civil construction requirement, there is no need for the use curing agent and such chemicals.
39	Project proponent shall ensure that surrounding environment shall not be affected due to construction activity, construction materials shall be covered during transportation and regular water sprinkling shall be done in vulnerable areas for control fugitive emissions.	Complied. Regular water sprinkling in operational areas such as approach roads, parking area, storage area has been carried out at site to reduce dust/ fugitive emissions.
40	All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.	Complied. Sanitary and hygienic measures such as wash basins, washrooms etc. are provided at the site.
41	First aid box shall be made readily available in adequate quantity at all the times.	Complied. Adequate number of first aid boxes are provided at site.
42	The project proponent shall shortly comply with the Building and Other Construction Workers' (Regulation of Employment & Conditions of Service) Act 1996 and Gujarat rules made there under and their subsequent amendments. Local bye-laws of concern authority shall be complied in letter and spirit.	Complied The Oil & Gas Exploration and Production sector falls under the provisions of Oil Mines Regulations (OMR), 2017 and regulated by the Directorate General of Mine Safety (DGMS). The provisions of OMR, 2017 are being complied with.

S. No.	Conditions	Status of Compliance
43	Ambient noise levels shall conform to residential standards both during day and night. Incremental pollution load on the ambient air and noise quality shall be closely monitored during construction phase.	<u>Complied.</u> Work zone and ambient noise monitoring carried at drilling site. Periodic work zone and ambient noise monitoring has been carried at early production site. Monitoring reports are enclosed as <u>Annexure-1.</u> Parameters are found to be within the prescribed limits.
44	Use of diesel generator sets during construction phase shall be strictly equipped with acoustic enclosure and shall conform to the EPA rules for air and noise emission standards.	<u>Complied.</u> DG/ GEG sets installed at site were equipped with acoustic enclosures and were conforming to the EPA rules for air and noise emission standards.
45	Safe disposal of wastewater and municipal solid wastes generated during the construction phase shall be ensured.	<u>Complied</u> For the drilling site/ well-pad, very limited civil work and site preparation are involved. There is no generation of wastewater or municipal solid waste.
46	All topsoil excavated during construction activity shall be used in horticultural/ landscape development within the project site.	<u>Complied.</u> The topsoil excavated has been collected, temporarily stored at site and used for site restoration and horticulture purpose.
47	Excavated earth to be generated during the construction phase shall be disposed off with the approval of the competent authority after taking the necessary precautions for general safety and health aspects. Disposal of the excavated earth during construction phase shall not create adverse effect on neighbouring communities.	<u>Complied.</u> For the preparation of drill site/ well-pad, very limited civil work is involved. There has been no excess excavated earth generation.
48	Project proponent shall ensure use of eco-friendly building materials including fly ash bricks, fly ash paver blocks, Ready Mix Concrete (RMC) and lead-free paints in the project.	<u>Complied.</u> For drill site/well-pad preparation, very limited civil work is involved. Locally available panel blocks and lead-free paints are used.
49	Fly ash shall be used in construction wherever applicable as per provisions of Fly Ash Notification under the E.P.Act 1986 and its subsequent amendments from time to time.	<u>Not applicable.</u> Not feasible for oil & gas projects as very limited civil construction is involved.
50	"Wind-breaker of appropriate height i.e. 1/3 rd of the building height and maximum up to 10 meters shall be provided. Individual building within the project site shall also be provided with barricades.	<u>Not applicable.</u> No need of Wind Breaker at the drill site.
51	"No uncovered vehicles carting construction material and waste shall be permitted".	<u>Complied.</u> The vehicles carrying construction material, cement etc. were properly covered.
52	"No loose soil or sand or construction & demolition waste or any other construction material that cause dust shall be left uncovered. Uniform piling and proper storage of sand to avoid fugitive emissions shall be ensured."	<u>Complied.</u> Loose soil or sand or any construction material kept covered at site. All materials are kept at the designated storage area and covered by tarpaulin sheet to avoid any fugitive emissions.
53	Roads leading to or at construction site must be paved and blacktopped (i.e metallic roads)	<u>Complied.</u> The roads leading to the well pad site have been paved.
54	No excavation of soil shall be carried out without adequate dust mitigation measures in place.	<u>Complied.</u> Since, this is Oil & Gas exploration project no major soil excavation activities are involved except for drilling well and preparation of pits. Excavation of soil had been carried out after dust mitigation measures have been taken such as sprinkling of water for dust suppression.

S. No.	Conditions	Status of Compliance
55	Dust mitigation measures shall be displayed prominently at the construction site for easy public viewing	<u>Complied.</u> The dust mitigation measures had been prominently displayed during the construction phase.
56	Grinding and cutting of building materials in open area shall be prohibited.	<u>Complied.</u> There was no requirement for grinding of building material. Cutting of materials was carried out in closed area.
57	Construction material and waste should be stored only within earmarked area and road -side storage of construction material and waste shall be prohibited.	<u>Complied.</u> Construction materials were stored at designated storage area and covered.
58	Construction and demolition waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site (if applicable).	<u>Complied</u> No generation of any construction and demolition waste. Adequate dust mitigation measures were implemented at the site.
B.2. OPERATION PHASE		
B.2. 1 WATER:		
59	The water meter shall be installed and records daily and monthly water consumption shall be maintained.	<u>Complied.</u> Records for water sourcing and consumption have been maintained.
60	The efforts shall be made to optimize water consumption by exploring Best Available Technology (BAT). The unit shall continuously strive to reduce, recycle and reuse the treated effluent.	<u>Complied.</u> Water meters are provided at the inlet and outlet of the ETP. The drilling wastewater was treated and reused for mud preparation, dust suppression activities. The wastewater from early production is being sent to CETP facility and reused after treatment.
B.2.2 AIR		
61	In case of use of spray dryer, the unit shall provide the adequate and efficient APCMs with spray dryer so that there should not be any adverse impact on human health and environment. Unit shall carry out third party monitoring of the proposed Spray dryer and its APCM through the credible institutes and study report for impacts on Environment and Human Health shall be submitted to GPCB every year along with half yearly compliance report.	<u>Not applicable</u> There is no requirement of spray dryer for the project.
62	Acoustic enclosures shall be provided to the DG sets (if applicable) to mitigate the noise pollution and shall conform to the EPA Rules for air and noise emission standards.	<u>Complied.</u> DG/GEG sets are provided with acoustic enclosures and with adequate stack height. Stack emission monitoring has been carried out at the drill site and early production site. Monitoring results are enclosed as <u>Annexure-1</u> . All parameters are found within the prescribed standards.
63	Stack/Vents (whichever is applicable) of adequate height shall be provided as per the prevailing norms for flue gas emission/ process gas emissions.	<u>Complied.</u> Adequate stack heights are provided as per the CPCB guidelines.
64	Flue gas emission & process gas emission (if any) shall conform to the standards prescribed by the GPCB/ CPCB/ MoEF&CC. At no time, emission level should go beyond the stipulated standards.	<u>Complied.</u> Periodic stack monitoring is carried out for the DG/ GEG sets. Monitoring reports are enclosed as <u>Annexure-1</u> . All parameters are found within the prescribed standards.
65	All the reactors/ vessels used in the manufacturing process shall be closed to reduce the fugitive emission.	<u>Not applicable.</u> There is no requirement of reactors/ vessels in this project.
B.2.3 HAZARDOUS/ SOLID WASTE		

