

**SIX MONTHLY ENVIRONMENTAL  
CLEARANCE (EC) COMPLIANCE  
STATEMENT**

**FOR  
PERIOD OF JULY 2020 TO  
DECEMBER 2020**

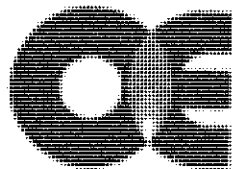
Project Name

**Onshore Development & Production of Oil &  
Gas along with associated facilities in  
Charaideo Block under Charaideo-  
Nahophabi PML in Upper Assam Basin,  
District-Charaideo, Assam**

by

**M/s Oilmax Energy Private Limited**

Submitted By



**OILMAX ENERGY**  
PRIVATE LIMITED

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**SIX MONTHLY ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR PERIOD OF JULY 2020 TO DECEMBER 2020**

**ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR THE PERIOD OF JULY 2020 to DECEMBER 2020**

<b>Name of The Company</b>	:	<b>M/s Oilmax Energy Private Limited</b>
<b>Project Name</b>	:	<b>Onshore Development &amp; Production of Oil &amp; Gas along with associated facilities in Charaideo Block under Charaideo-Nahophabi PML in Upper Assam Basin, District-Charaideo, Assam</b>
<b>Online Proposal No.</b>	:	<b>IA/AS/IND2/71708/2017</b>
<b>Environmental Clearance Letter</b>	:	<b>F.No. J-11011/571/2017-IA II (I), Dated 4<sup>th</sup> November 2019.</b>

**□ Introduction:**

Government of India has awarded 1 block (Charaideo) under Charaideo Nahophabi PML within the Upper Assam Basin situated in Charaideo District of Assam to M/s Oilmax Energy Private Limited and signed a Revenue Sharing Contract (RSC) in DSF round for the same. The project involves development drilling (on shore) of 3 new development Oil and Gas wells in the Block by the project proponent (Oilmax Energy Private Limited) in addition to development of existing three (3) wells already drilled by M/s ONGC Ltd, installation of Early Production System (EPS), laying of pipelines, etc.

**□ Present Status of Project Activities:**

Oilmax Energy Private Limited obtained Environmental Clearance (EC) letter from MoEF&CC, New Delhi on 4<sup>th</sup> November 2019. Land identification and acquisition is under process. Rig mobilization and Drilling of development wells yet to be initiated as on date.



**SIX MONTHLY ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR PERIOD OF JULY 2020 TO DECEMBER 2020**

## EC Compliance status

<b>A. Specific conditions:</b>		
<b>Sl.No.</b>	<b>Compliance Conditions</b>	<b>Compliance Status</b>
i.	No drilling shall be carried out in forest areas.	To be complied as there are no forest area present within the block and all the well locations selected is in non-forest area within the block
ii.	Necessary permission as mandated under the 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 the State Pollution Control Board.	To be complied before initiating drilling work at each selected locations and after acquisition of identified land.
iii.	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.	To be complied during developmental drilling activities at selected locations.
iv.	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 guidelines	To be complied during developmental drilling activities at selected locations.
v.	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.	To be complied during developmental drilling activities at selected locations.
vi.	Ambient air quality shall be	To be complied after commencement of drilling



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**A. Specific conditions:**

Sl.No.	Compliance Conditions	Compliance Status
	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 16th November, 2009 for PM10, PM2.5, SO2, NOx, CO, CH4, HC, Non-methane HC etc.	activities at selected locations. Ambient air quality monitoring report attached as <b>Annexure II</b> based on present scenario within the block area.
vii.	During exploration, production, storage and handling, the fugitive emission of methane, if any, shall be monitored using Infra-red camera/ appropriate technology.	Developmental drilling activity yet to start at any of the selected well locations. To be complied during developmental drilling activities at selected locations.
viii.	The project proponent also to ensure trapping/storing of the CO2 generated, if any, during the process and handling.	To be complied during developmental drilling activities at selected locations.
ix.	Approach road shall be made pucca to minimize generation of suspended dust.	To be complied before initiating developmental drilling works at selected locations.
x.	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.	To be complied during developmental drilling activities at selected locations.
xi.	Total fresh water requirement shall not exceed 20 cum/day/well proposed to be met from tube wells, and prior permission shall be obtained from the concerned regulatory authority/CGWA.	Total fresh water will be required for preparing drilling mud, direct washing of drill cuttings, cooling of engines and for meeting domestic needs of the campsite. The total consumption will be kept within 20 KLD. Also, Mobile ETP coupled with RO shall be installed to reuse the treated water in drilling system during developmental drilling activities at selected locations.
xii.	The company shall construct the garland drain all around the drilling site to prevent runoff of any oil containing waste into	To be complied before drilling activities at selected locations. No surface runoff will be allowed to discharge in



