ऑयल इंडिया
OIL INDIA

HSE Department
Oil India Limited
Duliajan, Dibrugarh, 786602, Assam
Phone : 0374-2800542
Email: safety@oilindia.in

संदर्भ सं./Ref. No.: S&E/E/43C-1/588

दिनांक/Date: 28.05.2024

From	:	Executive Director (HSE & ESG)
To	:	Deputy Director General of Forests (Central), Sub Office, Guwahati (under Regional Office, Shillong), 4th Floor, Housefed Building, Rukminigaon, Guwahati-781022. (**Email :** iro.guwahati-mefcc@gov.in, iro.moefcc.ghy@gmail.com)
Subject	:	Submission of Half-yearly (October 2023 to March 2024) compliance reports of the conditions stipulated in the Environment Clearance (EC) granted to Oil India Limited.

Sir,

Reference to above subject, please find enclosed herewith the Half-yearly (**October 2023 to March 2024**) compliance reports of the conditions stipulated in the Environment Clearance (EC) granted to Oil India Limited. List of the EC are tabulated below:

S.No	EC Identification No/File No.	Name of the EC proposal
1.	F. No. J-11011/413/2008-IA II (I) dated 24.01.2011	OCS Bhogpara.
2.	F. No. J-11011/1251/2007-IA II (I) dated 01.11.2011	Exploratory Drilling of 01 (One) well at Doomdooma-Pengry Area, District Tinsukia, Assam.
3.	F. No. J-11011/682/2008-IA II (I) dated 17.06.2013	Expansion of Gas field Development in Tengakhat-Naharkatia-Jorajan area and Doomdooma Pengry area, Assam by M/s Oil India Ltd.
4.	F. No. J-11011/116/2018-IA II (I) dated 07.01.2020	Onshore Oil & Gas Exploration & Development Drilling and Production in Ningru Oil & Gas Field in Districts Changlang and Namsai for Ningru PML Block (Arunachal Pradesh)
5.	F. No. J-11011/1260/2007-IA II (I) dated 09.04.2020	Onshore Oil & Gas Development Drilling and Production in Mechaki Area covering Mechaki, Mechaki Extension, Baghjan and Tinsukia Extension PMLs on District Tinsukia (Assam).
6.	F. No. J-11011/150/2016- IA II (I) dated 11.05.2020	Extension Drilling & Testing of Hydrocarbons at 7 (seven) Locations under Dibru-Saikhowa National Park Area, North-West of Baghjan PML, District Tinsukia, Assam.
7.	F. No. J-11011/1253/2007-IA II (I) dated 28.12.2020	Onshore Oil & Gas development drilling and production by M/S Oil India Ltd in Dibrugarh district under Dibrugarh, Chabua, Higrijan and Tinsukia PMLs. (Dibrugarh- Bhogpara)
8.	F. No. J-11011/375/2016-IA II (I) dated 28.12.2020	Onshore Oil & Gas Development Drilling and Production (179 wells and 9 Production

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		Installations) in North Hapjan – Tinsukia – Dhola area under Tinsukia district, Assam.
9.	F. No. J-11011/35/2018-IA II (I) dated 26.02.2021	Onshore Oil & Gas development drilling and production by M/S Oil India Ltd. Located in Khagorijan Oil & Gas Field in Dibrugarh & Tinsukia District under Tinsukia PML, Tinsukia Extension PML and Chabua PML District: Dibrugarh, Assam
10.	F. No. J-11011/186/2016-IA II (I) dated 03.03.2021	Onshore Oil & Gas development drilling and production in Borhat-Titlagarh area, Dibrugarh, Sibsagar and Charaideo Districts under Sapkaintb, Borhat, Moran Extension and Doomdooma PMLs.
11.	EC22A002AS110311 F. No. J-11011/156/2017-IA II (I) dated 28.11.2022	Oil & Gas development drilling and production (16 exploratory, 73 developmental drilling wells and 9 Production Installations) in Moran Area under Dibrugarh, Sibsagar and Charaideo districts, Assam.
12.	EC23A002AS125690 F. No. J-11011/1254/2007-IA II (I) dated 13.01.2023	Oil & Gas development drilling and production (68 developmental drilling wells and 9 Production Installations) in Khowang Shalmari Area under Dibrugarh, Sibsagar districts, Assam.
13.	EC23A002AS188131 F.No J-11011/1257/2007- IA II (I) dated 17.04.2023	Onshore Oil & Gas development drilling and production (167 wells and 7 production Installations) in Tengakhat-Kathaloni-Dikom (TKD) under Dibrugarh district, Assam.
14.	EC23A002AS198872 F. No. J-11011/388/2016-IA II (I) dated 31.07.2023	Onshore Oil & Gas development drilling (67 wells) in Jorajan Area under Dibrugarh, Charaideo and Tinsukia districts, Assam.
15.	EC23A002AS146942 F.No. J-11011/546/2017-IA(I) dated 20.09.2023	Onshore Oil & Gas development drilling and production (294 wells and 2 Production Installations) in Naharkatiya-Deohal-Bogapani-Nagajan (NDBN) area under Dibrugarh & Tinsukia districts, Assam.

This is for your kind information please.

Thanking you.

राजेन्द्र सिंह गार्बाल
Rajendra Singh Garbyal
कार्यपालक निदेशक (एचएसई एवं ईएसजी)
Executive Director (HSE & ESG)
नोडल अधिकारी (ईसी/एफसी/एनबीडब्ल्यूएल)
Nodal Officer (EC/FC/NBWL)
ऑयल इंडिया लिमिटेड/Oil India Limited

(Rajendra Singh Garbyal)
Executive Director (HSE & ESG)
Nodal Officer (EC, FC, NBWL)
For Resident Chief Executive

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OIL INDIA

HSE Department
Oil India Limited
Duliajan, Dibrugarh, 786602, Assam
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Encl: As above

Copy:

1. Director, Monitoring Cell, MoEF, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi-110003.
2. Zonal Office, Central Pollution Control Board, "TUM-SIR", Lower Motinagar, Near Fire Brigade Headquarter, Shillong-793014.
3. Chairman, Assam Pollution Control Board, Bamunimaidan, Guwahati-781021, Assam.
4. Chairman, Arunachal Pradesh State Pollution Control Board, Office of the Principal Chief and Secretary (E&F) Conservator of Forests, Govt. of Arunachal Pradesh, Itanagar-791111, Arunachal Pradesh.

STATUS OF COMPLIANCE OF EC CONDITIONS

Installation: Central Gas Gathering Station and Offtake Point (CGGS & OTP), Madhuban
Feeder Pipelines: 03 Nos (between CGGS & LPG OTP)
Period: 01/10/2023-31/03/2024

EC No: F. No J-11011/682/2008-I A II(I) Dated 17.06.2013

A. Specific Condition			
Sl No.	**EC Condition**	**Name of Installation**	**Compliance status/ Remark**
i	Prior clearance under the Wildlife (Protection) Act, 1972, should be obtained from the Standing Committee of the National Board for Wildlife as the project is located within 10 Km distance of Eco sensitive areas (Dehing Patkai WLS, Bherjan-Borajan-Podumoni WLS and Dibru-Saikhowa National Park).	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	NBWL clearance received vide letter No. WL/FG-35/Standing Committee NBWL dated 09.12.2014 & copy enclosed.
		Feeder Pipelines – 03 Nos.	NBWL clearance received vide letter No. WL/FG-35/Standing Committee NBWL dated 09.12.2014 & copy enclosed.
ii	No facility shall be developed in forest land.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied as it is not constructed in any forest land.
		Feeder Pipelines – 03 Nos.	Complied
iii	Adequate buffer zone around the oil and gas facilities, as may be required as per OISD or other statutory requirements.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied
		Feeder Pipelines – 03 Nos.	Not Applicable
iv	The flare system shall be designed as per good oil field practices and Oil Industry Safety Directorate (OISD) guidelines. The company shall take necessary measures to	Central Gas Gathering Station and Offtake	Complied. The flare system is Enclosed Ground Flare type.