S. No.	Conditions	Status of Compliance
66	The company shall strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous and Other Waste (Management and Transboundary Movement) Rules 2016, a may be amended from time to time. Authorization of the GPCB shall be obtained for collection/ treatment/ storage/ disposal of hazardous wastes.	<u>Complied.</u> The company has complied with the rules and regulations with regards to handling and disposal of Hazardous Waste in accordance with the Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016. The company has obtained authorization from the GPCB for generation and disposal of hazardous wastes.
67	Hazardous wastes shall be dried, packed and stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility before its disposal.	<u>Complied.</u> The hazardous waste is dried and stored properly in designated HW storage with impervious flooring and proper covering.
68	The unit shall obtain necessary permission from the nearby TSDF site and CHWIF. (Whichever is applicable)	<u>Complied.</u> Membership obtained with TSDF authorized by the Gujarat Pollution Control Board (GPCB).
69	Trucks/ tankers used for transportation of hazardous waste shall be in accordance with the provisions under the Motor Vehicle Act,1988 and rules made there under.	<u>Complied.</u> The trucks/ tankers used for transportation of Hazardous Waste complied with the provisions of the Motor Vehicle Act, 1988 and the rules.
70	The design of the trucks/ tankers shall be such that there is no spillage during transportation.	<u>Complied.</u> Designed trucks to avoid any spillage of material during transportation have been used.
71	All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/ CHWIF.	<u>Complied</u> The drill cuttings generated associated with Water Based Mud have been used as a sub-grade construction material in low-lying areas.
72	Management of fly ash (if any) shall be as per the Fly ash Notification 2009 & its amendment time to time, and it shall be ensured that there is 100% utilization to fly ash to be generated from the unit.	<u>Not applicable.</u> No coal fired boiler requirement for the project and hence, no fly-ash generation.
B.2.4 SAFETY		
73	The occupier/ manager shall strictly comply the provisions under the Factories Act 1948 and the Gujarat Factories Rules 1963.	<u>Complied.</u> The requirements of Oil Mines Regulations (OMR), 2017 under Directorate General of Mine Safety (DGMS) have been complied with at all drill sites and early production facility. The provisions of OMR, 2017 are being complied with.
74	The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules (MSIHC) 1989, as amended time to time and the Public Liability Insurance Act for handling of hazardous chemicals etc. Necessary approvals from the Chief Controller of Explosive and concerned Govt. authorities shall be obtained before commissioning of the project. Requisite On-site and Off-site Disaster Management Plans have to be prepared and implemented.	<u>Complied.</u> Hazardous chemicals being handled as per the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 and as amended from time to time. Public liability insurance has been taken by the company vide TATA AIG Policy no. 0304012635 valid upto 30th September 2025. Disaster Management Plan has been prepared and implemented at the drill site and early production site.
75	Main entry and exit shall be separate and clearly marked in the facility.	<u>Complied.</u> Entry, exit and emergency exit gates are available and clearly marked in the facility.
76	Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency vehicles around the premises.	<u>Complied.</u> Approx. 6 meter wide approach roads have been provided for movement of vehicles, fire tender and emergency vehicles.

S. No.	Conditions	Status of Compliance
77	Storage of flammable chemicals shall be sufficiently away from the production area.	Complied. The flammable materials have been stored in a designated space within the operation site, away from the production area.
78	Sufficient number of fire extinguishers shall be provided near the plant and storage area.	Complied. Adequate necessary fire protection measures have been taken and sufficient fire extinguishers provided at the drill site and early production facility.
79	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic/ hazardous chemicals.	Complied. Adequate precautionary measures such as proper PPEs, spill kits etc. have been adopted.
80	All the toxic/ hazardous chemicals shall be stored in optimum quantity and all necessary permissions in this regard shall be obtained before commencing the expansion activities.	Complied. The toxic/ hazardous chemicals such as HSD, TEG, corrosion inhibitors have been stored in optimum quantity. Necessary approvals such as licenses from the Petroleum and Explosives Safety Organisation(PESO) have been obtained.
81	The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.	Complied. Various environmental protection and risk mitigation measures are in place as per the Risk Assessment Report.
82	Only flame proof electrical fittings shall be provided in the plant premises.	Complied. Flame-proof electrical fittings are provided at the drill sites and early production facility.
83	Storage of hazardous chemicals shall be minimized, and it shall be multiple small capacity tanks/ containers instead of one single large capacity tank/ containers.	Complied. Hazardous chemicals have been stored in optimum quantity with preferable multiple small containers.
84	All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund/ dykes walls shall be provided for storage tanks for Hazardous Chemicals.	Complied. Hydrocarbon storage tanks have been provided with controls such as level meters to avoid any leakages. Dyke walls are provided for storage of Hazardous chemicals.
85	Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.	Complied. The chemicals are handled in a closed enclosures only through pumping to minimize human exposure.
86	Tie up shall be done with nearby health care unit/ doctor for seeking immediate medical attention in the case of emergency.	Complied. Mutual aid agreement has been signed with nearby hospitals for immediate medical attention during emergencies.
87	Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised.	Complied. Adequate PPEs have been provided to the workers at site and its usage has been ensured and supervised.
88	First Aid box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.	Complied. First aid boxes with required facilities have been provided at drill site and early production site.
89	Training shall be imparted to all the workers on safety and health aspects of chemicals handling.	Complied. All workers have been provided with training pertaining to safety and health aspects of chemical handling. Regular mock drills and training have also been conducted at site for better understanding.
90	Occupational health surveillance of the workers shall be done, and its records shall be maintained. Pre-employments and periodical medical	Complied. Pre-employment and periodical health examination has been conducted and records maintained properly.