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**A. Specific conditions:**

Sl.No.	Compliance Conditions	Compliance Status
	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 conform to CPCB standards.	any surface water bodies.
xiii.	Drill cuttings separated from drilling fluid shall be adequately washed and disposed in HDPE lined pit. Waste mud shall be tested for hazardous contaminants 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 GSR.546(E) dated 30* August, 2005.	To be complied during developmental drilling activities at selected locations. A HDPE lined pit will be constructed on each drilling site to collect and dispose waste drilling mud.
xiv.	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.	OEPL has oil spill contingency plan for developmental drilling activities. The recyclable waste (Oily waste) to be collected in metal drums kept in secured area and will be disposed through authorized agency.
xv.	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	To be complied during developmental drilling activities at selected locations.



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**A. Specific conditions:**

Sl.No.	Compliance Conditions	Compliance Status
	ground flaring, the overhead flaring stack with knockout drums shall be installed to minimize gaseous emissions during operation.	
xvi.	The company shall develop a contingency plan for H <sub>2</sub> S release including all necessary aspects from evacuation to resumption of normal operations. The workers shall be provided with personal H <sub>2</sub> S detectors in locations of high risk of exposure along with self containing breathing apparatus.	OEPL has contingency plan for H <sub>2</sub> S release and necessary arrangements in accordance with the plan will be made available at each drilling site.
xvii.	The Company shall carry out long term subsidence study by collecting base line data before initiating drilling operation till the project lasts. The data so collected shall be submitted six monthly to the Ministry and Regional Office.	Ambient Air quality monitored at 6 locations out of which 2 upwind direction and 4 downwind directions within the block area. The parameters monitored were PM <sub>10</sub> , PM <sub>2.5</sub> , NO <sub>x</sub> , SO <sub>2</sub> , CO, TVOC, Methane & Non-Methane Hydrocarbon. The results were within permissible limits as per CPCB standards.  Ambient Noise level monitoring has been conducted at 6 locations near proposed wells. Ambient air quality monitoring report attached as <b>Annexure II</b> based on present scenario within the block area. The results were within permissible limits as per CPCB standards.
xviii.	Blow Out 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.	To be installed during developmental drilling activities at selected locations.
xix.	Emergency Response Plan shall be based on the guidelines prepared by OISD, DGMS and Govt. of India.	OEPL has emergency preparedness plan for developmental drilling activities and will be complied during drilling activities at selected locations.



**SIX MONTHLY ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR PERIOD OF JULY 2020 TO DECEMBER 2020**

**A. Specific conditions:**

Sl.No.	Compliance Conditions	Compliance Status
xx.	The company shall take measures after completion of drilling process by well plugging and secured enclosures, and the drilling site shall be restored the area in original condition. In case of hydrocarbon not found economically viable, a full abandonment plan shall be implemented for the drilling site in accordance with the applicable Indian Petroleum Regulations.	In case of no economic quantity of hydrocarbon is found, well will be abandoned and well closure plan will be implemented and site will be restored to the original condition as far as possible.
xxi.	All the commitments made to the public during public hearing/consultation shall be satisfactorily implemented and the company shall ensure that there is no damage to the historical monument in the project area due to the project activities.	To be complied
xxii.	At least 2% 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.	To be complied during developmental drilling activities at selected locations.
xxiii.	No lead acid batteries shall be utilized in the project/site.	To be complied during developmental drilling activities at selected locations.
xxiv.	Occupational health surveillance of the workers shall be carried out as per the prevailing Acts and Rules.	To be complied during developmental drilling activities at selected locations.
xxv.	Restoration of the project site shall be carried out satisfactorily and report shall be sent to the Ministry's Regional	In case of no economic quantity of hydrocarbon is found, well will be abandoned and well closure plan will be implemented and site will be restored to the original condition as far as possible and restoration report shall be



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**A. Specific conditions:**

Sl.No.	Compliance Conditions	Compliance Status
	Office.	submitted to the Ministry's Regional Office.
xxvi.	Oil content in the drill cuttings shall be monitored by some Authorized agency and report shall be sent to the Ministry's Regional Office.	To be complied during developmental drilling activities at selected locations.
xxvii.	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.	To be complied during developmental drilling activities at selected locations and report shall be submitted to the Ministry's Regional Office.
xxviii.	Company shall have own Environment Management Cell having persons with Post Graduate degree in Environmental Science/Environmental Engineering.	OEPL will create Environmental Management Cell (EMC) both at project site and corporate office.
xxix.	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 site should be done.	To be complied during developmental drilling activities at selected locations.
xxx.	On completion of drilling, the company has to plug the drilled wells safely and obtain certificate from environment safety angle from the concerned authority.	In case of no economic quantity of hydrocarbon is found, well will be abandoned and well closure plan will be implemented and site will be restored to the original condition as far as possible.