	prevent fire hazards and soil remediation as needed. At the place of ground flaring, the flare pit shall be lined with refractory bricks and efficient burning system. In case of overhead flare stacks, the stack height shall be provided as per the regulatory requirements and emissions from stacks shall meet the MOEF/CPCB guidelines.	Point (CGGS & OTP)- Madhuban	
		Feeder Pipelines – 03 Nos.	Not Applicable
v	Regular ambient air quality monitoring of PM_{10}, SO_2, NO_x, VOC_s and HC (Methane and Non-methane) shall be monitored and displayed at a convenient location near the main gate of the company and at important public places. The location and results of existing monitoring stations should be reviewed in consultation with the concerned State Pollution Control Board based on the occurrence of maximum 3 ground level concentration and downwind direction of wind. If required, additional stations should be set up. It will be ensured that at least one monitoring station is set up in up-wind & in down-wind direction along with those in other directions.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Complied. Latest Report of Ambient Air Quality along with VOC and HC Monitoring is enclosed. Ambient Air Quality Monitoring System (with Outdoor Display Board) for the CGGS, Madhuban installed and commissioned on **05.09.2023.**
		Feeder Pipelines – 03 Nos.	Not Applicable
vi	Regular monitoring of VOC and HC in the work zone area in the plant premises shall be carried and data be submitted to Ministry's Regional Office at Shillong, CPCB and Assam Pollution Control Board.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Complied. Latest Report of Ambient Air Quality along with VOC and HC Monitoring is enclosed. Online Fire & Gas Detection System is also installed in this station.
		Feeder Pipelines – 03 Nos.	Not Applicable
vii	Vapor recovery system shall be installed to prevent leakage of vapor from tank/ vessels / processing and filling areas to ensure no hydrocarbon vapors are released unchecked.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Not Applicable. Considering small capacity tanks (2 nos. of 500 m^3 and 1 no. of 250 m^3) and used as intermediate storage of NGL with half of the designed capacity, chances of leakage of vapour was not seen and Recovery System was not planned.

		Feeder Pipelines – 03 Nos.	Not Applicable.
viii	Total fresh water requirement from ground water source shall not exceed 18 m^3/day per GCS, 17 m^3/day per FGS and around 15 m^3/day per CGGS & OTP and prior permission shall be obtained from the CGWA/SGWA.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Complied. Water consumption is within the prescribed limit.
		Feeder Pipelines – 03 Nos.	Not Applicable.
ix	The company shall construct the garland drain all around the project site to prevent runoff of any oil containing waste into the nearby water bodies. Separate drainage system should be created for oil contaminated and non-oil contaminated streams. During rainy season, the storm water drains shall be connected to oil water separator and passed through guard pond. Water quality monitoring of guard pond shall be conducted	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Complied
		Feeder Pipelines – 03 Nos.	Not Applicable.
x	Produced water/wastewater separated during processing in GCSs/FGSs/CGGS shall be treated in efficient Effluent Treatment Plants and then routed to the nearby oil collecting station for injection into underground structures at depth between 1000m to 1500 m. Water quality of treated effluent shall conform to CPCB standards. No effluent shall be discharged outside the premises of facilities	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	The installation has an Effluent Treatment Plant to maintain treated water quality as per CPCB norms. No effluent is discharged outside the premises of the installation. However, due to non-availability of water in the feed gas, only trial run of ETP is done on regular basis to meet the future need, if arises.
		Feeder Pipelines – 03 Nos.	Not Applicable
xi	Oil Industry Safety Directorate guidelines regarding safety against fire, spillage, pollution control etc. should be followed. Company shall ensure no oil spillage occur during loading / unloading of petroleum products.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Complied

		Feeder Pipelines – 03 Nos.	Complied
xii	The project authorities should strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules 1989, as amended in 2000 and the Public Liability Insurance Act for handling of hazardous chemicals etc. All the hazardous waste should be properly treated and disposed off in accordance with the Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2008.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Complied
		Feeder Pipelines – 03 Nos.	complied
xiii	Necessary approvals from Chief Controller of Explosives must be obtained before commission of project. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Not applicable as there is no designated storage facility. However, as the installation comes under Mine, therefore DGMS approval is obtained and is enclosed herewith. Approved onsite & offsite DMP for CGGS Madhuban are available.
		Feeder Pipelines – 03 Nos.	Complied
xiv	The company shall obtain all requisite clearances for fire safety and explosives and should comply with the stipulation made by the respective authorities.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Complied
		Feeder Pipelines – 03 Nos.	Complied
xv	All storage tanks should be provided with design features based on applicable OISD standards.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Complied
		Feeder Pipelines – 03 Nos.	Not Applicable
xvi	No change in the storage capacity and other facilities should be made without getting proper approval from the Ministry.	Central Gas Gathering Station and Offtake	Will be complied

		Point (CGGS & OTP)- Madhuban	
		Feeder Pipelines – 03 Nos.	Will be complied
xvii	Fully automated tank farm management system (TFMS) will be provided for accounting of products & reconciliation.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Not Applicable Only 3 nos. small condensate storage tanks (2 nos. of capacity 500 m^3 and 1 no. of capacity 250 m^3) are installed and those are used as intermediate storage tank in the installation. Measurement of level, flow and pressure in these tanks is automatic and all data is available through DCS. Also, automatic Fire Fighting System and Safety Shut down System are installed for protection of these tanks.
		Feeder Pipelines – 03 Nos.	Not Applicable
xviii	Emergency Response Plan shall be based on the guidelines prepared by OISD, DGMS and Govt. of India. Mock drill shall be conducted once in a month.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Complied
		Feeder Pipelines – 03 Nos.	Complied
xix	Bottom oil sludge should be handled, stored and disposed as per CPCB/ MoEF guidelines. An action plan in this regard including bioremediation should be submitted to the Ministry and its Regional Office at Shillong within 3 months of issue of the letter.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Complied Secured, covered, impermeable sludge storage facility is already available and has already been intimated to MoEF.
		Feeder Pipelines – 03 Nos.	Not Applicable
xx	Occupational health surveillance of worker should be done on a regular basis and records maintained as per the Factory Act.	Central Gas Gathering Station and Offtake	Complied

		Point (CGGS & OTP)- Madhuban	
		Feeder Pipelines – 03 Nos.	Complied
xxi	Green belt should be developed in 33% of the plot area to mitigate the effect of fugitive emission all around the plant in consultation with DFO as per CPCB guidelines. Thick green belt around POL depot should be ensured.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Being complied. Green belt is being developed.
		Feeder Pipelines – 03 Nos.	Not Applicable
xxii	All the commitments made to the public during the Public Hearing/Public Consultation meeting held on 23rd August, 2011, 25th August, 2011 and 26th August, 2011 for the project shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Shillong.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Complied
		Feeder Pipelines – 03 Nos.	Complied
xxiii	At least 5 % of the total cost of the project shall be earmarked towards corporate social responsibility and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office at Shillong. Implementation of such program shall be ensured accordingly in a time bound manner.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	The CSR Policy of the company is already in place and the same is being implemented in time bound phased manner as per government directive.
		Feeder Pipelines – 03 Nos.	The CSR Policy of the company is already in place and the same is being implemented in time bound phased manner as per government directive.
xxiv	Company shall prepare operating manual in respect of all activities. It should cover all safety & environment related issues and system measures to be taken for protection. One set of environmental manuals shall be made available at the drilling site/ project site. Awareness	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Complied

	should be created at each level of the management. All the schedules and results of environmental monitoring shall be available at the project site office.	Feeder Pipelines – 03 Nos.	Complied
xxv	Project proponent shall comply with the environment protection measures and safeguards recommended in the EIA/EMP/risk analysis report/disaster management plan.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied
		Feeder Pipelines – 03 Nos.	Complied
xxvi	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied. Presently Not Applicable.
		Feeder Pipelines – 03 Nos.	Complied. Presently Not Applicable.

B. General Condition			
Sl No.	**EC Condition**	**Name of Installation**	**Compliance status/ Remark**
i	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and any other statutory authority.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied
		Feeder Pipelines – 03 Nos.	Complied
ii	No further expansion or modification in the project shall be carried out without prior approval of the Ministry of Environment & Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Will be complied
		Feeder Pipelines – 03 Nos.	Will be complied

	the adequacy of conditions imposed and to add additional environmental protection measures required, if any.		
iii	The project authorities must strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 2000 as amended subsequently. Prior approvals from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire Safety Inspectorate etc. must be obtained, wherever applicable.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied.
		Feeder Pipelines – 03 Nos.	Complied.
iv	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied
		Feeder Pipelines – 03 Nos.	Not Applicable
v	A separate Environmental Management Cell equipped with full-fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied. It is being maintained centrally for OIL.
		Feeder Pipelines – 03 Nos.	
vi	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests 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.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied
		Feeder Pipelines – 03 Nos.	Complied
vii	The Regional Office of this Ministry/Central Pollution Control Board/State Pollution Control Board will monitor the stipulated conditions. A six-monthly compliance report and the	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied. Monitored data enclosed.