S. No.	Conditions	Status of Compliance
	examination for all the workers shall be undertaken as per Factories Act and Rules.	
91	Transportation of hazardous chemicals shall be done as per provisions of Motor Vehicles Act & Rules.	Complied. Hazardous chemicals have been transported as per the provisions of Motor Vehicles Act & Rules.
92	The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.	Complied. All the mitigation measures as per the Risk Assessment Report have been implemented.
93	Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.	Complied. Permissions from regulatory authorities such as PESO, DGMS etc. have been obtained.
B.2.5 NOISE		
94	The company shall make all arrangements for control of noise from the drilling activities.	Complied. The DG/GEG sets have been provided with acoustic enclosures for control of noise.
95	The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation, hoods, silencers enclosures etc. on all source of noise generation. The ambient noise level shall conform to the standards prescribed under Environment (Protection) Act & Rules, 1986 amended from time to time.	Complied. DG/GEG sets have been provided with acoustic enclosures for control of noise. Work zone noise and ambient Noise monitoring have been carried out at drill sites. Periodic work zone and ambient noise quality monitoring have been carried out at early production site. Monitoring reports are enclosed as Annexure-1 . Parameters are found within the prescribed standards.
96	Noise levels for workers shall be as per the Factories Act & Rules.	Complied. Work zone noise and ambient noise monitoring have been carried out at drill sites. Periodic work zone and ambient noise quality monitoring have been carried out at early production site. Monitoring reports are enclosed as Annexure-1 . Parameters are found to be within the prescribed standards.
B.2.6 CLEANER PRODUCTION AND WASTE MINIMIZATION		
97	The unit shall undertake the Cleaner Production Assessment study through a reputed institute/organisation and shall form a CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.	Exploration, Appraisal and Early Production are short term and temporary activities in nature. The Cleaner Production Assessment Study would be undertaken post the commencement of development and production activities in the block.
98	The company shall undertake various waste minimisation measures such as:	
a.	Metering and control of quantities of active ingredients to minimize waste.	Not applicable
b.	Reuse of by-products from the process as raw materials or as raw materials substitutes.	Complied Chemicals such as TEG are being regenerated to minimize the waste chemical quantity.
c.	Use of automated and close filling to minimize spillages.	Not applicable
d.	Use of close feed system into batch reactors.	Not applicable
e.	Venting equipment through vapour recovery system.	Not applicable
f.	Use of high-pressure hoses for cleaning to reduce wastewater generation.	Not applicable
g.	Recycling of washes to subsequent batches.	Not applicable

S. No.	Conditions	Status of Compliance
	h. Recycling of steam condensate.	<u>Not applicable</u>
	i. Sweeping/mopping of floor instead of floor washing to avoid effluent generation	<u>Not applicable</u>
	j. Regular preventing maintenance for avoiding leakage, spillage etc.	<u>Complied.</u> Periodic inspections and maintenance being carried out to avoid any leakage and spillage.
B.2.7 GREEN BELT AND OTHER PLANTATION		
99	The unit shall develop green belt with premises as per the CPCB guidelines. However, if the adequate land is not available within the premises, the unit shall take up adequate plantation on sides and suitable open areas in GIDC estates or any other open areas in consultation with the GIDC/ GPCB and submit and action plan of plantation for next three years to the GPCB.	<u>Complied.</u> Drilling is a short-term activity, hence greenbelt not feasible for the project. Few wells have been plugged and abandoned and drill sites have been restored, as no commercially viable discovery was found. Green development will be carried out, during development and production phase.
100	Drip irrigation/ low volume, lo angle sprinkler system shall be used for green belt development with the premises.	
B.3. OTHER CONDITIONS		
101	The project proponent shall allocate the separate fund for Corporate Environment Responsibility (CER) in accordance to the MoEFCC's Office Memorandum no. F. No. 22-65/2017-IA.III dated 01/05/2018 to carry out the activities under CER in affected area around the project. The entire activities proposed under CER shall be monitored and the monitoring report shall be submitted to the regional office of MoEFCC as a part of half yearly compliance report and to district collector. The monitoring report shall be posted on the website of the project proponent.	<u>Complied.</u> Various activities such as Tree Plantation Drive, Swachhhta Pakhwadda Cleanliness Drive, Panchayat Bhawan restoration work etc. have been undertaken. Year wise expenditure done on CER activities are mentioned below. 1. FY 2021-22: Rs. 31.63 lakh 2. FY 2022-23: Rs. 5.15 lakh 3. FY 2022-24: Rs. 19.63 lakh Total: Rs. 56.41 lakh Year wise expenditure incurred for environment management activities including wastewater management, waste management, environment monitoring etc. are provided below. 1. FY 2021-22: Rs. 3.32 Crore 2. FY 2022-23: Rs. 0.50 Crore 3. FY 2023-24: Rs. 3.33 Crore 4. FY 2024-25: Rs. 0.01 Crore Total: Rs. 7.16 Crore
102	Rainwater harvesting of surface as well as rooftop runoff shall be undertaken at the same water shall be used for the various activities of the project to conserve fresh water as well as to recharge ground water. Before recharging the surface run off, pre-treatment must be done to remove suspended matter.	<u>Complied.</u> Drilling is a very short-term activity for a temporary period. Roof top rainwater harvesting is not applicable/ feasible since there are no permanent building structures. Rainwater Harvesting will be provided in development & production phase.
103	The unit shall join and participate financially and technically for any common environmental facility/ infrastructure as and when the same is taken up either by the industrial association or GIDC or GPCB or any such authority created for this purpose by the Govt./GIDC.	<u>Noted for compliance.</u>
104	Application of solar energy shall be incorporated for illumination of common areas, lighting for gardens and street lighting in addition the provision for solar water heating system shall also be provided.	<u>Noted and will be complied with.</u> Exploration & Appraisal is a short-term activity for a temporary period. Provision of solar panels is proposed during development and production phase.

S. No.	Conditions	Status of Compliance
105	The areas earmarked as green area shall be used only for plantation and shall not be altered for any other purposes.	Complied The green areas at the project site are being used only for plantation purpose.
106	All the commitments/ undertaking given to the SEAC during the appraisal process for the purpose of environmental protection and management shall be strictly adhere to.	Complied. All the commitments given to the SEAC during the appraisal process for the purpose of environmental protection and management are strictly adhered to.
107	The project proponent shall also comply with any additional condition that be imposed by the SEAC or the SEIAA or any other competent authority for the environmental protection and management.	Noted. No such additional condition imposed by the SEIAA or the SEAC.
108	In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.	Noted.
109	The project authorities must strictly adhere to the stipulations made by the GPCB, state Govt and any statutory authority.	Complied. The stipulations made by the GPCB in the Consolidated to Consent & Authorization (CCA) are being complied with.
110	During material transfer there shall be no spillage and garland drain shall be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.	Complied. Separate drain available to avoid mixing of accidental spillage with domestic wastewater or storm water.
111	Pucca flooring/ impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.	Complied. Work areas, chemical storage and handling areas provided with pucca flooring to avoid any soil contamination.
112	Leakages from pipes, pumps shall be minimal and if occurs, shall be arrested promptly.	Complied. No leakage from pipes, pumps etc. Proper maintenance of all equipment is being monitored.
113	No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior EC from the concerned authority.	Noted.
114	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act 1986, Hazardous waste (Management, Handling and Transboundary Movement) Rules 2008 and Public Liability Act, 1991 along with their amendments and rules.	Noted.
115	The project proponent shall comply all the conditions mentioned in the "The companies (Corporate Social Responsibility Policy) Rules, 2014 and its amendments from time to time in a letter and spirit.	Complied. The conditions mentioned in the Corporate Social Responsibility Policy Rules, 2014 are being complied with. Various CSR activities such as Tree Plantation Drive, Swachhhta Pakhwadda Cleanliness Drive, Panchayat Bhawan restoration work etc. have been undertaken.
116	The project management shall ensure that unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report as well as proposed by project proponent.	Complied. The risk mitigation and environment management measures have been implemented as per the EMP and Risk Assessment reports.