**SIX MONTHLY ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR PERIOD OF JULY 2020 TO DECEMBER 2020**

**B. General conditions:**

Sl.No.	Compliance Conditions	Compliance Status
i.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and/or any other statutory authority.	To be followed
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest & Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	To be followed
iii.	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	To be complied after commencement of drilling activities at selected locations. Ambient air quality monitoring report attached as <b>Annexure II</b> based on present scenario within the block area.  Ambient Air quality monitored at 6 locations out of which 2 upwind direction and 4 downwind directions within the block area. The results were within permissible limits as per CPCB standards.
iv.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16 <sup>th</sup> November, 2009 shall be complied with.	To be complied after commencement of drilling activities at selected locations. Ambient air quality monitoring report attached as <b>Annexure II</b> based on present scenario within the block area.
v.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control	To be complied during developmental drilling activities at selected locations.



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**A. Specific conditions:**

Sl.No.	Compliance Conditions	Compliance Status
	measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 and the rules made thereunder.	
vi.	The company shall harvest rainwater from the rooftops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.	To be complied during developmental drilling activities at selected locations.
vii.	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	To be complied during developmental drilling activities at selected locations.
viii.	The company shall comply with all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	To be complied during developmental drilling activities at selected locations.
ix.	The company shall undertake all measures for improving socio-economic conditions of the surrounding area. CER activities shall be undertaken by Involving local villagers,	To be complied during developmental drilling activities at selected locations.



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**A. Specific conditions:**

Sl.No.	Compliance Conditions	Compliance Status
	administration and other stakeholders. Also eco-developmental measures shall be undertaken for overall improvement of the environment.	
x.	A separate Environmental Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environment Management and Monitoring functions.	OEPL will create Environmental Management Cell (EMC) both at project site and corporate office.
xi.	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest & Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The fund so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.	To be complied during developmental drilling activities at selected locations.
xii.	A copy of the environmental clearance 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.	Complied.
xiii.	The project proponent shall also	Complied



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**A. Specific conditions:**

Sl.No.	Compliance Conditions	Compliance Status
	submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal office of the CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status reports shall be posted on the website of the company.	
xiv.	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company alongwith the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by email.	To be complied.
xv.	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the	Complied. News paper advertisement attached as <b>Annexure III.</b>



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**A. Specific conditions:**

Sl.No.	Compliance Conditions	Compliance Status
	<p>clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <a href="http://moef.nic.in">http://moef.nic.in</a>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional office of the Ministry.</p>	

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# **ANNEXURE-I ENVIRONMENTAL CLEARANCE LETTER**

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**By Speed Post / Online**



**F.No. IA-J-11011/571/2017- IA II(I)  
Government of India  
Ministry of Environment, Forest and Climate Change  
(IA-II Section)**

Indira Paryavaran Bhawan  
Vayu Wing, 3<sup>rd</sup> Floor, Aliganj,  
Jor Bagh Road, New Delhi-110 003

Dated: 4<sup>th</sup> November, 2019

To


**M/s Oilmax Energy Private Limited**  
3-A, Omkar Esquare  
Chunnabhatti Signal, Eastern Express Highway  
Sion (East), Mumbai – 400 022  
Email: [oilmaxenergy.ec@gmail.com](mailto:oilmaxenergy.ec@gmail.com)

**Sub: Onshore development and production of oil & gas along with associated facilities in Charaideo Block under Charaideo Nahophabi PML in Upper Assam Basin, District Charaideo (Assam) by M/s Oilmax Energy Private Limited - Environmental Clearance - reg.**