	monitored data along with statistical interpretation shall be submitted to them regularly.	Feeder Pipelines – 03 Nos.	Complied
viii	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad /Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied
		Feeder Pipelines – 03 Nos.	Complied
ix	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF, the respective Zonal Office of CPCB and the PCB, Assam. The criteria pollutant levels namely; PM_{10}, SO_2, NO_x, CO, HC (Methane & Non-methane), VOC_s (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied. Compliance status including monitored data is regularly sent to concerned government authorities. Monitored data is also enclosed herewith. Ambient Air Quality Monitoring System (with Outdoor Display Board) for the CGGS, Madhuban installed and commissioned on **05.09.2023.**
		Feeder Pipelines – 03 Nos.	Complied.
x	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the PCB, Assam. The Regional Office of this Ministry / CPCB / MPPCB shall monitor the stipulated conditions.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied. Monitored data enclosed.
		Feeder Pipelines – 03 Nos.	Complied.
xi	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied.

	as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.	Feeder Pipelines – 03 Nos.	Complied.
xii	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 PCB, Assam and may also be seen at Website of the Ministry of Environment and Forests at http:/envfor.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 Regional office.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied. Copy of newspaper advertisement forwarded with our Compliance Status Report submitted in April, 2014.
		Feeder Pipelines – 03 Nos.	Complied.
xiii	Project authorities shall inform the Regional office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work. Same shall be forwarded to the Regional office.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied. Copy of newspaper advertisement forwarded with our Compliance Status Report submitted in April, 2014.
		Feeder Pipelines – 03 Nos.	Complied.

16/05/24
(Jone Moni Chetia)
CGM-GMS & LPG

मुख्य महाप्रबंधक (गैस प्रबंधन सेवाएं)
CGM (Gas Management Services)

Ambient Air Quality Monitoring Report

Name & Address of the Customer :	Report No. : MSK/2023-24/2307
"M/s OIL INDIA LIMITED",	Report Date : 30.01.2024
Duliajan, Dibrugarh, Assam-786602	Sample Description : Ambient Air
	Sample Number : MSKGL/ED/2023-24/12/00716
	Sampling Location : CGGS MADHUBAN NEAR FLARE AREA
Ref. No.:W.O. NO - 8125981 of Contract No. 6116895	GPS Reading : N 27°51'38", E 95°42'53"

Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
04.01.2024	07.01.2024	07.01.2024	14.01.2024

Enviromental Conditions During Sampling & Transport Condition :Temperature : 25°C, Rain fall : NO

Analysis Result

Sl. No	Test Parameter	Method	Unit	Results	CPCB Limit
1	Particulate Matter (PM_{10})	IS : 5182 (Part-23)-2006	(µg/m3)	65.1	100
2	Particulate Matter ($PM_{2.5}$)	IS : 5182 (Part-24)	(µg/m3)	40.7	60
3	Sulphur Dioxide (SO_2)	IS : 5182 (Part-2)-2001	(µg/m3)	6.7	80
4	Nitrogen Dioxide (NO_2)	IS : 5182 (Part-6)-2006	(µg/m3)	20.7	80
5	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m3)	0.68	2
6	Ozone (O_3)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m3)	<20.0	180
7	Ammonia (NH_3)	IS 5182 (Part 25) : 2018	(µg/m3)	<10.0	400
8	Lead (Pb)	USEPA IO-3.4	(µg/m3)	<0.01	1
9	Nickel (Ni)	USEPA IO-3.4	(ng/m3)	<5.0	20
10	Arsenic (As)	USEPA IO-3.4	(ng/m3)	<1.0	6
11	Benzene (C_6H_6)	IS 5182 : (Part 11) :2006	(µg/m3)	<4.2	5
12	Benzo a Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m3)	<0.5	1
13	Mercury (Hg)	USEPA IO-5.0	(µg/m3)	<0.002	
14	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	1.80	
15	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	
16	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.80	
17	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m3)	<4.2	

Limits as per CPCB Notification, New Delhi, 18th Nov, 2009 for Ambient air quality

Analyzed By:

Signature :
Name : Mr. Dipankar Mazumdar
Designation. : Executive Chemist

Prepared By:

Signature :
Name : Miss Jyosmita Borah
Designation. : Office Assistant

Authorized Signatory
Mitra S.K. Private Limited

Signature :
Name : Mr. Rajib Roy
Designation : Branch Manager

- *The results relate only to the item(s) tested.*
- *This Test Report shall not be reproduced except in full, without the permission of Mitra S.K. Private Limited.*
- *Our Lab is Approved by NABL & MOEF, Lab Address :P-48 Udayan Industrial Estate,3 Pagladanga Road Kol-700015*

Ambient Air Quality Monitoring Report

Name & Address of the Customer	Report No : MSK/2023-24/2308
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602	Report Date : 30.01.2024 Sample Description : Ambient Air Sample Number : MSKGL/ED/2023-24/12/00717 **Sampling Location : CGGS MADHUBAN NEAR GENERATOR ROOM**
Ref No./W.O. No.: 8125981 of Contract No. 5116895	GPS Reading : N 27°51'38", E 95°42'53"

Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
04.01.2024	07.01.2024	07.01.2024	14.01.2024

Enviromental Conditions During Sampling & Transport Condition :Temperature : 25°C, Rain fall : NO

Analysis Result

Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1	Particulate Matter (PM_{10})	IS : 5182 (Part-23)-2006	(µg/m3)	57.6	100
2	Particulate Matter ($PM_{2.5}$)	IS : 5182 (Part-24)	(µg/m3)	37.6	60
3	Sulphur Dioxide (SO_2)	IS : 5182 (Part-2)-2001	(µg/m3)	6.9	80
4	Nitrogen Dioxide (NO_2)	IS : 5182 (Part-6)-2006	(µg/m3)	21.3	80
5	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m3)	0.68	2
6	Ozone (O_3)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m3)	20.6	180
7	Ammonia (NH_3)	IS 5182 (Part 25) : 2018	(µg/m3)	10.3	400
8	Lead (Pb)	USEPA IO-3.4	(µg/m3)	<0.01	1
9	Nickel (Ni)	USEPA IO-3.4	(ng/m3)	<5.0	20
10	Arsenic (As)	USEPA IO-3.4	(ng/m3)	<1.0	6
11	Benzene (C_6H_6)	IS 5182 : (Part 11) :2006	(µg/m3)	<4.2	5
12	Benzo (a) Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m3)	<0.5	1
13	Mercury (Hg)	USEPA IO-5.0	(µg/m3)	<0.002	
14	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	1.78	
15	Non-Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	
16	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.78	
17	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m3)	<4.2	

Limit as per CPCB notification, New Delhi, 18th Nov, 2009 for Ambient air quality

Analyzed By:

Signature
Name : Mr. Dipankar Mazumdar
Designation : Executive Chemist

Prepared By:

Signature : Borah
Name : Miss Jyosmita Borah
Designation : Office Assistant

Authorized Signatory
Mitra S.K. Private Limited

Signature :
Name : Mr. Rajib Roy
Designation : Branch Manager

- *The results relate only to the item(s) tested.*
- *This test Report shall not be reproduced except in full, without the permission of Mitra S.K. Private Limited.*
- *Our Lab is Approved by NABL & MOEF, Lab Address :P-48 Udayan Industrial Estate,3 Pagladanga Road Kol-700015*

Mitra S. K. Private Limited

STACK GAS MONITORING REPORT

Name & Address of the Customer		Report No	: MSK/2023-24/2166
[illegible] LIMITED		Report Date	: 30.12.2023
[illegible] Assam-786[illegible]		Nature of Sample	Stack Emission
		Sample Mark	CGGS MADHUBAN
		Sample Number	MSKGL/ED/2023-24/12/00662

Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
[illegible] 11.2023	27.11.2023	27.11.2023	04.12.2023

ANALYSIS RESULT

A.	**General information about stack :**	: GEG-I
1	Stack connected to	: TURBINE
2	Emission due	: NG
3	Material of construction of Stack	: MS
4	Shape of Stack	: Circular
5	Whether stack is provided with permanent platform & ladder	: Yes
6	DG capacity	: 906 KVA
B.	**Physical characteristics of stack**	
1	Height of the stack from ground level	12.192 m
2	Diameter of the stack at sampling point	0.1016 m
3	Area of Stack	0.00810 m2
C.	**Analysis/Characteristic of stack:**	
	Fuel used : NG	