S. No.	Conditions	Status of Compliance
117	The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	<u>Complied.</u> Adequate funds have been earmarked for the compliance of conditions stipulated by the SEIAA as well as the GPCB. Year wise expenditure incurred for environment management activities including wastewater management, waste management, environment monitoring etc. are provided below. 1. FY 2021-22: Rs. 3.32 Crore 2. FY 2022-23: Rs. 0.50 Crore 3. FY 2023-24: Rs. 3.33 Crore 4. FY 2024-25: Rs. 0.01 Crore Total: Rs. 7.16 Crore
118	The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.	<u>Complied.</u> Public Notice regarding information that the project has been granted the Environmental Clearance has been published in English language Newspaper 'The Times of India' dated and Gujarati language newspaper 'The Gujarat Samachar' on 16 th March 2023. Copy enclosed as <u>Annexure-2.</u>
119	It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in soft copies to the regulatory authority concerned, on 1 st June and 1 st Dec of each calendar year.	<u>Complied.</u> Half-yearly compliance reports have been regularly submitted to the concerned regulatory authorities as due on 01 st June and 01 st Dec of each calendar year.
120	Concealing factual data or submission of false/ fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of the clearance and attract action under the provisions of Environment (Protection) Act, 1986.	<u>Noted.</u>
121	The project authorities shall also adhere to the stipulations made by the GPCB.	<u>Noted.</u>
122	The SEIAA may revoke a suspend the clearance, if implement of any of the above conditions is not found satisfactory.	<u>Noted.</u>
123	The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulated additional conditions, if the same found necessary.	<u>Noted.</u>
124	The project authorities shall inform the GPCB, Regional office of MoEF and SEIAA about the dates of financial closures and final approval of the project by the concerned authorities and the date of start of the project.	<u>Noted.</u>
125	This environmental clearance is valid for Seven years from the date of issue.	<u>Noted.</u>
126	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred within a period of 30 days as prescribed	<u>Noted.</u>

S. No.	Conditions	Status of Compliance
	under Section 16 of the National Green Tribunal Act, 2010.	
127	Submission of any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance cancelled.	<u>Noted.</u>
	ADDITIONAL COMPLIANCE AS PER EC AMENDMENT	
1	Project proponent shall inform to all the concerned authorities including Municipal Corporation and District Collector and shall also give wide publicity through advertisement in minimum two local newspapers within seven days, about the Environment Clearance order accorded.	<u>Complied.</u> Public Notice regarding information that the project has been granted the Environmental Clearance has been published in English language Newspaper 'The Times of India' dated and Gujarati language newspaper 'The Gujarat Samachar' on 16th March 2023. Copy of EC letter has been submitted to District Collector and Municipal Corporation, Bharuch vide letter no. CB/ONHP/2017/2/EC/2023/01 dtd.11.09.2023. Copy enclosed as <u>Annexure-2.</u>
2	Project proponent shall appoint a key person in the organization who shall be responsible for compliance of above condition fully on behalf of the proponent. It will not mean that appointing a key person will exempt the project proponent from the responsibility of compliance. Any change in key person shall immediately be informed to SEIAA and all concerned authorities.	<u>Noted.</u>
3	Designated key person shall submit six monthly compliance report to SEIAA/SEAC, MOEF&CC, GPCB and Nodal Department of the Government.	<u>Complied.</u> Six-monthly compliance reports are being submitted to the concerned authorities.
4	The Nodal Department or any authority or officer authorized by MOEF&CC/ SEIAA can inspect the site of the project and all the facilities, for verification of compliances of environment clearance conditions.	<u>Noted.</u>
5	In case of violation reported upon, the project proponent shall be responsible for all the legal actions as per Environment Protection Act, 1986 including SEIAA may cancel, withdraw or keep in abeyance, the Environment Clearance accorded.	<u>Noted.</u>
6	Any person including the project proponent affected by this Environment Clearance order may file appeal to Honourable National Green Tribunal West Zone branch, Pune, preferably within a period of thirty days from the date of issue of Environment Clearance as prescribe under section 16 of National Green Tribunal Act 2010.	<u>Noted.</u>
7	All complains and public grievance or representations may be addressed to SEIAA/ SEAC in the email addresses (a) msseiaagj@gmail.com and (b) seacgujarat@gmail.com	<u>Noted.</u>

ANNEXURE - 1

Summary of Environmental Monitoring - CB-ONHP-2017/2 Block
(Reporting Period April' 2024 – Sept' 2024)

Environmental Monitoring for Ambient Air, DG Stack emissions, and Noise level are carried out for **Well Pad # Jaya Jambusar in CB-ONHP-2017/2 Block**.

All parameters are under the standards as prescribed by CPCB and no deviations were observed.

Ambient Air Quality Monitoring Results in the Well Pad

Three locations were selected around the operational areas for AAQ monitoring. The graphical interpretation of the results is provided below.