Sir,

This has reference to your proposal No. IA/AS/IND2/71708/2017 dated 14<sup>th</sup> May 2019, submitting the EIA/EMP report on the above subject matter.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the project for onshore development and production of oil & gas along with associated facilities by M/s Oilmax Energy Private Limited in an area of 11.48 sq km of Charaideo Block under Charaideo Nahophabi PML in Upper Assam Basin in District Charaideo (Assam).
3. The project involves development of three wells already drilled by M/s ONGC Ltd followed by production of oil & gas from the Block, installation of Early Production System (EPS), laying of pipelines, etc. Mines and Minerals Department of the State Government of Assam has, vide letter dated 26<sup>th</sup> July, 2017, transferred Petroleum Mining Lease (PML) for an area of 11.48 sq km from M/s ONGC Ltd to the project proponent with the same validity period i.e. up to 29<sup>th</sup> January, 2021.
4. The block area available for the project is 11.48 sq km. The estimated project cost is Rs.35.7 crores. Total capital cost earmarked towards environmental pollution control measures is Rs.3.20 crores and the recurring cost (O&M) will be about Rs. 2.8 crores per annum. The project will provide employment for 10 persons directly & 90 persons indirectly.
5. There are no National parks, Wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance from the block area. Disang river flows through the block area.

  
EC to M/s Oilmax Energy Private Limited

6. Total fresh water requirement is estimated to be 20 cum/day, proposed to be met from bore well. Effluent of 4 cum/day will be treated through mobile ETP system. There will be no discharge of treated/untreated waste water from the unit, and thus ensuring Zero Liquid Discharge.

Power requirement for operation will be 1500 KVA proposed to meet from captive sources. DG sets (4 X 1250 KVA) shall be used as standby during drilling activities.

There is no process emissions generation due to the proposed activities. Drill cutting will be separated from water based mud (WBM) and unusable drilling fluid will be stored in HDPE lined pit for solar drying for temporary storage. The cuttings/mud residues so stored will then be treated and disposed in accordance with CPCB regulations specified for onshore oil & gas industry.

7. The project/activity is covered under category A of item 1(b) 'Offshore and onshore oil and gas exploration, development & production' of schedule to the Environment Impact Assessment (EIA) Notification, 2006, and requires appraisal at central level by sectoral Expert Appraisal Committee (EAC) in the Ministry.

8. Standard terms of reference (ToR) for the project was issued on 28<sup>th</sup> January 2018. Public Hearing for the proposed project has been conducted by the Assam State Pollution Control Board on 3<sup>rd</sup> March, 2019.

9. The proposal was considered by the Expert Appraisal Committee (Industry-2) in its meeting held on 26-28 June, 2019 in the Ministry, wherein the project proponent and their accredited consultant M/s ABC Technolabs India Pvt Ltd presented the EIA/EMP report as per the ToR. The Committee found the EIA/EMP report complying with the ToR and recommended the project for grant of environmental clearance.

10. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate change hereby accords environmental clearance to the project for **Onshore development and production of oil & gas along with associated facilities by M/s Oilmax Energy Private Limited in Charaideo Block under Charaideo Nahophabi PML in Upper Assam Basin, District Charaideo (Assam)**, under the provisions of the EIA Notification, 2006, subject to the compliance of terms and conditions as under:-

- (i) No drilling shall be carried out in Forest areas.
- (ii) Necessary permission as mandated under the 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 the State Pollution Control Board.
- (iii) 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.
- (iv) 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 guidelines.
- (v) 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.

- (vi) 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<sup>th</sup> November, 2009 for PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub>, CO, CH<sub>4</sub>, HC, Non-methane HC etc.
- (vii) During exploration, production, storage and handling, the fugitive emission of methane, if any, shall be monitored using Infra-red camera/ appropriate technology.
- (viii) The project proponent also to ensure trapping/storing of the CO<sub>2</sub> generated, if any, during the process and handling.
- (ix) Approach road shall be made pucca to minimize generation of suspended dust.
- (x) 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.
- (xi) Total fresh water requirement shall not exceed 20 cum/day/well proposed to be met from tube wells, and prior permission shall be obtained from the concerned regulatory authority/CGWA.
- (xii) 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 wastewater shall conform to CPCB standards.
- (xiii) Drill cuttings separated from drilling fluid shall be adequately washed and disposed in HDPE lined pit. Waste mud shall be tested for hazardous contaminants 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 GSR.546(E) dated 30<sup>th</sup> August, 2005.
- (xiv) 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.
- (xv) 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.
- (xvi) The company shall develop a contingency plan for H<sub>2</sub>S release including all necessary aspects from evacuation to resumption of normal operations. The workers shall be provided with personal H<sub>2</sub>S detectors in locations of high risk of exposure along with self containing breathing apparatus.