D. **Result of sampling & analysis of gaseous emission**

		Result	Limit as per CPCB	Method
1	Temperature of emission (°C)	116	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	762	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec)	14.66	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm3/hr)	326	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (% v/v)	13.6	...	IS 13270: 1992 Reaff. 2014
6.	Concentration of Carbon Monoxide (mg/Nm3)	28.2	150	IS 13270: 1992 Reaff. 2014
7	Concentration of Carbon Dioxide (% v/v)	6.2	...	IS 13270: 1992 Reaff. 2014
8	Concentration of Sulphur Dioxide (mg/Nm3)	24.5	...	USEPA-29, 25.09.1996
9	Concentration of Nitrogen Oxide (ppmv)	74.6	360	USEPA Part-6, 25.09.1996
10	Concentration of Lead (mg/Nm3)	[illegible].05	...	USEPA-29, 25.09.1996
11	Concentration of Particulate matter (mg/Nm3)	35.5	75	USEPA Part-17, [illegible]
12	Concentration of [illegible]	[illegible]	100	USEPA 18, 25.09.1996

E. **Pollution control device** :

Details of pollution control devices attached with the stack Nil

Remarks Nil

Analyzed By:	Prepared By:	Authorized Signatory ForMitra S.K. Private Limited
Signature [signature]	Signature [signature]	Signature [signature]
Name Mr. Dhrubajit Mazumdar	Name Miss Neeta Sarman	Name Mr. [illegible] Roy
Designation Executive Chemist	Designation Office Assistant	Designation Branch Manager

- [illegible]
- [illegible] ... the permission of Mitra S.K. Private Limited
- [illegible]

Head Office: Shrachi Centre (5th floor), 74B, A.J.C. Bose Road, Kolkata - 700 016, West Bengal, India
Tel.: +91 33 40143000 / 22650006 / 22650007 Fax: +91 33 22650008
Email: info@mitrask.com, Website: www.mitrask.com

Mitra S. K. Private Limited

STACK GAS MONITORING REPORT

Name & Address of the Customer	Report No.	: MSK/2023-24/2167
M/s [illegible]	Report Date	: 30.12.2023
[illegible]	Nature of Sample	: Stack Emission
	Sample Mark	: CGGS MADHUBAN
	Sample Number	: MSKGL/ED/2023-24/12/00663

Ref. Work Order No. 8125982 of Contract No. 6110895

Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
21.12.2023	27.12.2023	27.12.2023	04.12.2023

ANALYSIS RESULT

A.	**General information about stack :**	
1	Stack connected to	: GEG-2
2	[illegible]	: TURBINE
3	Material of construction of Stack	: MS
4	Shape of Stack	: Circular
5	Whether stack is provided with permanent platform & ladder	: Yes
6	DG capacity	: 906 KVA
B.	**Physical characteristics of stack :**	
1	Height of the stack from ground level	: 12.192 m
2	[illegible] of stack at sampling point	: 1.016 m
3	[illegible]	: 0.8107 m2
C.	**Analysis/Characteristic of stack.**	
	NG	

D.	**Result of sampling & analysis of gaseous emission**	**Result**	**Limit as per CPCB**	**Method**
1	Temperature of emission (°C)	107	...	USEPA Part 2, 25.09.1996
2	Barometric Pressure (mm of Hg)	762	...	USEPA Part 2, 25.09.1996
3	Velocity of gas (m/sec.)	15.48	...	USEPA Part 2, 25.09.1996
4	Quantity of Gas Flow (Nm3/hr)	352	...	USEPA Part 2, 25.09.1996
5	Concentration of Oxygen (%)	13.4	...	IS 13270: 1992 Reaff. 2004
6	Concentration of Carbon Monoxide (mg/Nm3)	28.2	150	IS 13270: 1992 Reaff. 2004
7	Concentration of Carbon Dioxide (%v/v)	5.8	...	IS 13270: 1992 Reaff. 2004
8	Concentration of Sulphur Dioxide (mg/Nm3)	27.1	...	USEPA-29, 25.09.1996
9	Concentration of Nitrogen Oxide (ppmv)	74.1	360	USEPA Part-6, 25.09.1996
10	Concentration of Lead (mg/Nm3)	0.005	...	USEPA-29, 25.09.1996
11	Concentration of Particulate matter (mg/Nm3)	35.1	75	USEPA Part-17, 16.09.1996
12	Concentration of Hydrocarbons (ppm)	<0.0003	100	USEPA-25, 25.09.1996

E. **Pollution control device :**

Details of pollution control devices attached with the stack : Nil

Remarks: Nil

Analysed by:

Prepared By:

Signature
Name: Miss Neeha Sarmah
Designation: Office Assistant

Authorized Signatory
For Mitra S.K. Private Limited

Signature
Name: Mr. Sujit Roy
Designation: Branch Manager

Head Office: Shrachi Centre (5th floor), 74B, A.J.C. Bose Road, Kolkata - 700 016, West Bengal, India
Tel.: +91 33 40143000, 22650006, 22650007 Fax: +91 33 22650008
e-mail: info@mitrask.com, Website: www.mitrask.com

Mitra S. K. Private Limited

STACK GAS MONITORING REPORT

Name & Address of the Customer		Report No	: MSK/2023-24/2169
[illegible]		Report Date:	30.12.2023
[illegible]		Nature of Sample	Stack Emission
		Sample Mark	CGGS MADHUBAN
		Sample Number	MSKGL/ED/2023-24/12/00665

[illegible]

Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
21.11.2023	27.11.2023	27.11.2023	04.12.2023

ANALYSIS RESULT

A. General information about stack : : DRENCHING PUMP-1

1	Stack connected to	WATER TANK
2	Emission due to	HSD
3	Material of construction of Stack	MS
4	Shape of Stack	Circular
5	Whether stack is provided with permanent platform & ladder	Yes
6	DG capacity	255 HP

B. Physical characteristics of stack :

1	Height of the stack from ground level	3.048 m
2	Diameter of the stack at sampling point	0.1016 m
3	Area of Stack	0.00810 m2

C. Analysis/Characteristic of stack

1 Fuel used HSD

D. Result of sampling & analysis of gaseous emission

		Result	Limit as per CPCB	Method
1	Temperature of emission (°C)	124	...	USEPA Part 2, 25.09.1996
2	Barometric Pressure (mm of Hg)	762	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec)	20.86	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm3/hr)	454	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.8	...	IS 13270:1992 Reaff. 2014
6	Concentration of Carbon Monoxide (g/kW-hr)	0.126	≤ 3.5	IS 13270:1992 Reaff. 2014
7	Concentration of Carbon Dioxide (%v/v)	5.6	...	IS 13270:1992 Reaff. 2014
8	Concentration of Sulphur Dioxide (mg/Nm3)	23.7	...	USEPA-29, 25.06.1996
9	Concentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr)	0.274	≤ 4.0	USEPA Part-7, 12.03.1996 & USEPA 18-25.09.1996
10	Concentration of Lead (mg/Nm3)	<0.005	...	USEPA-29, 25.06.1996
11	Concentration of Particulate matter (g/kW-hr)	0.108	≤ 0.2	USEPA Part-17, [illegible]

E. Pollution control device :

Details of pollution control devices attached with the stack : Nil

Remarks Nil

Analyzed By:	Prepared By:	Authorized Signatory For Mitra S.K. Private Limited
Signature: [signature]	Signature: [signature]	Signature: [signature]
Name: [illegible]	Name: Miss Neeha Sarman	Name: Mr. [illegible] Roy
Designation: [illegible]	Designation: Office Assistant	Designation: Branch Manager

- [illegible]
- This Test Report shall not be reproduced except in full without the permission of Mitra S.K. Private Limited.
- [illegible] Approved by NABL & MOEF. Lab Address: [illegible] Pagladanga Road Kol- [illegible]

Head Office: Shrachi Centre (5th floor), 74B, A.J.C. Bose Road, Kolkata - 700 016, West Bengal, India
Tel.: 91 33 40143000 / 22650006 / 22650007 Fax : 91 33 22650008
Email: info@mitrask.com, Website: www.mitrask.com

Mitra S. K Private Limited

STACK GAS MONITORING REPORT

Name & Address of the Customer		Report No.	: MSK/2023-24/2170
M/s [illegible]		Report Date	: 30.12.2023
[illegible]		Nature of Sample	: Stack Emission
		Sample Mark	: CGGS MADHUBAN
		Sample Number	: MSKGL/ED/2023-24/12/00666
[illegible] 25981 of Contract No. 6116895			
[illegible]	Sample Received Date	Analysis Start Date	Analysis Complete Date
[illegible]	[illegible]	[illegible]	[illegible]

ANALYSIS RESULT

A.	**General information about stack :**	
1	Stack connected to	: DRENCHING PUMP-2
2	Fuel used	: WATER TANK
3.	Material of construction of Stack	: HSD
4.	Shape of Stack	: MS
5.	Whether stack is provided with permanent platform & ladder	: Circular
6.	DG capacity	: Yes
		: 255 HP
B.	**Physical characteristics of stack :**	
1	Height of the stack from ground level	: 3.048 m
2	Diameter of the stack at sampling point	: 0.1016 m
3	Area of Stack	: 0.00810 m2

