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





ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR THE PERIOD OF DECEMBER 2019 to March 2020

Name of The Company	i	M/s Oilmax Energy Private Limited
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
Online Proposal No.	:	IA/AS/IND2/71708/2017
Environmental Clearance Letter	:	F.No. J-11011/571/2017-IA II (I), Dated 4 th November 2019.

☐ 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 4th November 2019. Land identification and acquisition is under process. Rig mobilization and Drilling of development wells yet to be initiated as on date.





EC Compliance status

A. Sp	A. Specific conditions:				
Sl.No.	Compliance Conditions	Compliance Status			
ì.	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.			
	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			





A. Sp	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 16thNovember, 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 Annexure II based on present scenario within the block area.			
vii.	During exploration, production, storage and handling, the	Developmental drilling activity yet to start at any of the selected well locations.			
	fugitive emission of methane, if any, shall he monitored using Infra-red camera/ appropriate technology.	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 he met from tube wells, and prior permission shall be obtained from the concerned regulatory	cooling of engines and for meeting domestic needs of the campsite. The total consumption will be kept within 20 KLD.			
	authority/CGWA.	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	selected locations.			
	drilling site to prevent runoff of any oil containing waste into				





A. Sp	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.			
	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.			





A. Sp	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 H2S release including all necessary aspects from evacuation to resumption of normal operations. The workers shall be provided with personal H2S detectors in locations of high risk of exposure along with self containing breathing apparatus.	OEPL has contingency plan for H2S 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 PM10, PM2.5, NOx, SO2, 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 Annexure II 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.				
xix.	Emergency Response Plan shall be based on the guidelines prepared by OISD, DGMS and Govt. of India.				





A. Sp	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 itemwise 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		





SI.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.	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.	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.			
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.	is found, well will be abandoned and well closur plan will be implemented and site will be restored to the original condition as far a		





B. Ge	neral 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 neasures required, if any.	To be followed
iti.	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 stations 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 Annexure II 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 16th November, 2009 shall be complied with.	To be complied after commencement of drilling activities at selected locations. Ambient air quality monitoring report attached as Annexure II based on present scenario within the hlock 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.





w. She	ecific 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) Acta, 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.	
vii	i. The company shall comply with all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations forall employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	activities at selected locations.
ix	The company shall undertake all measures for improving socio-economic conditions of the surrounding area. CEF activities shall be undertaken by Involving local villagers	g activities at selected locations. f





A. Sp	ecific conditions:	
Sl.No.	Compliance Conditions	Compliance Status
	administration and other stake- holders. 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





A. Spo	ecific conditions:				
Sl.No.	Compliance Conditions	Compliance Status			
	submit six monthly reports on the status of compliance of the stipulated Environmental Claerance conditions including results of monitored data (both in hard copies as well as by email) 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 31st 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	News paper Annexure III.	advertisement	attached	as





A. Sp	ecific conditions:				
Sl.No.	Compliance Conditions	Compliance Status			
	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.				

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ANNEXURE-I ENVIRONMENTAL CLEARANCE LETTER





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, 3rd Floor, Aliganj, Jor Bagh Road, New Delhi-110 003

Dated: 4th November, 2019

Τo

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

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 14th 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 26th 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 29th 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

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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 28thJanuary 2018. Public Hearing for the proposed project has been conducted by the Assam State Pollution Control Board on 3rd 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.

EC to M/s Oilmax Energy Private Limited

- (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

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- 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 16th November, 2009 for PM₁₀, PM_{2.5}, SO₂, NO_X, CO, CH₄, 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 CO₂ 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 30th 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 H₂S release including all necessary aspects from evacuation to resumption of normal operations. The workers shall be provided with personal H₂S detectors in locations of high risk of exposure along with self containing breathing apparatus.



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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.

EC to M/s Oilmax Energy Private Limited

- **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 stations 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 16th 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 31st 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, 2nd Floor, Janata Bhawan, Disupr, Guwahati (Assam) 6

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- 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. Lai) Scientist E

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



M/s Oilmax Energy Private Limited.

Eastern Express Highway, Sion (E)

Mumbai - 4000022

3-A, Omkar Esquare, Off Chunnabhatti Signal,



ABC Techno Labs

India Private Limited

Corporate Office & Lab : ABC TOWER #460, 13th Street, SIDCO Industrial Estate - North Phase, Ambattur, Chennai - 600 698. Ph : +91-44-2625 7788, 2625 7799





lab@abetechnolab.com

Helpline: *91 94442 60000, 95661 87777 www.abctechnolab.com

(An ISO: 9001, ISO: 14001, ISO: 22000 & ISO: 45001 Certified Company)

ACCRECTED BY NABL. (BOYSEC 17625): 2015, COLAUTY COCKET, CETING,A PROCENCED BY MAISTRY OF ENVIRONMENT, FOREST & C., MATE CHANGE (MAET CC), GOVERNMENT OF REA .