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- (xvii) The Company shall carry out long term subsidence study by collecting base line data before initiating drilling operation till the project lasts. The data so collected shall be submitted six monthly to the Ministry and Regional Office.
- (xviii) Blow Out 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.
- (xix) Emergency Response Plan shall be based on the guidelines prepared by OISD, DGMS and Govt. of India.
- (xx) The company shall take measures after completion of drilling process by well plugging and secured enclosures, and the drilling site shall be restored the area in original condition. In case of hydrocarbon not found economically viable, a full abandonment plan shall be implemented for the drilling site in accordance with the applicable Indian Petroleum Regulations.
- (xxi) All the commitments made to the public during public hearing/consultation shall be satisfactorily implemented and the company shall ensure that there is no damage to the historical monument in the project area due to the project activities.
- (xxii) At least 2% 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.
- (xxiii) No lead acid batteries shall be utilized in the project/site.
- (xxiv) Occupational health surveillance of the workers shall be carried out as per the prevailing Acts and Rules.
- (xxv) Restoration of the project site shall be carried out satisfactorily and report shall be sent to the Ministry's Regional Office.
- (xxvi) Oil content in the drill cuttings shall be monitored by some Authorized agency and report shall be sent to the Ministry's Regional Office.
- (xxvii) 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.
- (xxviii) Company shall have own Environment Management Cell having persons with Post Graduate degree in Environmental Science/Environmental Engineering.
- (xxix) 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 site should be done.
- (xxx) On completion of drilling, the company has to plug the drilled wells safely and obtain certificate from environment safety angle from the concerned authority.



**10.1** The grant of environmental clearance is further subject to compliance of other generic conditions as under:-

- (i) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and/ or any other statutory authority.
- (ii) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- (iii) The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- (iv) The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16<sup>th</sup> November, 2009 shall be complied with.
- (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 the Environment (Protection) Act, 1986 and the Rules made thereunder.
- (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.
- (vii) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- (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.
- (ix) The company shall undertake all measures for improving socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villagers, administration and other stake holders. Also eco-developmental measures shall be undertaken for overall improvement of the environment.
- (x) A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- (xi) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along

with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.

- (xii) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
- (xiii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- (xiv) The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional offices of MoEF&CC by e-mail.
- (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.

11. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

12. The above conditions will be enforced, *inter alia* under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

  
(Dr. B. B. Lal)  
Scientist E

**Copy to: -**

1. The Deputy DGF (C), MoEF&CC Regional Office (NEZ), Law-U-Sib, Lumbatngen, Near MTC Workshop, Shillong
2. The Secretary, Department of Environment and Forest, Government of Assam, H-Block, 2<sup>nd</sup> Floor, Janata Bhawan, Disupr, Guwahati (Assam) - 6



3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32
4. The Member Secretary, Pollution Control Board Assam, Bamunimaidam, Guwahati - 21
5. The Member Secretary, Central Ground Water Authority, 18/11, Jamnagar House, Mansingh Road, New Delhi – 11
6. The District Collector, District Charaideo (Assam)
7. Guard File/Monitoring File/Website/Record File

  
**(Dr. R. B. Lal)**  
**Scientist E**





**SIX MONTHLY ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE  
STATEMENT FOR PERIOD OF JULY 2020 TO DECEMBER 2020**

**ANNEXURE-II  
MONITORING REPORTS OF AMBIENT AIR  
QUALITY, AMBIENT NOISE**

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**SIX MONTHLY ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE  
STATEMENT FOR PERIOD OF JULY 2020 TO DECEMBER 2020**

**ANNEXURE-III  
NEWS PAPER ADVERTISEMENT OF  
ENVIRONMENTAL CLEARANCE**

*SA*



WEATHER NORTHEAST

Forecast for the North East... Maximum (C) Minimum (C) Assam 28.0 16.0...

NPP expels KHADC chairman for anti-party activities

STAFF CORRESPONDENT SHILLONG, Nov 26: The National People's Party (NPP) has expelled its chairman KHADC for anti-party activities...

2 Sikkim girls selected for India Under-17 football team camp

GUANTOR, Nov 25: Two girls from Sikkim - Srishti Subramanian and Ananya...

Heroin seized in Mizoram, 6 held

AIZAWL, Nov 25: Officers of the Mizoram Excise and Narcotics department have seized over 700 grams of heroin...

ASSAM ELECTRICITY GRID CORPORATION LTD

ASSAM ELECTRICITY GRID CORPORATION LTD... SHORT TENDER NOTICE...

Mizoram govt warns agitating teachers of disciplinary action

AIZAWL, Nov 25: Mizoram School Education Minister Lalshandana Raha on Monday warned agitating teachers...