C. Analysis/Characteristic of stack

Fuel used : HSD

D. Result of sampling & analysis of gaseous emission

		Result	Limit as per CPCB	Method
1	Temperature of emission (°C)	115	...	USEPA Part 2, 25 09 1996
2.	Barometric Pressure (mm of Hg)	762	...	USEPA Part 2, 25 09 1996
3	Velocity of gas (m/sec.)	24.55	...	USEPA Part 2, 25 09 1996
4.	Quantity of Gas Flow (Nm3/hr)	480	...	USEPA Part 2, 25 09 1996
5	Concentration of Oxygen (%v/v)	14.0	...	USEPA Part 3, 1996 Reaff. 2004
5	Concentration of Carbon Monoxide (g/kW-hr)	3.125	≤ 3.5	IS 13270 1992 Reaff. 2004
7	Concentration of Carbon Dioxide (%v/v)	5.2	...	IS 13270 1992 Reaff. 2004
8	Concentration of Sulphur Dioxide (mg/Nm3)	24.1	...	USEPA-29, 25/06/1996
9	Concentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr)	0.266	≤ 4.0	USEPA Part-7, 12 08 1996 & USEPA 19 -25 09 1996
10	Concentration of Lead (mg/Nm3)	<0.005	...	USEPA-29 25/06/1996
11	Concentration of Particulate matter (g/kW-hr)	0.105	≤ 0.2	USEPA Part-17 [illegible]

E. Pollution control device :

Details of pollution control devices attached with the stack : Nil

Remarks Nil

Analyzed by:

Mr. Dipankar Mazumdar
Executive Chemist

Prepared By:

Signature
Name : Miss Neeha Sarmah
Designation : Office Assistant

Authorized Signatory
ForMitra S.K. Private Limited

Signature
Name : Mr. [illegible]
Designation : Branch Manager

[illegible]

Head Office: Shrachi Centre (5th floor), 74B, A.J.C. Bose Road, Kolkata - 700 016, West Bengal, India.
Tel. : 91 33 4013 3000 / 22650006 / 22650007 Fax : 91 33 22650008
Email : info@mitrask.com Website: www.mitrask.com

[illegible]

Approved by
[illegible]

Annexrue III

FORM - O

[See Rules 29-F (2) and 29(L)

REPORT OF MEDICAL EXAMINATION UNDER RULE 29-B

Certificate No. BL/033/2023

Certified that sri/Shrimoti employed as ..... in ..... mine. Form D. No has been examined for an initial/ periodical* medical examination. He/She appears to be 36 years of age The finding of the examining authority are given in the attached sheet it is considered that Shri/Shrimoti MRIDUL GOGOI

*(a) Is medically fit for any employment in mines.

*(b) Is suffring from ..... and is medically unit for

(i) any employment in mine or

(ii) any employment below ground; or

(iii) any employment or work .....

*(c) Is suffring from ..... and should get this disability cured/ controlled and should be again examined within a period by ..... months.

*He/ She will appear for re-examination with the result of test of .....

*and the option of ..... specialist from.....

He/ She may be permitted/ Not permitted to carry on his duties this period.

Signature of Examining Authority

DR D. BHUYAN

Name and Designation in Block Letters

Place

Date

---

* Delet whatever not applicable.
* One copy of the certificate shall be handed over to the person concerned and another copy shall be sand to the manager of the mine concerned by registered post and the third copy be retained by the examining authority

REPORT OF THE EXAMINING AUTHORITY

(To be filled for every medical examination whether initial or periodical or re-examination or after cure/ control of disability)

Annexure to certificate No ...QL-065..

medical examination ...Cut mark on (R) Arm..................................... as a result

Identification Mark

Left Thumb impression of the Candidate

1 General Development : Good/ Fair/ Poor
2 Height ......56..........Cms
3 Weight ......75..........Kg.
4 Eyes
   (i) Visual .... distance vision (with or without glasses)
   Right Eye ...NORMAL.........
   Left Eye ....NORMAL.........
   (ii) Any organic disease of eyes -- NO
   (iii) Night Blindness – NO
   (iv) Sound – NO
   (*to be tested in special cases)
5 Ears
   (i) Hearing Right Ear ...NORMAL............ Left Ear.....NORMAL.......
   (ii) Any Organic Disease -- NO
6 Respiratory System
   Chest Measurement
   (i) After full inspection ....55..................Cms.
   (ii) After full examination ....52..................Cms.
7 Circulatory System
   Blood Presure -- 123/80
   Pulse -- 65/min
8 Abdomen – NAD
   Tenderness -- NIL
   Liver
   NORMAL
   Tumour -- NIL
9 Nervous System -- NAD
   History of fits or NIL
   Paralysis – NO
   Mental Health – Good
10. Locomotor System – NAD
11 Skin – NORMAL
12 Hernia – NO
13 Hydrocele – NIL
14 Any other normality – NO
15. Urine
   Reaction
   Albumin NIL
   Suger
16 Skiagram of Chest
17 Any other C test considered necessary by the examining authority.
18 Any opinion of specialist considered necessary.

Place

Signature of Examining Authority

Report of Medical Examination as per the recommendations of
National Safety Conferences in Miners
(To be used in continuation with Form "O")

Certificate No : BL - 065
Name : Moidul Gogoi
Identification Marks : Cut mark on (Rt) hand

1. Cardiological Assessment

Auscultate	S1	NORMAL
	S2	NORMAL
	Additional Sound	No murmur
Electrocardiograph (12 leads) finding		Normal / ~~Abnormal~~

Enclosed ECG

2 Neurological Assessment

Findings	
	Normal / ~~Abnormal~~
Superficail Reflexes	NORMAL
Deep Reflexes	NORMAL
Peripheral Circulation	NORMAL
Vibrational Syndromee	NIL

3. ILO Classification of Chest Radiograph :

Profusion pnonumoconiotic opacitiee	Grades	Types
Present / absant		

Enclosed Chest Radiograph

4 Audiometry Findings :

Conduction Type	Left Ear	Right Ear
Ear Cunduction	~~Normal~~ / Abnormal	~~Normal~~ / Abnormal
Bone Conduction	~~Normal~~ / Abnormal	~~Normal~~ / Abnormal

Enclosed Audiomatry Repor:

5 Pathological / Microbiological Investigations

Sl No.	Tests	Findings
1	Blood-Tc dc Hb Esr Platelets	~~WNL~~/Abnormal
2	Blood Suger - Fasting & PP	~~WNL~~/Abnormal
3	Lipid Profile	~~WNL~~/Abnormal
4	Blood Urea, Creatinine	~~WNL~~/Abnormal
5	Urine Routine	~~WNL~~/Abnormal
6	Stool Routine	~~WNL~~/Abnormal

Enclosed Audiomatry Report

6 Special tests for Mn exposure :

Behavioural Disturbances		Present / Not Present
Neurological Disturbances	Speech Defect	Present / Not Present
	Tremor	Present / Not Present
	Adiadocokinesia	Present / Not Present
	Emotional Charges	Present / Not Present

7 Any Other Special Test Required : NO

8 Result of Lung Function Test (Spirometry)

Parameters	Predicted Value	Performed Value	% of Predicted
Forced Vital Capacity (FEV)			
Forced Vital Capacity 1 (FEV1)		WNL	
FEV 1 / FVC			
Peak Expiratory Flow			

Signature of Examining Authority

Annexrue III

FORM - O

[See Rules 29-F (2) and 29(L)

REPORT OF MEDICAL EXAMINATION UNDER RULE 29-B

Certificate No. : BL/039/2023.

Certified that sri/Shrimoti employed as..... .....

in .....mine. Form D. No has been examined for an initial/ periodical* medical examination. He/She appears to be ..... 46 ..... years of age. The finding of the examining authority are given in the attached sheet it is considered that Shri/Shrimoti MUKUT DAS .....

*(a) Is medically fit for any employment in mines.

*(b) Is suffring from..... and is medically unit for

(i) any employment in mine or

(ii) any employment below ground; or

(iii) any employment or work .....

*(c) Is suffring from.....and should get this disability cured/ controlled and should be again examined within a period by ..... months.

*He/ She will appear for re-examination with the result of test of .....

*and the option of ..... specialist from.....

He/ She may be permitted/ Not permitted to carry on his duties this period.

Signature of Examining Authority

DR. D. PHUKAN

Name and Designation in Block Letters

Place :

Date : 20/10/2023

---

* Delet whatever not applicable.