TEST REPORT

Report number	:	ABCTLN/2020/03/2205-2210	
Sample drawn by	:	ABC Techno Labs India Private Limited	
Sample description	:	Ambient Air Quality Monitoring	
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.	ès
Date of sampling	:	07-03-2020 to 11-03-2020	
Date of Receipt	:	16-03-2020	**********
Date of analysis	:	16-03-2020	*********
Date of completion		19-03-2020	AMERICAN AND AND AND AND AND AND AND AND AND A
Report date	,	15-07-2020 Page 1 of 2	

Sì.	Date of	Location/	Parameters					
No.	Sampling	Source	PM _{to} (µg/m³)	PM ₂₃ (µg/m³)	NOs (µg/m³)	SO ₂ (μμ/m ⁻¹)		
1	07-03-2020	Bhokot Gaon	42.0	20.5	12.2	6,5		
2	07-03-2020	Chakial Gaon	45.6	22.5	13.8	6.6		
3	08-03-2020	Hulal	40.1	20.3	10.4	6.2		
4	09-03-2020	Gochai Kolakhat	48.5	25.2	13.6	6.8		
5	10-03-2020	Tenga Pukuri	42.6	19.2	12.3	6.3		
6	11-03-2020	Mathurapur	49.5	26.3	15.1	7.2		
	Test Method		IS 5182 : Part23 : 2006 (RA:2017)	40 CFR "Appendix L (Part 50):2006	IS 5182 : Part 2 : 2001(RA: 2017)	IS 5182 :Part 6: 2006(RA: 2017)		

SI. Date of	Location/	Parameters					
No.	Sampling	Source	CO (mg/m³) TVO(TVOC (µg/m³)	CH4 (µg/m³)	Non CH ₄ (µg/m³) BDL (<1.0)	
1	12-09-2020	Bhokot Gaon	0.1	BDL (<1.0)	BDL (<1.0)		
2	12-09-2020	Chakial Gaon	0.1	BDL (<1.0)	BDL (<1.0)	BDL (<1.0)	
3	13-09-2020	Hulal	BDL(<0.1)	BDL (<1.0)	BDL (<1.0)	BDL (<1.0)	
4	13-09-2020	Gochai Kolakhat	0.2	BDL (<1.0)	BDL (<1.0)	BDL (<1.0)	
5	14-09-2020	Tenga Pukuri	0.1	BDL (<1.0)	BDL (<1.0)	BDL (<1.0)	
6	14-09-2020	Mathurapur	0.3	BDL (<1.0)	BDL (<1.0)	BDL (<1.0)	
Test Method		IS 5182 : Part 10 :	ABCTL/SOP/A1	ABCTL/INS/S	ABCTL/INS/S		
		1999 (RA 2014)	3	OP/038	OP/038		

Remarks- All parameters are within permissible limits



A. Robson Chinnadurai

Technical Manager

Terms and conditions:

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TEST REPORT

Page 2 of 2

	National Ambien	t Air Quality Standards		de 114 manual despuis anna de mandres que que en que en el Pent III ;	
			Time	Concentration in Ambient Air	
SLNo	Pollutant	Method	Weighted Average	lndustrial, Residential, Rural & Other area	
5 00	Sulphur dioxide (SO2) (µg/m³)	IS 5182 P-2	24 hours	80	
2	Nitrogen dioxide (NOX) (µg/m³)	IS 5182 P-6	24 hours	30	
3	Particulate Matter (PM10) (µg/m³)	IS 5182 P-23	24 hours	100	
4	Particulate Matter (PM2.5) (μg/m³)	EPA-40 Appendix L to Part 50	24 hours	60	
5	Carbon monoxide (CO) (mg/m³)	IS 5182 P-10	8 hours	2	
6	VOCs (μg/m³)	ABCTL/INS/SOP/035	24 hours	ds, pr	
7	Methane HC (µg/m³)	ABCTL/INS/SOP/038	24 hours		
8	Non-Methane HC (µg/m³)	ABCTL/INS/SOP/038	24 hours		
5		t contract of the contract of	1		

....End of Report....



A. Robson Chinnadurai

Technical Manager

M/s Oilmax Energy Private Limited.

Eastern Express Highway, Sion (E)

Mumbai - 4000022

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ACCRECITED BY NABL, ISOTEC 17035, 2016, CLALITY COLVES, OF INDIA RECOGNISED BY MYDSTRY OF ENVIRONMENT. FOREST A CHMATE CHANGE WIEFOC, GOVERNMENT OF INDIA 4 NOTIFIC BY FINDE SAFETY STANDARDS AND A DESCRIPT OF AND A JESSAU.