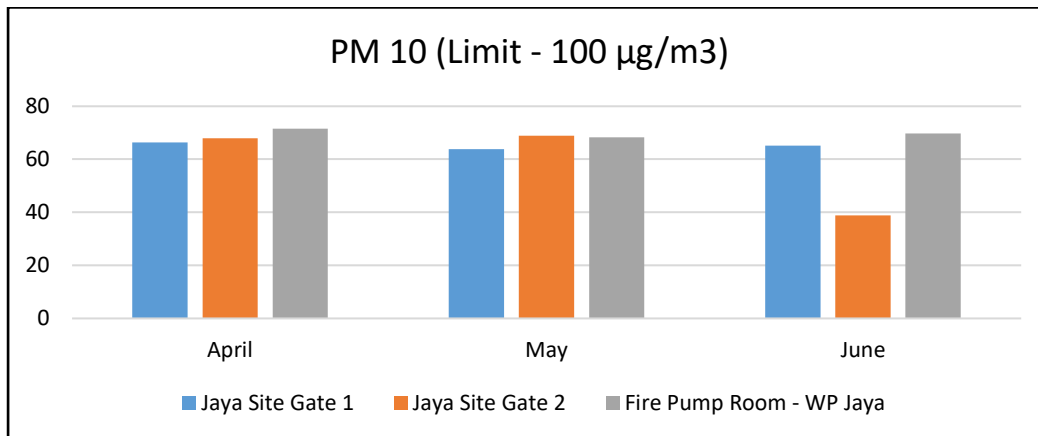


Figure 1: Graphical representation of average trend of PM₁₀ in Well Pad

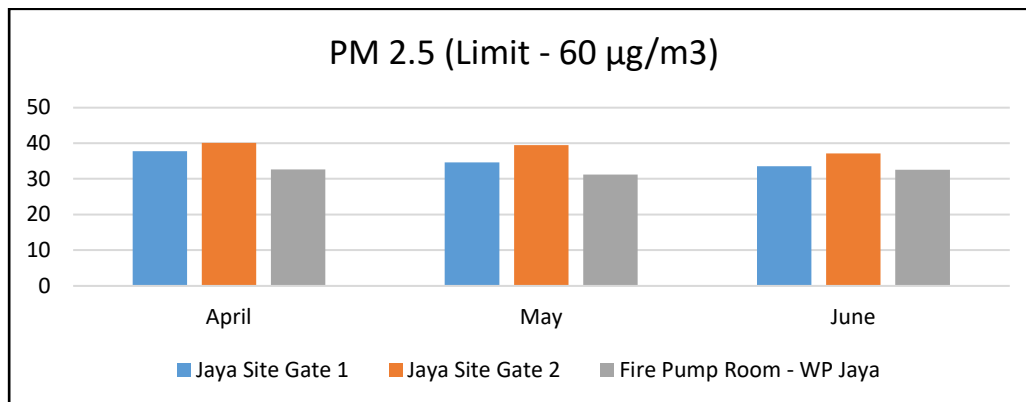


Figure 2: Graphical representation of average trend of PM_{2.5} in Well Pad

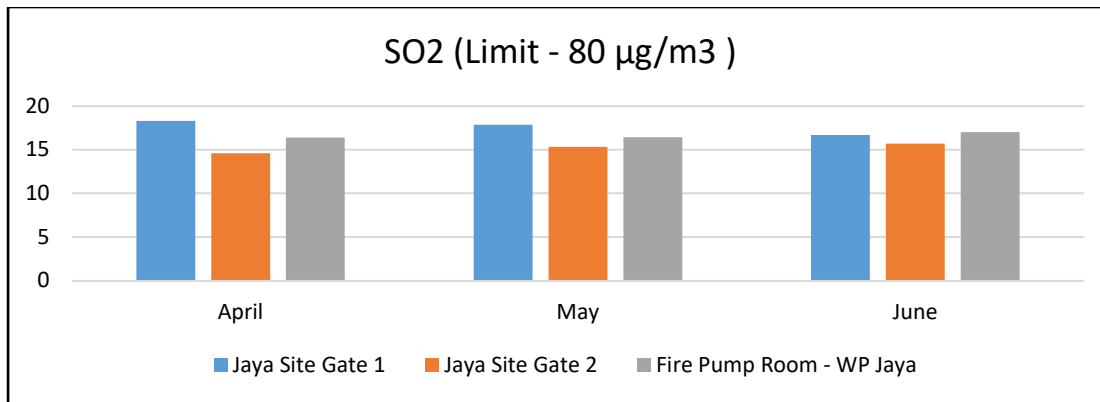


Figure 3: Graphical representation of average trend of SO₂ in Well Pad

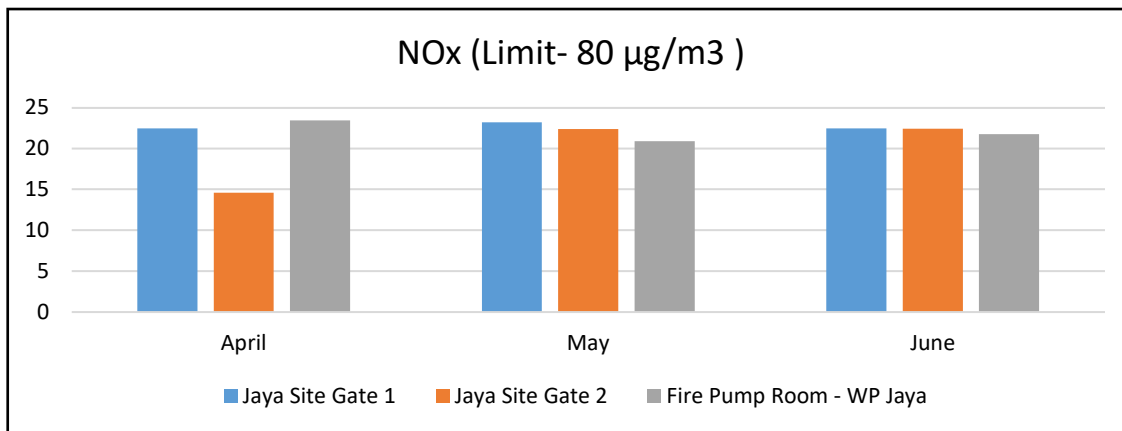


Figure 4: Graphical representation of average trend of NO_x in Well Pad

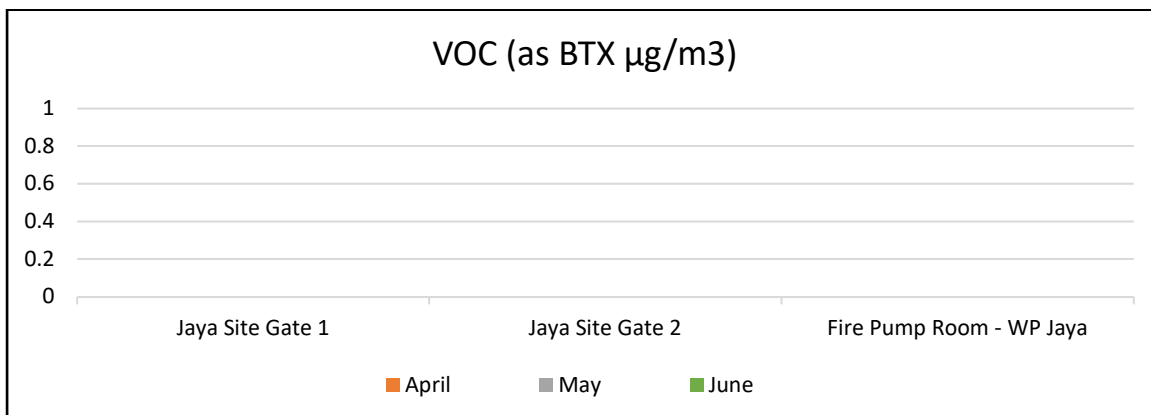


Figure 5: Graphical representation of Volatile Organic Carbons in Well Pad

Ambient Noise Quality Monitoring Results in Well Pad

Three locations were selected around the operational area for noise monitoring. The graphical interpretation of the results is provided below.