* One copy of the certificate shall be handed over to the person concerned and another copy shall be sand to the manager of the mine concerned by registered post and the third copy be retained by the examining authority.

REPORT OF THE EXAMINING AUTHORITY

(To be filled for every medical examination whether initial or periodical or re-examination or after cure/ control of disability)

Annexure to certificate No. BL-027 ..... as a result medical examination..... Cut mark on Rt Knee .....

Identification Mark

Left Thumb impression of the Candidate
Good/ Fair/ Poof

1. General Development :
2. Height ..... 5'6" ..... Cms.
3. Weight..... 68 ..... Kg.
4. Eyes
   (i) Visual ..... distance vision (with or without glasses)
   Right Eye..... NORMAL .....
   Left Eye ..... NORMAL .....
   (ii) Any organic disease of eyes — NO
   (iii) Night Blindness — NO
   (iv) Sound — NO
   (*to be tested in special cases)
5. Ears
   (i) Hearing Right Ear ..... NORMAL ..... Left Ear..... NORMAL .....
   (ii) Any Organic Disease — NO
6. Respiratory System
   Chest Measurement
   (i) After full inspection ..... 99 .....Cms.
   (ii) After full examination..... 93 .....Cms.
7. Circulatory System
   Blood Presure — 140/80
   Pulse — 84/min
8. Abdomen — NAD
   Tenderness — NO
   Liver
   ..... NORMAL .....
   Tumour — NO
9. Nervous System — NAD
   History of fits or ..... NO .....
   Paralysis — NO
   Mental Health — Good
10. Locomotor System — NAD
11. Skin — NORMAL
12. Hernia — NO
13. Hydrocele — NO
14. Any other normality — NO
15. Urine
    Reaction
    Albumin / WNL
    Suger
16. Skiagram of Chest
17. Any other C test considered necessary by the examining authority.
18. Any opinion of specialist considered necessary.

Place

Signature of Examining Authority

Report of Medical Examination as per the recommendations of
National Safety Conferences in Miners
(To be used in continuation with Form "O")

Certificate No : BL-077
Name : Mukut Das
Identification Marks : Cut mark on (Rt) Knee

1. Cardiological Assessment

Auscultate	S1	NORMAL
	S2	NORMAL
	Additional Sound	No. mur. mm
Electrocardiograph (12 leads) finding		~~Normal / Abnormal~~

Enclosed ECG

2 Neurological Assessment

Findings	~~Normal / Abnormal~~
Superficail Reflexes	NORMAL
Deep Reflexes	NORMAL
Peripheral Circulation	NORMAL
Vibrational Syndromee	NO

3. ILO Classification of Chest Radiograph :

Profusion pnonumoconiotic opacitiee	Grades	Types
~~Present / absant~~		

Enclosed Chest Radiograph

4. Audiometry Findings :

Conduction Type	Left Ear	Right Ear
Ear Cunduction	~~Normal / Abnormal~~	~~Normal / Abnormal~~
Bone Conduction	~~Normal / Abnormal~~	~~Normal / Abnormal~~

Enclosed Audiomatry Report

5 Pathclogical / Microbiological Investigations :

Sl. No	Tests	Findings
1	Blood-Tc, dc, Hb, Esr, Platelets	~~WNL/Abnormal~~
2	Blood Suger - Fasting & PP	~~WNL/Abnormal~~
3	Lipid Profile	~~WNL/Abnormal~~
4	Blood Urea, Creatinine	~~WNL/Abnormal~~
5	Urine Routine	~~WNL/Abnormal~~
6	Stool Routine	~~WNL/Abnormal~~

Enclosed Audiomatry Report

6. Special tests for Mn exposure :

Behavioural Disturbances		Present / Not Present
Neurological Disturbances	Speech Defect	Present / Not Present
	Tremor	Present / Not Present
	Adiadocokinesia	Present / Not Present
	Emotional Charges	Present / Not Present

7 Any Other Special Test Required : NO

8. Result of Lung Function Test (Spirometry)

Parameters	Predicted Value	Performed Value	% of Predicted
Forced Vital Capacity (FEV)			
Forced Vital Capacity 1 (FEV1)		WNL	
FEV 1 / FVC			
Peak Expiratory Flow			

Signature of Examining Authority

STATUS OF COMPLIANCE OF EC CONDITIONS

Installation: GCS-HEBEDA VILLAGE

Period: 01.10.2023 – 31.03.2024

EC No: F. No J-11011/682/2008-I A II(I) Dated 17.06.2013

A. Specific Condition		
Sl No.	**EC Condition**	**Compliance status/ Remark**
i	Prior clearance under the Wildlife (Protection) Act, 1972, should be obtained from the Standing Committee of the National Board for Wildlife as the project is located within 10 Km distance of Eco sensitive areas (Dehing Patkai WLS, Bherjan-Borajan-Podumoni WLS and Dibru-Saikhowa National Park).	NBWL clearance received vide letter No. WL/FG-35/Standing Committee NBWL dated 09.10.2014 & copy enclosed.
ii	No facility shall be developed in forest land.	Complied
iii	Adequate buffer zone around the oil and gas facilities, as may be required as per OISD or other statutory requirements.	Complied
iv	The flare system shall be designed as per good oil field practices and Oil Industry Safety Directorate (OISD) guidelines. The company shall take necessary measures to prevent fire hazards and soil remediation as needed. At the place of ground flaring, the flare pit shall be lined with refractory bricks and efficient burning system. In case of overhead flare stacks, the stack height shall be provided as per the regulatory requirements and emissions from stacks shall meet the MOEF/CPCB guidelines.	Complied
v	Regular ambient air quality monitoring of PM_{10}, SO_2, NO_x, VOC_s and HC (Methane and Non-methane) shall be monitored and displayed at a convenient location near the main gate of the company and at important public places. The location and results of existing monitoring stations should be reviewed in consultation with the concerned State Pollution Control Board based on the occurrence of maximum 3 ground level concentration and downwind direction of wind. If required, additional stations should be set up. It will be ensured that at least one monitoring station is set up in up-wind & in down-wind direction along with those in other directions.	Complied. Latest Report of Ambient Air Quality along with VOC and HC Monitoring is enclosed.
vi	Regular monitoring of VOC and HC in the work zone area in the plant premises shall be carried and data be submitted to Ministry's Regional Office at Shillong, CPCB and Assam Pollution Control Board.	Complied. Latest Report of Ambient Air Quality along with VOC and HC Monitoring is enclosed.

		Online Fire & Gas Detection System is also installed in this station.
vii	Vapor recovery system shall be installed to prevent leakage of vapor from tank/ vessels / processing and filling areas to ensure no hydrocarbon vapors are released unchecked.	Complied
viii	Total fresh water requirement from ground water source shall not exceed 18 m^3/day per GCS, 17 m^3/day per FGS and around 15 m^3/day per CGGS & OTP and prior permission shall be obtained from the CGWA/SGWA.	Complied. Water consumption is within the prescribed limit.
ix	The company shall construct the garland drain all around the project site to prevent runoff of any oil containing waste into the nearby water bodies. Separate drainage system should be created for oil contaminated and non-oil contaminated streams. During rainy season, the storm water drains shall be connected to oil water separator and passed through guard pond. Water quality monitoring of guard pond shall be conducted	Complied
x	Produced water/wastewater separated during processing in GCSs/FGSs/CGGS shall be treated in efficient Effluent Treatment Plants and then routed to the nearby oil collecting station for injection into underground structures at depth between 1000m to 1500 m. Water quality of treated effluent shall conform to CPCB standards. No effluent shall be discharged outside the premises of facilities	The installation has an Effluent Treatment Plant to maintain treated water quality as per CPCB norms. No effluent is discharged outside the premises of the installation.
xi	Oil Industry Safety Directorate guidelines regarding safety against fire, spillage, pollution control etc. should be followed. Company shall ensure no oil spillage occur during loading / unloading of petroleum products.	Complied
xii	The project authorities should strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules 1989, as amended in 2000 and the Public Liability Insurance Act for handling of hazardous chemicals etc. All the hazardous waste should be properly treated and disposed off in accordance with the Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2008.	Complied
xiii	Necessary approvals from Chief Controller of Explosives must be obtained before commission of project. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented.	Complied DGMS approval available. On-site and Off-site Disaster Management Plans available and implemented.
xiv	The company shall obtain all requisite clearances for fire safety and explosives and should comply with the stipulation made by the respective authorities.	Complied