TEST REPORT

Report Number	;	ABCTLN/2020/03/2211-2216	
Sample drawn by	***************************************	ABC Techno Labs India Private Limited	1994 Para a tarania rakini garingi mengapagan asalah dalah dalah salah dalah dalah salah garingi garingi dalah
Sample description		Ambient Noise Level Monitoring	N is a M in
Project Name	1	Onshore Development & Production of O facilities in Charaideo Block under Chara Upper Assam Basin, District-Charaideo, A Private Limited.	ídeo-Nahophabi PML in
Date of Sampling	;	07-03-2020 to 11-03-2020	
Date of Receipt	* ,	16-03-2020	The state of the s
Date of analysis		16-03-2020	
Date of completion		19-03-2020	r Principal National Land Control Land Control
Report date	;	15-07-2020	Page 1 of 1

Sl.No	Location/Source	Noise Level in Leq[dB(A)]			
		Day (6.00 am to 10.00 pm)	Night (10.00 pm to 6.00 am)		
1	Bhokot Gaon (CH-02)	42.8	31.7		
2	Bhokot Gaon (CH-01)	42.6	32.2		
3	Mathura Pur (CH-03)	46.9	38.2		
4	Chakial Gao (CH-03)	42.2	34.4		
5	Hulal	44.6	35.0		
6	Bhokot Gaon (CH-01)	42.1	33.8		

Method: IS: 9989-1981 (Reaff: 2014)

Ambient Noise Quality Standards

	Annibient Noise Quanty Standards							
Area	Catagam af ayar	Limits in $L_{eq}[dB(A)]$						
Code	Category of area	Day (6.00 am to 10.00 pm)	Night (10.00 pm to 6.00 am)					
Α	Industrial Area	75	70					
В	Commercial Area	65	55					
C	Residential Area	555	45					
D	Silence Zone	50	40					

....End of Report...



A. Robson Chinnadurai Technical Manager

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^{*} The head described of the strain best of a. This control of a minimized of the strain has described in the action approach of ARC a. This strain above a recommendation of the strain action in the strain action in the strain action is a strain action of the strain action in the strain action ac

ANNEXURE-III NEWS PAPER ADVERTISEMENT OF ENVIRONMENTAL CLEARANCE



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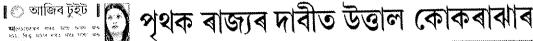
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বিশ্ব পার্থার বিশ্বার ।

ক্রিপ্তার বার্থার বিশ্বার বিশ্বর বিশ্

প্ৰজনৰ শোকাৰত সূত্ৰা

বৰাকত পথ দুৰ্ঘটনাত নিহত পাঁচ

বিহাৰ আহকৈ বিশ্বাস্থ্য বিশ্বাসৰ, এক নাজ্যক্ষ হ নাজনে নিজেনাৰ প্ৰতিক্ৰাই নাজিক কাইনালানিক কাৰ নাজ নাজীয় মাজনাৰ প্ৰবাহন্ত নিজনাৰ নাজনাৰ নাজনি নাজনিক কাৰ পৰা ক্ষিত্ৰত কাইনাৰ প্ৰত্যাহ্বৰ কাইনাৰ কাইনাৰ কাইনা কাইনা কাইনাৰ কাইনাৰ

প'ষ্টাৰ সুকলি 16.20 Car 12.00



'গৰু'ৰ প্ৰথমখন

भ्रत्मासक दलकी ठाउँ एक शिका है

আছি নেছ'ৰ মুখ্য প্ৰাপ্ত, ২০ মুখ্যম বি মুখ্য প্ৰাপ্ত, ১০ মুখ্যম ব ১৯ এন এছ চি এনৰ শিবিৰত ম্যানমাৰ সেনাৰ আক্ৰমণ! ডিজগড়ত পুনৰ কৰীল হাতীৰ সূত্ৰ

🕮 ৩জন উগ্রপন্থী নিহত ঃ বৃহৎ পবিমাণৰ অস্ত্র-শস্ত্র উদ্ধাব 🕮



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কে এম চি-চিমপ্লেক্সৰ

টে নিজন হার্মিই সাম্বর মার্টারিক নিজাস ৰাণী-পলাশবাৰীত হাতী-মানুহৰ সংঘাত



দিন্দ্ৰ প্ৰাথমি বিশ্বত ।
প্ৰথমি কা ভাৰতাৰ হ'ত তিনা চালকাৰ্য কিবলাৰ ।
তেতি কা তেতুৰ কাই কৰুতাৰ কাইটা কৰুতাৰ কাইটা ভাৰতাৰ কাইটা কৰুতাৰ কাইটা ভাৰতাৰ কাইটা ভাৰতাৰ

মইমতালিব আন এক কাহিনী পুৰণি ভগা দলঙকেই মেৰামতি কৰি দায় সৰাৰ চেষ্টা!