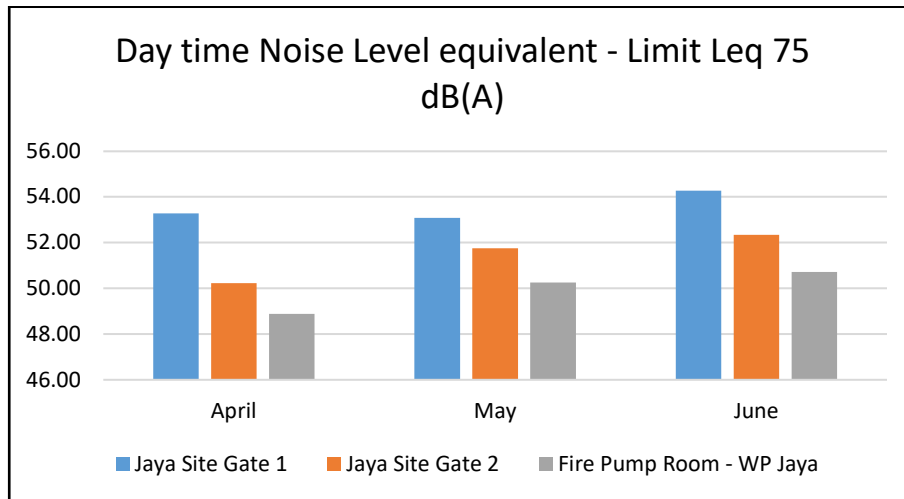


Figure 6: Graphical representation of Noise Level in Leq dB(A) in the Day Time

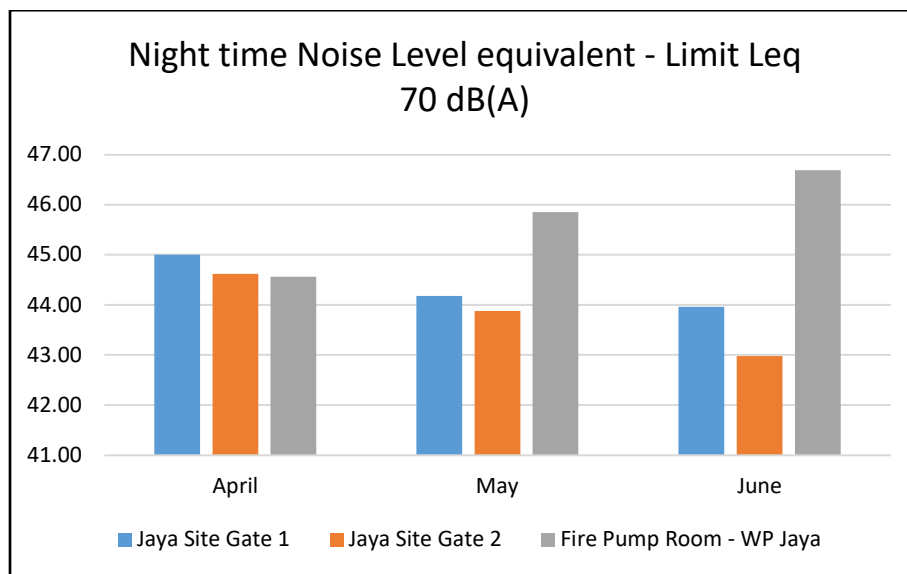


Figure 7: Graphical representation of Noise Level in Leq dB(A) in the Night-time

Stack Monitoring Results in Well Pad

Stack Monitoring was carried out for stacks attached to the exhaust stacks of various equipment across the operational site.

Graphical representation of average emission monitoring results during the reporting period is as follows:

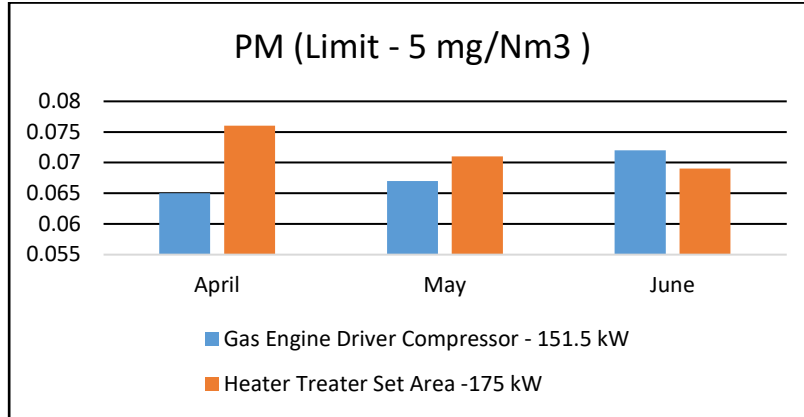


Figure 8: Graphical representation of average emission of Particulate Matter in mg/Nm³

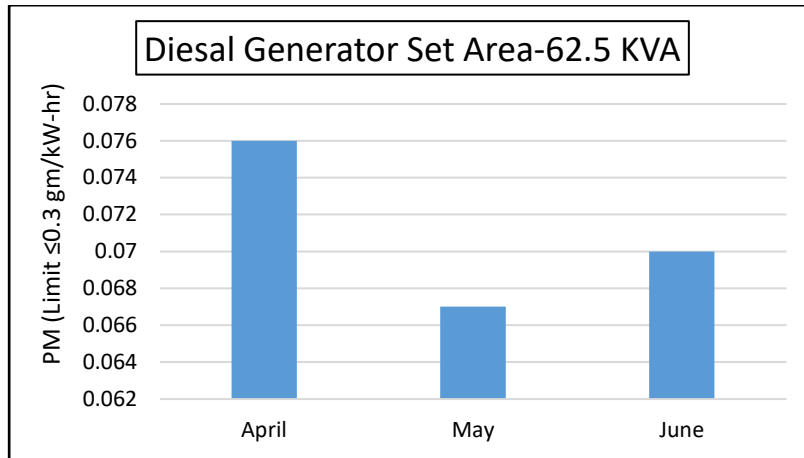


Figure9: Graphical representation of avg. emission of Particulate Matter in gm/kW-hr

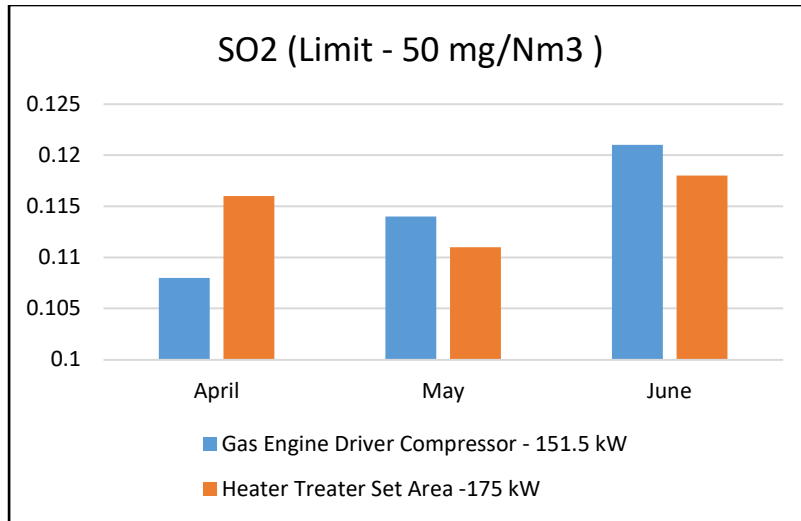


Figure 10: Graphical representation of average emission of Sulphur di-oxides (SO₂) in mg/Nm³

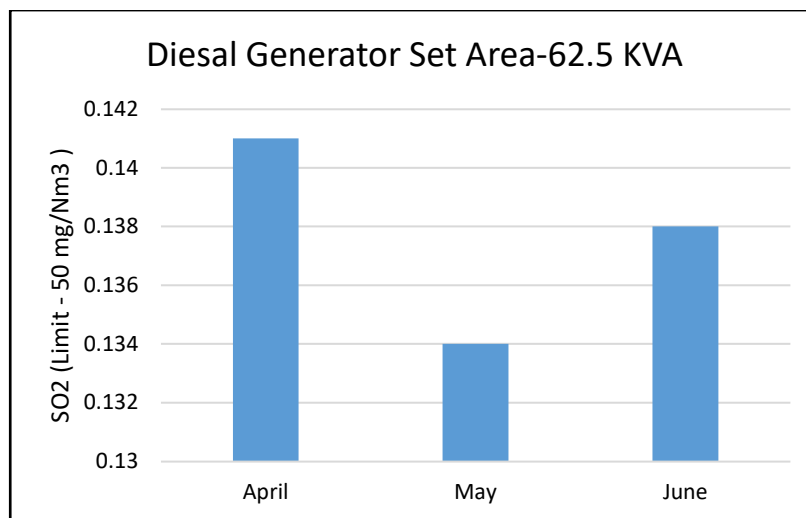


Figure 11: Graphical representation of average of Sulphur di-oxides (SO₂) in mg/Nm³