xv	All storage tanks should be provided with design features based on applicable OISD standards.	Complied
xvi	No change in the storage capacity and other facilities should be made without getting proper approval from the Ministry.	Complied
xvii	Fully automated tank farm management system (TFMS) will be provided for accounting of products & reconciliation.	Not Applicable No oil storage tank farm is present at site
xviii	Emergency Response Plan shall be based on the guidelines prepared by OISD, DGMS and Govt. of India. Mock drill shall be conducted once in a month.	Complied
xix	Bottom oil sludge should be handled, stored and disposed as per CPCB/ MoEF guidelines. An action plan in this regard including bioremediation should be submitted to the Ministry and its Regional Office at Shillong within 3 months of issue of the letter.	Secured, covered, impermeable sludge storage facility is already available
xx	Occupational health surveillance of worker should be done on a regular basis and records maintained as per the Factory Act.	Complied
xxi	Green belt should be developed in 33% of the plot area to mitigate the effect of fugitive emission all around the plant in consultation with DFO as per CPCB guidelines. Thick green belt around POL depot should be ensured.	Being complied. Green belt is being developed.
xxii	All the commitments made to the public during the Public Hearing/Public Consultation meeting held on 23rd August, 2011, 25th August, 2011 and 26th August, 2011 for the project shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Shillong.	Complied
xxiii	At least 5 % of the total cost of the project shall be earmarked towards corporate social responsibility and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office at Shillong. Implementation of such program shall be ensured accordingly in a time bound manner.	The CSR Policy of the company is already in place and the same is being implemented in time bound phased manner as per government directive.
xxiv	Company shall prepare operating manual in respect of all activities. It should cover all safety & environment related issues and system measures to be taken for protection. One set of environmental manuals shall be made available at the drilling site/ project site. Awareness should be created at each level of the management. All the schedules and results of environmental monitoring shall be available at the project site office.	Complied
xxv	Project proponent shall comply with the environment protection measures and safeguards recommended in the EIA/EMP/risk analysis report/disaster management plan.	Complied
xxvi	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, Safe drinking water,	Presently Not Applicable

	medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	

B. General Condition		
Sl No.	**EC Condition**	**Compliance status/ Remark**
i	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and any other statutory authority.	Complied
ii	No further expansion or modification in the project shall be carried out without prior approval of the Ministry of Environment & Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Will be complied
iii	The project authorities must strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 2000 as amended subsequently. Prior approvals from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire Safety Inspectorate etc. must be obtained, wherever applicable.	Complied
iv	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).	Complied
v	A separate Environmental Management Cell equipped with full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.	Being Complied
vi	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests 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.	Being Complied
vii	The Regional Office of this Ministry/Central Pollution Control Board/State Pollution Control Board will monitor the stipulated conditions. A six-monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.	Complied Monitored data enclosed.

viii	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad /Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Complied
ix	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF, the respective Zonal Office of CPCB and the PCB, Assam. The criteria pollutant levels namely; PM_{10}, SO_2, NO_x, CO, HC (Methane & Non-methane), VOC_s (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Complied Compliance status including monitored data is regularly uploaded in company's website and sent to concerned government authorities. Monitored data is also enclosed herewith.
x	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the PCB, Assam. The Regional Office of this Ministry / CPCB / MPPCB shall monitor the stipulated conditions.	Complied Monitored data enclosed.
xi	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.	Complied
xii	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 PCB, Assam and may also be seen at Website of the Ministry of Environment and Forests at http:/envfor.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 Regional office.	Complied Copy of newspaper advertisement forwarded with our Compliance Status Report submitted in April, 2014.

xiii	Project authorities shall inform the Regional office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work. Same shall be forwarded to the Regional office.	Complied Copy of newspaper advertisement forwarded with our Compliance Status Report submitted in April, 2014.

Ambient Air Quality Monitoring Report

Name & Address of the Customer	Report No. : MSK/2023-24/2263
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602	Report Date : 30.01.2024 Sample Description : Ambient Air Sample Number : MSKGL/ED/2023-24/12/00672 **Sampling Location G.C.S. HEBEDA GAON**
Ref. No.:W.O. NO.- 8125981 of Contract No. 6116895	GPS Reading : N 27°51'38", E 95°42'53"

Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
22.12.2023	25.12.2023	25.12.2023	01.01.2024

Enviromental Conditions During Sampling & Transport Condition :Temperature : 27°C, Rain fall : NO

Analysis Result

Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1.	Particulate Matter (PM_{10})	IS : 5182 (Part-23)-2006	(µg/m3)	73.7	100
2.	Particulate Matter ($PM_{2.5}$)	IS : 5182 (Part-24)	(µg/m3)	40.9	60
3.	Sulphur Dioxide (SO_2)	IS : 5182 (Part-2)-2001	(µg/m3)	7.7	80
4.	Nitrogen Dioxide (NO_2)	IS : 5182 (Part-6)-2006	(µg/m3)	23.5	80
5.	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m3)	0.78	2
6.	Ozone (O_3)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m3)	22.9	180
7.	Ammonia (NH_3)	IS 5182 (Part 25) : 2018	(µg/m3)	11.5	400
8.	Lead (Pb)	USEPA IO-3.4	(µg/m3)	<0.01	1
9.	Nickel (Ni)	USEPA IO-3.4	(ng/m3)	<5.0	20
10.	Arsenic (As)	USEPA IO-3.4	(ng/m3)	<1.0	6
11.	Benzene (C_6H_6)	IS 5182 : (Part 11) :2006	(µg/m3)	<4.2	5
12.	Benzo(a)Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m3)	<0.5	1
13.	Mercury (Hg)	USEPA IO-5.0	(µg/m3)	<0.002	...
14.	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	1.80	...
15.	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	...
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.80	...
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m3)	<4.2	...

Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality

Analyzed By:

Signature :
Name : Mr. Dipankar Mazumdar
Designation. : Executive Chemist

Prepared By:

Signature : Borah
Name : Miss Jyosmita Borah
Designation. : Office Assistant

Authorized Signatory
Mitra S.K. Private Limited

Signature :
Name : Mr. Rajib Roy
Designation : Branch Manager

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Mitra S. K. Private Limited

MSK TESTING • INSPECTION

STACK GAS MONITORING REPORT

Name & Address of the Customer	Report No.	: MSK/2023-24/2351
"M/s OIL INDIA LIMITED"	Report Date	: 29.04.2024
	Nature of Sample	: Stack Emission
Duliajan, Dibrugarh, Assam-786602	Sample Mark	: GCS HEBEDA GAON
	Sample Number	: MSKGL/ED/2024-25/04/01116

Ref. No :W.O. NO.- 8125981 of Contract No. 6116895

Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
19.01.2024	22.01.2024	22.01.2024	29.01.2024

ANALYSIS RESULT

A.	**General information about stack :**	: DRENCHING PUMP-2
1.	Stack connected to	: WATER TANK
2.	Emission due to	: HSD
3.	Material of construction of Stack	: MS
4.	Shape of Stack	: Circular
5.	Whether stack is provided with permanent platform & ladder	: Yes
6.	DG capacity	: 190 HP
B.	**Physical characteristics of stack :**	
1.	Height of the stack from ground level	: 3.048 m
2.	Diameter of the stack at sampling point	: 0.203 m
3.	Area of Stack	: 0.00810 m2
C.	**Analysis/Characteristic of stack:** 1. Fuel used : HSD	

D.	Result of sampling & analysis of gaseous emission	Result	Limit as per CPCB	Method
1.	Temperature of emission (°C)	131	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	762.0	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	18.83	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm3/hr)	403	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.6	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide (g/kW-hr)	0.147	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.4	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm3)	22.9	...	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr)	0.250	≤ 4.7	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Lead (mg/Nm3)	<0.005	...	USEPA-29, 25/06/1996
11.	Concentration of Particulate matter (g/kW-hr)	0.092	≤ 0.3	USEPA Part-17, 16/08/1996

E. **Pollution control device :** Details of pollution control devices attached with the stack : Nil

Remarks:Nil

Analyzed By:

Signature :
Name : Mr. Dipankar Mazumdar
Designation. : Executive Chemist

Prepared By:

Signature :
Name : Mr.Gaurav Gogoi
Designation. : Office Assistant

Authorized Signatory
For Mitra S.K. Private Limited

Signature :
Name : Mr. Tajib Roy
Designation : Branch Manager

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Head Office: Shrachi Centre (5th floor), 74B, A.J.C. Bose Road, Kolkata - 700 016. West Bengal, India.
Tel. : 91 33 40143000 / 22650006 / 22650007 Fax : 91 33 22650008
Email : info@mitrask.com. Website: www.mitrask.com