বিশ্বা বার্মান নির্বার
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হতুমান বাবহি গোন্ত। ভোগালৈ এই ক পৰেছৰ বা কালিকাৰ পৰিকাৰ নিকাৰ কৰিবলৈ প্ৰতিবাধান কিবলৈকৈ কিবলৈকৈ কৰিবলৈ ক



করি প্রত্যুক্ত হয় করিছে করিছে জনজন বিশ্ব বিশ্ববিদ্যাল করিছে লাভান করেছে বিশ্ববিদ্যালয় বিশ্ববিদ্যালয় করিছে লাভান করেছে বিশ্ববিদ্যালয়

ক্ষেত্ৰত বিভাগ কৰি বিভাগ কৰি কৰি বিভাগ কৰিব বিভাগ কৰি

ত্তীক্ষণ, বাং শংক্ষাক সংক্রিটার ক্ষেত্র বাংলার বিদ্ শন্তপ্রতীক্ষণী মার্লেটার বিহিন্দ বাংলাক

এন এছ এছৰ আদৰ্শই শিক্ষাৰ্থীৰ সামাজিক দায়বদ্ধতা বঢ়াব ঃ সোণোৱাল



বিশ্ববিদ্যালয়ৰ পাঠ্যক্ৰমত অন্তৰ্ভুক্ত কৰাব পোষকতা

প্রমাণী কর্মা কর্মান কর্মান



Date - 2nd 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 4th November, 2019 for the Block on 18th 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 26th 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

Dr. Vidyadhar Kamath

Kanalk

Head - Reservoir Engineering

Encl - As above

CIN: U40101MH2008PTC185357

3-A, Omkar Esquare, Chunnabhatti Signal,

Eastern Express Highway, Sion (East), Mumbai - 400 022

Tel.: +91 22 4244 1100 Fax: +91 22 4244 1111

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ANNEXURE-IV NABL CERTIFICATE OF ABC TECHNOLABS INDIA PVT. LTD.





Quality Council of India



National Accreditation Board for Education & Training

CERTIFICATE OF ACCREDITATION

ABC Techno Labs India Private Limited, Chennai

"ABC Tower", 400, 13th Street, SIDCO Industrial Estate North Phase, Ambattur, Chennai 600098

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:

SI.			Sector (as per)		
No.	Sector Description	NABET	MoEFCC	Cat.	
1	Mining of minerals including open cast/underground mining	1	1 (a) (i)	Α	
2.	Offshore and onshore oil and gas exploration, development & production	2	1 (b)	Α	
3	River Valley projects	3	1 (c)	Α	
4	Thermal power plants	4	1 (d)	Α	
5	Mineral beneficiation including pelietisation	7	2 (b)	В	
6	Metallurgical industries (ferrous & non-ferrous)	8	3 (a)	В	
7	Cement plants	9	3 (b)	Α	
8	Petroleum refining industry	10	4 (a)	Α	
9	Asbestos milling and asbestos based products	12	4 (c)	Α	
10	Leather/skin/hide processing industry 4	15	4 (f)	Α	
11	Chemical Fertilizers	16	5 (a)	٨	
12	Petro-chemical complexes	18	5 (c)	Α	
13	Petrochemical based processing	20	5 (e)	Α	
14	Synthetic organic chemicals industry	21	5 (f)	Α	
15	Distilleries	22	5 (g)	Α	
16	Pulp & paper industry excluding manufacturing of paper from wastepaper and manufacture of paper from ready pulp without bleaching	24	5 (i)	Α	
17	Sugar Industry	25	5 (j)	В	
18	Oil & gas transportation pipeline, passing through national parks/sanctuaries/coral reefs / ecologically sensitive areas including LNG terminal	27	6 (a)	Α	
19	Isolated storage & handling of hazardous chemicals	28	-	В	
20	Airports	29	7 (a)	Ά	
21	Industrial estates/ parks/ complexes/ Areas, export processing zones(EPZs), Special economic zones (SEZs), Biotech parks, Leather complexes	31	7 (c)	Α	
22	Common hazardous waste treatment, storage and disposal facilities (TSDFs)	32	7 (d)	A	
23	Ports, harbours, break waters and dredging	33	7 (e)	Α	
24	Highway	34	7 (f)	Α	
25	Common Effluent Treatment Plants (CETPs)	36	7 (h)	В	
26	Common Municipal Solid Waste Management Facility (CMSWMF)	37	7 (i)	В	
27	Building and construction projects	38	8 (a)	8	
28	Townships and Area development projects	39	8 (b)	В	

Note: Names of approved EIA Coordinators and Functional Area Experts ore mentioned in RAAC 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/ENV/ACO/20/1257 dated March 02, 2020. The accreditation needs to be renewed before the expiry d\u00e4te 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/1922/ RA 0155

May 24, 2022

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