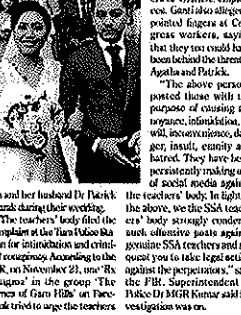
Members from the Noco community dressed in their traditional attire during an oral test on the occasion of the harvest festival of Chak Lok at Doodhai in Trip district of Assam Pradesh on Monday - UB Photo

Zomi community demands separate territorial council

IMPHAL, Nov 25: A people's rally was taken up on Monday to demand a separate territorial council for the Zomi community...

FIR filed over social media posts targeting Agatha Sangma

TURA, Nov 25: The All Gauhati SSA School Teachers' Association on Monday filed an FIR against two social media users...



Agatha Sangma

The accused were arrested on Sunday. The department's spokesperson Peter Zakhinghanga...

On November 22, one Kirangirang Tanga in the 'Information Today' page on Facebook allegedly used that the people behind the SSA...

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Tripura CM seeks Central funds to rehabilitate 35,000 Reang refugees from Mizoram

AGARTALA, Nov 25: Tripura Chief Minister Debbari Debbari has sought Central funds to rehabilitate 35,000 Reang refugees from Mizoram...

ASSAM ELECTRICITY GRID CORPORATION LIMITED

ASSAM ELECTRICITY GRID CORPORATION LIMITED... NOTICE INVITING TENDERS...

ASSAM GAS COMPANY LTD

ASSAM GAS COMPANY LTD... NOTICE INVITING TENDERS...

ASSAM ELECTRICITY GRID CORPORATION LIMITED

ASSAM ELECTRICITY GRID CORPORATION LIMITED... NOTICE INVITING TENDERS...

ASSAM ELECTRICITY GRID CORPORATION LIMITED

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ASSAM ELECTRICITY GRID CORPORATION LIMITED

ASSAM ELECTRICITY GRID CORPORATION LIMITED... NOTICE INVITING TENDERS...



আজিৰ টুইট

আজিৰ টুইটত পঢ়াৰ সৈতে জড়িত হওক... নিজৰ ভাৱৰে ভাৱত সন্নিৱেশ কৰক



আজিৰ টুইট, শিৱসাগৰ জিলা

পৃথক ৰাজ্যৰ দাবীত উত্তাল কোকৰাঝাৰ

এন এছ চি এনৰ বিনামূলীয়া গাড়ী সমাবেশ

গুৱাহাটীৰ পৰা ২৬ নৱেম্বৰ ২০১৯ৰ পৰা কোকৰাঝাৰলৈ ২৬ নৱেম্বৰ ২০১৯ৰ পৰা... এন এছ চি এনৰ বিনামূলীয়া গাড়ী সমাবেশ



এক প্ৰজেক্টত

নতুন দিল্লীত 'কেব'ৰ বিৰুদ্ধে সমৰ্থন আদায়ৰ অভিযান আৰম্ভ নোহ'ব

নতুন দিল্লী, ২৬ নৱেম্বৰ ২০১৯: অসম চৰকাৰে 'কেব'ৰ বিৰুদ্ধে সমৰ্থন আদায়ৰ অভিযান আৰম্ভ নোহ'ব

গ'ৰু'ৰ প্ৰথমখন প'ষ্টাৰ মুকলি

গ'ৰু'ৰ প্ৰথমখন প'ষ্টাৰ মুকলি... গ'ৰু'ৰ প্ৰথমখন প'ষ্টাৰ মুকলি

পাত্ৰিত কয়লা পৰিবাহী ট্ৰাক-যাত্ৰীবাহী মেজিকৰ মুখামুখি সংঘৰ্ষ

পাত্ৰিত কয়লা পৰিবাহী ট্ৰাক-যাত্ৰীবাহী মেজিকৰ মুখামুখি সংঘৰ্ষ... পাত্ৰিত কয়লা পৰিবাহী ট্ৰাক-যাত্ৰীবাহী মেজিকৰ মুখামুখি সংঘৰ্ষ

শ্ৰীমন্তী সিতী ৬৬ বছৰে হাঁহৰ পৰা পৰিষ্কাৰ কৰি... শ্ৰীমন্তী সিতী ৬৬ বছৰে হাঁহৰ পৰা পৰিষ্কাৰ কৰি

খেতি

পশুপালকৰ হুমুসি কৰি ল'বলৈ বোম্বাইত পৰিষ্কাৰ কৰি... পশুপালকৰ হুমুসি কৰি ল'বলৈ বোম্বাইত পৰিষ্কাৰ কৰি

এন এছ চি এনৰ শিবিৰত ম্যানমাৰ সেনাৰ আক্ৰমণ!