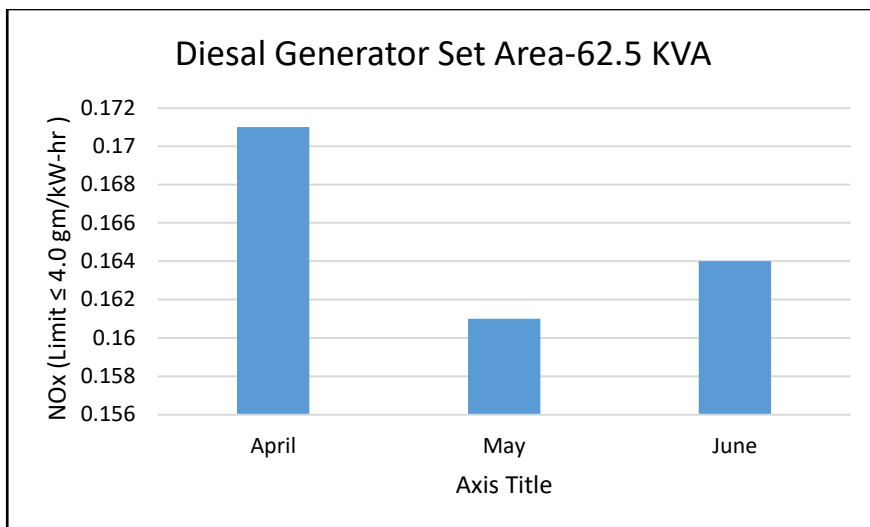


Figure 12: Graphical representation of average emission of Oxides of Nitrogen (NOx) in gm/kWh

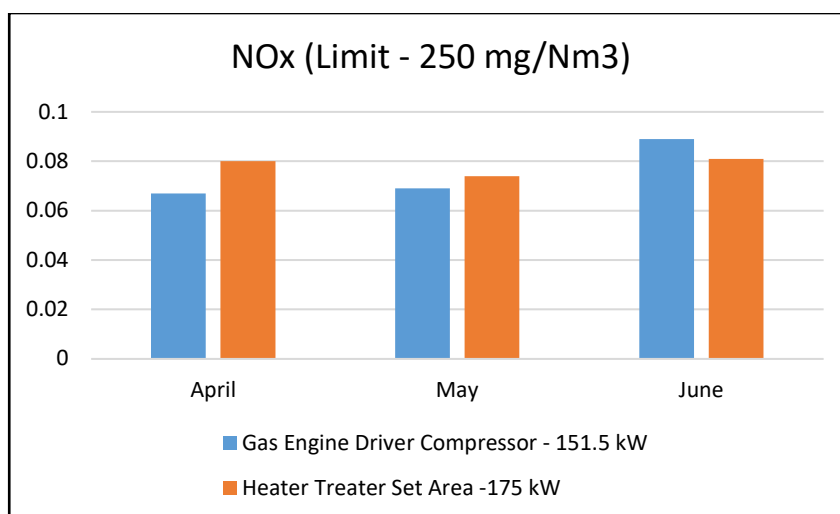


Figure 13: Graphical representation of average emission of Oxides of Nitrogen (NOx) in mg/Nm3

Work Zone Noise Monitoring Results in Well Pad

Two locations were selected around Well Pad in the operational area for work zone noise monitoring. The graphical interpretation of the results is provided below.

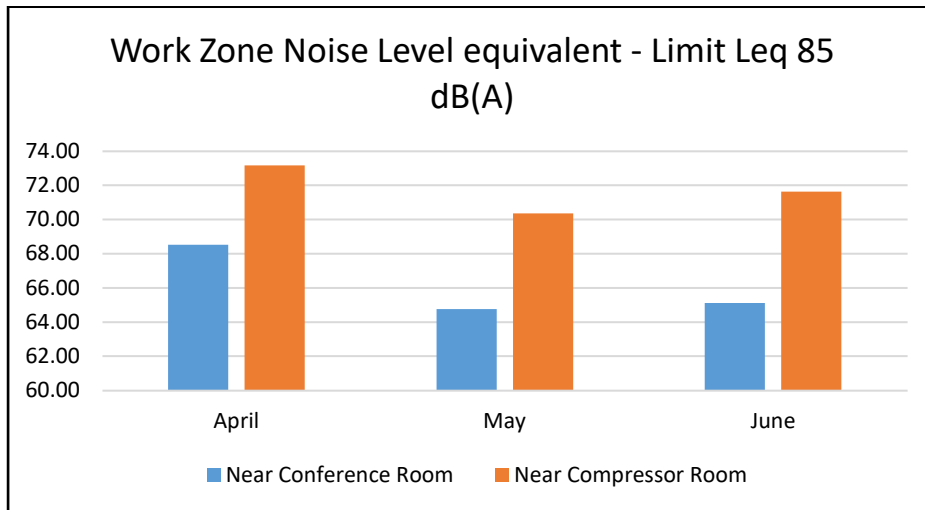


Figure 14: Graphical representation of trend of Work Zone Noise Level in Leq dB(A)

Office of Superintending Engineer 1st Circle PWD Almora. NATIONAL COMPETITIVE BIDDING (E-Tendering) Short Term E-TENDER NOTICE. The Superintending Engineer, 1st Circle, PWD Almora invites tender...

B-1345 OFFICE OF THE ENGINEER-IN-CHIEF (CIVIL), ODISHA. NIRMAL SOUHA, UNIT-V, BHUBANESWAR. INVITATIONS FOR BIDS (IFB)...

CANCELLATION. The bid invited vide RFP Identification No. C.E. (IB)-19/2022-23 is hereby cancelled due to unavoidable circumstances.

O-1968 GOVERNMENT OF ODISHA. OFFICE OF THE CHIEF CONSTRUCTION ENGINEER. RURAL WORKS CIRCLE, ANGUL. No. 576. Dt. 10.03.2023.

vedanta transforming for good. Cairn logo. Vedanta Limited (Division: Cairn Oil & Gas). Office of the Superintending Engineer, 9th Circle Public Work Department Dehradun.

Table with columns: S. No., Name of work, Cost of Tender Form, Earnest Money (Rupee in Lakh), Validity of Tender, Time of Completion, Contractor's Category of Registration. Item 1: Renewal work by SDBC under Annual Maintenance 2023-24...

nixi National Internet Exchange of India. Internet Governance Course Content (Syllabus). India has more than 860 million internet users and having the largest screen time and largest content uses per user per month...

O-1974 GOVERNMENT OF ODISHA. OFFICE OF THE CHIEF CONSTRUCTION ENGINEER. RURAL WORKS CIRCLE, KENDRAPARA - JAJPUR. No. TENDER/NAVABAZAR/ CUTTACK-753004. Tel No. 0671-2444488.