এন এছ চি এনৰ শিবিৰত ম্যানমাৰ সেনাৰ আক্ৰমণ!... এন এছ চি এনৰ শিবিৰত ম্যানমাৰ সেনাৰ আক্ৰমণ!

ডিব্ৰুগড়ত পুনৰ বনৰীয়া হাজীৰ মজুত

ডিব্ৰুগড়ত পুনৰ বনৰীয়া হাজীৰ মজুত... ডিব্ৰুগড়ত পুনৰ বনৰীয়া হাজীৰ মজুত

লামডিঙত জুৱাৰ শ্ৰীমন্তী বেল বিভাগৰ উচ্ছেদ অভিযান

লামডিঙত জুৱাৰ শ্ৰীমন্তী বেল বিভাগৰ উচ্ছেদ অভিযান... লামডিঙত জুৱাৰ শ্ৰীমন্তী বেল বিভাগৰ উচ্ছেদ অভিযান

বাণী-পলাশবাৰীত হাতী-মানুহৰ সংঘাত

বাণী-পলাশবাৰীত হাতী-মানুহৰ সংঘাত... বাণী-পলাশবাৰীত হাতী-মানুহৰ সংঘাত

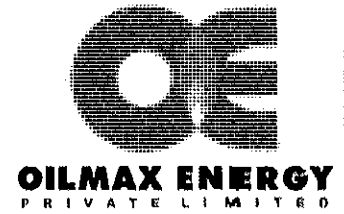
জ্যোতিকেন্দ্রৰ শিক্ষাকৰ্মীৰ চাকৰি নিয়মীয়া কৰাৰ দাবী

জ্যোতিকেন্দ্রৰ শিক্ষাকৰ্মীৰ চাকৰি নিয়মীয়া কৰাৰ দাবী... জ্যোতিকেন্দ্রৰ শিক্ষাকৰ্মীৰ চাকৰি নিয়মীয়া কৰাৰ দাবী

এন এছ এছৰ আদৰ্শ শিক্ষাৰ্থীৰ সামাজিক দায়বদ্ধতা বঢ়াব ও সোণোৱাল

এন এছ এছৰ আদৰ্শ শিক্ষাৰ্থীৰ সামাজিক দায়বদ্ধতা বঢ়াব ও সোণোৱাল... বিহাৰ বিদ্যালয়ৰ পাঠ্যক্রমত অন্তৰ্ভুক্ত কৰাৰ পোষকতা

বিহাৰ বিদ্যালয়ৰ পাঠ্যক্রমত অন্তৰ্ভুক্ত কৰাৰ পোষকতা... বিহাৰ বিদ্যালয়ৰ পাঠ্যক্রমত অন্তৰ্ভুক্ত কৰাৰ পোষকতা



Date – 2<sup>nd</sup> December, 2019

To,

Deputy DGF ( C )

Ministry of Environment Forest & Climate Change (MoEF&CC) Regional Office (NEZ)

Law – U – Sib

Lumbatngen

Near MTC Workshop

Sawlad,

Madanrting

Shillong

Meghalaya – 793021

Sub: Advertisements intimating the receipt of Environmental Clearance ("EC") for Block AA/ONDSF/CHARAIDEO/2016 ("Block")

Dear Sir,

Oilmax Energy Private Limited ("Oilmax") is the operator of the aforesaid Contract Area. The said Contract Area was awarded to us in the DSF Round - I of bidding.

We wish to inform you that Oilmax has received the EC dated 4<sup>th</sup> November, 2019 for the Block on 18<sup>th</sup> November, 2019. Further as prescribed in the EC, Oilmax has advertised the receipt of the EC in two local language newspapers namely – The Assam Tribune (English Language) and Dainik Assam (Assamese language) on 26<sup>th</sup> November, 2019. A copy of the extract of the advertisements placed is attached herewith as "Annexure 1". A copy of the EC is attached as "Annexure 2".

Further we wish to assure you that Oilmax being a prudent operator will continue to adhere to all the conditions prescribed in the EC.

Thanking You

For Oilmax Energy Private Limited

A handwritten signature in black ink, appearing to read 'Dr. Kamath', is written over a horizontal line.

Dr. Vidyadhar Kamath

Head – Reservoir Engineering

Encl – As above

A handwritten signature in black ink, appearing to read 'Dr. Kamath', is written at the bottom left of the page.



**SIX MONTHLY ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE  
STATEMENT FOR PERIOD OF JULY 2020 TO DECEMBER 2020**

**ANNEXURE-IV  
NABL CERTIFICATE OF ABC TECHNO LABS  
INDIA PVT. LTD.**

*8*



# Quality Council of India



## National Accreditation Board for Education & Training

### CERTIFICATE OF ACCREDITATION

**ABC Techno Labs India Private Limited, Chennai**

**"ABC Tower", 400, 10th Street, SIPCOT Industrial Estate North Phase, Ambattur, Chennai 600038**

Accredited as Category - A organization under the QCI-NABET Scheme for Accreditation of EIA Consultant Organizations (Version 3) for preparing EIA-EMP reports in the following Sectors:

Sl. No.	Sector Description	Sector (as per)		Cat.
		NABET	MAEFCC	
1	Mining of minerals including open cast/underground mining	1	1 (a) (i)	A
2	Offshore and onshore oil and gas exploration, development & production	2	1 (a) (ii)	A
3	River valley projects	3	1 (a) (iii)	A
4	Thermal power plants	4	1 (a) (iv)	A
5	Mineral beneficiation including concentration	5	1 (a) (v)	B
6	Manufacturing industries (chemical & non-chemical)	6	1 (a) (vi)	B
7	Concrete plants	7	1 (a) (vii)	A
8	Textile, spinning industry	10	1 (a) (viii)	A
9	Automotive rolling and automotive based products	12	1 (a) (ix)	A
10	Leather/leather goods processing industry 4	25	4 (b)	A
11	Chemical Fertilizers	15	5 (a)	A
12	Petro-chemical complexes	16	5 (a)	A
13	Pharmaceutical based processing	20	5 (a)	A
14	Synthetic organic chemicals industry	21	5 (b)	A
15	Distilleries	22	5 (a)	A
16	Pulp & paper industry excluding manufacturing of paper from wastepaper and manufacture of paper from waste paper without recycling	24	5 (b)	A
17	Sugar industry	25	5 (b)	B
18	Oil & gas transportation pipeline, passing through national parks, sanctuaries, coral reefs / ecologically sensitive areas including IUCN territories	27	5 (a)	A
19	Industrial storage & parking of hazardous materials	28		B
20	Airports	29	7 (a)	A
21	Industrial estates/ parks/ complexes/ Areas, export processing zones (EPZs), Special Economic zones (SEZs), Free trade parks, Leather complexes	31	7 (a)	A
22	Corrosion hazardous waste treatment, storage and disposal facilities (TSDFs)	32	7 (a)	A
23	Ports, harbours, breakwaters and dredging	33	7 (a)	B
24	Highways	34	7 (b)	A
25	Effluent Treatment Plants (ETPs)	35	7 (b)	B
26	Common Municipal Solid Waste Management Facility (CMF/MWF)	37	7 (b)	B
27	Building and construction projects	38	8 (a)	B
28	Transmission and line development projects	39	8 (a)	B

Note: Master list of approved EIA Consultants and Functional Area Experts are mentioned in BAC minutes dated Jan 17, 2020 posted on QCI-NABET website.

The Accreditation shall remain in force subject to continued compliance to the terms and conditions mentioned in QCI-NABET's letter of accreditation bearing no. QCI/NABET/ENW/MCO/20/1257 dated March 02, 2020. The accreditation needs to be renewed before the expiry date by ABC Techno Labs India Private Limited, Chennai following due process of assessment.

Sr. Director, NABET

Certificate No.

Valid till

Dated: March 02, 2020

NABET/ EIA/1921/ RA 0155

May 24, 2022

For the updated list of Accredited EIA Consultant Organizations with approved Sectors please refer to QCI-NABET website.

80



National Accreditation Board for  
Testing and Calibration Laboratories

**CERTIFICATE OF ACCREDITATION**

**ABC TECHNO LABS INDIA PRIVATE LIMITED**

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2017**

**"General Requirements for the Competence of Testing &  
Calibration Laboratories"**

for its facilities at

ABC TOWER, NO:400,13TH STREET, SIDCO INDUSTRIAL ESTATE-NORTH PHASE, AMBATTUR,  
CHENNAI, THIRUVALLUR, TAMIL NADU, INDIA

in the field of

**TESTING**

Certificate Number: TC-5770

Issue Date: 03/04/2020

Valid Until: 02/04/2022

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.  
(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Signed for and on behalf of NABL



N. Venkateswaran  
Chief Executive Officer

SL