Table with columns: Reference EC letter no., Block Name. Rows include SE/IA/GU/EC/1(b)/1436/2020 dated 23rd December 2020, SE/IA/GU/EC/1(b)/19/2021 dated 22nd June 2021...

बिहार सरकार. कायपालक अभियंता का कार्यालय पथ निर्माण विभाग, पथ प्रमंडल, रोसडा (समस्तीपुर) - निविदा सूचना - नम्बर 44-2/2023. (किल्ल ई-टेंडरिंग पद्धति को अपनाने के अवसर के अवसर)...

Table with columns: S.No., Name of Work, Earnest Money (Rs. in Lacs), Validity of Tender (In days), Cost of Tender Document (In Rs.), Period of Completion (In Month), Contractor Registration. Item 1: Renewal work by SDBC in Km 23.25 to 34 (75m) of Dehradun Mussoorie motor road...

B-1343 OFFICE OF THE ENGINEER-IN-CHIEF (CIVIL), ODISHA. NIRMAL SOUHA, KESHARI NAGAR, UNIT-V, BHUBANESWAR - 751 001. RFP Identification No. CE-WEP (O) - 42 - 2022/23. File No. PIM - Misc- 10/2008 (PI).

O-1971 OFFICE OF THE CHIEF CONSTRUCTION ENGINEER. RURAL WORKS CIRCLE, BARIPADA. Office Order No. 1119/ Dt. 14.03.2023. 5th Corrigendum to National Competitive Bidding e-Procurement Notice No.330/Road work 02.02.2023(NCB-262).

INVITATION FOR QUALIFICATION / PROPOSAL NOTICE INVITING TENDER (NIT). The Chief Engineer, Work Bank Projects, Odisha (the "Authority") on behalf of the Works Department, Government of Odisha invites Proposal (RFP) for the work as below through EPC mode of Contract (Engineering, Procurement and Construction) basis for selection of the bidder to whom the Project may be awarded eventually (Construction of H. L. Bridge over river Kharasota on Nua Bazar - Balitara Ghat road in the District of Kendrapara under State Plan on EPC mode).

Table with columns: S.No., Name of Work, Earnest Money (Rs. in Lacs), Validity of Tender (In days), Cost of Tender Document (In Rs.), Period of Completion (In Month), Contractor Registration. Item 2: Renewal work by SDBC on motor road from Km 16 of Rishikesh Bhanawals road to Aspiti, Thano, Rajgarh, 6 no Pulia Faltbars Chowk...

O-1972 OFFICE OF THE CHIEF CONSTRUCTION ENGINEER. RURAL WORKS CIRCLE, BARIPADA. Office Order No. 1128/ Dt. 15.03.2023. 4th Corrigendum to National Competitive Bidding e-Procurement Notice No.574/Road work Dt.15.02.2023.(N.C.B No-269).

GOVT. OF ODISHA. DEPARTMENT OF WATER RESOURCES. OFFICE OF THE ADDITIONAL CHIEF ENGINEER, DRAINAGE CIRCLE, CUTTACK, GANDARPUR-753003. e-procurement Notice No. ACEDC-CTC-12/2022-23. email id: sdrainagecirclectc@gmail.com

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI. DEPARTMENT OF LAW, JUSTICE & LEGISLATIVE AFFAIRS. 8th LEVEL, C-WING, DELHI SECRETARIAT, I.P. ESTATE, NEW DELHI.

No. F.5(604)/Lit/LJ/LA/21/2731 Dated: 14/03/2023. NOTICE. All the practicing advocates who are enrolled with Bar Council of Delhi and who also are an elector of NCT of Delhi are hereby informed that the process of fresh and mandatory registration under Chief Minister Advocates' Welfare Scheme for availing benefits of Group (Term) Life Insurance provident life cover of Rs. 10,00,000/- (Rupees Ten Lakh) and Group Medi-Claim Insurance coverage for Advocates and his/her spouse and two dependent children up to the age of 25 years...

B-1342 Government of Odisha, e-Procurement Notice INVITATION FOR BIDS (IFB) Letter No. 855 / Dt. 13.3.23. The Chief Construction Engineer, Dhenkanal (R&B) Circle, Dhenkanal on behalf of Governor of Odisha invites Percentage Rate bids in double cover system to be received in LMA/IMC MODE from eligible contractors for construction of Building works as detailed below:

Govt. of Bihar. BUILDING CONSTRUCTION DEPARTMENT. Expression of interest-cum-Request for proposal (R.F.P.). Expression of interest-cum-Request for proposal (R.F.P.) is invited for PROPOSED BUILDING IN THE CAMPUS OF BIHAR INSTITUTE OF PUBLIC ADMINISTRATION AND RURAL DEVELOPMENT (BIPARD), PATNA from firms/consultants of repute, in the field of Architecture and planning. The details of R.F.P. together with eligibility criteria can be had from office of Chief Architect (E-MAIL ID- chiefarchitect.bcd@gmail.com) during office hours or can be downloaded from the notice board at https://state.bihar.gov.in/bcd. A pre-bid meeting will be held on 21-03-2023 at 16.00 hrs in the office of Secretary, Building construction Department, Patna. Duly completed proposal in sealed envelope marked "PROPOSED BUILDING IN THE CAMPUS OF BIHAR INSTITUTE OF PUBLIC ADMINISTRATION AND RURAL DEVELOPMENT (BIPARD), PATNA" should be submitted to Chief architect, Building construction Department, Visheshwariaahabaiw, Bailley Road, Patna-800015 latest by 16.00 hrs on 21-04-2023. Technical bid will be opened on the same date in presence of the representatives of firms at 16.00 hrs.

All interested advocates are required to get themselves mandatorily registered under this scheme, at the website www.cmaws.delhi.gov.in w.e.f. 12:00 A.M. on 16.03.2023 till 11:59 P.M. of 31.03.2023. [It is clarified that all those advocates who were earlier registered and whose insurance policies already in force also need to get themselves registered afresh under the scheme]. Further, in order to avoid double premium payment (only in case of Group Medi-Claim Insurance), all the registered advocates are requested to update enrolment number of his/her spouse (in case where both are advocates). In such cases both have to mention enrolment number of his/her spouse. In case of any duplicity of entries, the Law Department shall be entitled to delete the name of one beneficiary (either husband or wife) of Group Medi-Claim Insurance without any further notice to the concerned advocate (s), at any point of time during the period of Insurance Policy. Please note that mere registration under this scheme does not confer the benefit of this scheme to the advocate unless his/her Enrolment Number and EPIC Number are verified by Bar Council of Delhi and by the Office of The Chief Electoral Officer, GNCT of Delhi respectively. In case of any discrepancy the decision of Department of Law, Justice & LA would be final.

Table with columns: S.No., Name of work, Cost of Tender Form, Earnest Money (Rupee in Lakh), Validity of Tender, Time of Completion, Contractor's Category of Registration. Item 1: Name of work - Building works. No of works - 04 (Four) Nos. Estimated Cost: Rs. 7,12,37,450/- to Rs. 1,29,53,236/- (as given in column No. 03 of table).