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MSK TESTING • INSPECTION

STACK GAS MONITORING REPORT

Name & Address of the Customer	Report No.	: MSK/2023-24/2352
"M/s OIL INDIA LIMITED"	Report Date	: 29.04.2024
	Nature of Sample	: Stack Emission
Duliajan, Dibrugarh, Assam-786602	Sample Mark	: GCS HEBEDA GAON
	Sample Number	: MSKGL/ED/2024-25/04/01117

Ref. No.:W.O. NO.- 8125981 of Contract No. 6116895

Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
19.01.2024	22.01.2024	22.01.2024	29.01.2024

ANALYSIS RESULT

A.	General information about stack :	: DRENCHING PUMP-3
1.	Stack connected to	: WATER TANK
2.	Emission due to	: HSD
3.	Material of construction of Stack	: MS
4.	Shape of Stack	: Circular
5.	Whether stack is provided with permanent platform & ladder	: Yes
6.	DG capacity	: 190 HP
B.	Physical characteristics of stack :	
1.	Height of the stack from ground level	: 3.048 m
2.	Diameter of the stack at sampling point	: 0.203 m
3.	Area of Stack	: 0.00810 m2
C.	Analysis/Characteristic of stack: 1. Fuel used : HSD	

D.	Result of sampling & analysis of gaseous emission	Result	Limit as per CPCB	Method
1.	Temperature of emission (°C)	128	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	762.0	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	19.16	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm3/hr)	413	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.4	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide (g/kW-hr)	0.154	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.6	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm3)	23.9	...	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr)	0.261	≤ 4.7	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Lead (mg/Nm3)	<0.005	...	USEPA-29, 25/06/1996
11.	Concentration of Particulate matter (g/kW-hr)	0.098	≤ 0.3	USEPA Part-17, 16/08/1996

E. **Pollution control device :**
Details of pollution control devices attached with the stack : Nil

Remarks:Nil

Analyzed By:
Signature :
Name : Mr. Dipankar Mazumdar
Designation. : Executive Chemist

Prepared By:
Signature :
Name : Mr.Gaurav Gogoi
Designation. : Office Assistant

Authorized Signatory
For Mitra S.K. Private Limited
Signature :
Name : Mr. Rajib Roy
Designation : Branch Manager

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Email : info@mitrask.com. Website: www.mitrask.com

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STACK GAS MONITORING REPORT

Name & Address of the Customer	Report No.	: MSK/2023-24/2353
"M/s OIL INDIA LIMITED"	Report Date	: 29.04.2024
	Nature of Sample	: Stack Emission
Duliajan, Dibrugarh, Assam-786602	Sample Mark	: GCS HEBEDA GAON
	Sample Number	: MSKGL/ED/2024-25/04/01118

Ref. No.:W.O. NO.- 8125981 of Contract No. 6116895

Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
19.01.2024	22.01.2024	22.01.2024	29.01.2024

ANALYSIS RESULT

A.	General information about stack :	: GEG-1
1.	Stack connected to	: NIL
2.	Emission due to	: NG
3.	Material of construction of Stack	: MS
4.	Shape of Stack	: Circular
5.	Whether stack is provided with permanent platform & ladder	: Yes
6.	DG capacity	: 803 KW
B.	Physical characteristics of stack :	
1.	Height of the stack from ground level	: 3.048 m
2.	Diameter of the stack at sampling point	: 0.203 m
3.	Area of Stack	: 0.00810 m2
C.	Analysis/Characteristic of stack: 1. Fuel used : NG	

D.	Result of sampling & analysis of gaseous emission	Result	Limit as per CPCB	Method
1.	Temperature of emission (°C)	161	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	762.0	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	20.91	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm3/hr)	416	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.8	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide (mg/Nm3)	21.9	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	6.2	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm3)	26.6	...	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide & Hydrocarbons (mg/Nm3)	74.4	≤ 4.7	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09.1996
10.	Concentration of Lead (mg/Nm3)	<0.005	...	USEPA-29, 25/06/1996
11.	Concentration of Particulate matter (mg/Nm3)	32.5	≤ 0.3	USEPA Part-17, 16/08/1996

E. **Pollution control device** :
Details of pollution control devices attached with the stack : Nil

Remarks:Nil

Analyzed By:
Signature :
Name : Mr. Dipankar Mazumdar
Designation. : Executive Chemist

Prepared By:
Signature :
Name : Mr.Gaurav Gogoi
Designation. : Office Assistant

Authorized Signatory
For Mitra S.K. Private Limited
Signature :
Name : Mr. Rajib Roy
Designation : Branch Manager

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MSK TESTING • INSPECTION

STACK GAS MONITORING REPORT

Name & Address of the Customer	Report No.	: MSK/2023-24/2354
"M/s OIL INDIA LIMITED"	Report Date	: 29.04.2024
	Nature of Sample	: Stack Emission
Duliajan, Dibrugarh, Assam-786602	Sample Mark	: GCS HEBEDA GAON
	Sample Number	: MSKGL/ED/2024-25/04/01119

Ref. No.:W.O. NO.- 8125981 of Contract No. 6116895

Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
19.01.2024	22.01.2024	22.01.2024	29.01.2024

ANALYSIS RESULT

A.	General information about stack :	: GEG-2
1.	Stack connected to	: NIL
2.	Emission due to	: NG
3.	Material of construction of Stack	: MS
4.	Shape of Stack	: Circular
5.	Whether stack is provided with permanent platform & ladder	: Yes
6.	DG capacity	: 803 KW
B.	Physical characteristics of stack :	
1.	Height of the stack from ground level	: 3.048 m
2.	Diameter of the stack at sampling point	: 0.203 m
3.	Area of Stack	: 0.00810 m2
C.	Analysis/Characteristic of stack: 1. Fuel used : NG	

D.	Result of sampling & analysis of gaseous emission	Result	Limit as per CPCB	Method
1.	Temperature of emission (°C)	168	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	762.0	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	20.03	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm3/hr)	392	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.6	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide (mg/Nm3)	21.9	≤ 3.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	6.2	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm3)	26.6	...	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide & Hydrocarbons (mg/Nm3)	74.4	≤ 4.7	USEPA Part-7, 12/03/1996 & USEPA 18 -25.09 1996
10.	Concentration of Lead (mg/Nm3)	<0.005	...	USEPA-29, 25/06/1996
11.	Concentration of Particulate matter (mg/Nm3)	32.5	≤ 0.3	USEPA Part-17, 16/08/1996

E. **Pollution control device :** Details of pollution control devices attached with the stack : Nil

Remarks:Nil

Analyzed By:
Signature :
Name : Mr. Dipankar Mazumdar
Designation. : Executive Chemist

Prepared By:
Signature :
Name : Mr.Gaurav Gogoi
Designation. : Office Assistant

Authorized Signatory
For Mitra S.K. Private Limited
Signature :
Name : Mr. Rajib Roy
Designation : Branch Manager

- *The results relate only to the item(s) tested.*
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- *Our Lab is Approved by NABL & MOEF, Lab Address :P-48 Udayan Industrial Estate,3 Pagladanga Road Kol-700015*

Head Office: Shrachi Centre (5th floor), 74B, A.J.C. Bose Road, Kolkata - 700 016. West Bengal, India.
Tel. : 91 33 40143000 / 22650006 / 22650007 Fax : 91 33 22650008
Email : info@mitrask.com. Website: www.mitrask.com

STATUS OF COMPLIANCE OF EC CONDITIONS

Installation: GCS-TENGAKHAT

Period: 01/10/2023-31/03/2024

EC No: F. No J-11011/682/2008-I A II(I) Dated 17.06.2013

A. Specific Condition		
Sl No.	**EC Condition**	**Compliance status/ Remark**
i	Prior clearance under the Wildlife (Protection) Act, 1972, should be obtained from the Standing Committee of the National Board for Wildlife as the project is located within 10 Km distance of Eco sensitive areas (Dehing Patkai WLS, Bherjan-Borajan-Podumoni WLS and Dibru-Saikhowa National Park).	NBWL clearance received vide letter No. WL/FG-35/Standing Committee NBWL dated 09.10.2014 & copy enclosed.
ii	No facility shall be developed in forest land.	Complied
iii	Adequate buffer zone around the oil and gas facilities, as may be required as per OISD or other statutory requirements.	Complied
iv	The flare system shall be designed as per good oil field practices and Oil Industry Safety Directorate (OISD) guidelines. The company shall take necessary measures to prevent fire hazards and soil remediation as needed. At the place of ground flaring, the flare pit shall be lined with refractory bricks and efficient burning system. In case of overhead flare stacks, the stack height shall be provided as per the regulatory requirements and emissions from stacks shall meet the MOEF/CPCB guidelines.	Complied. Common flare is used for OCS-Tengakhat and GCS-Tengakhat
v	Regular ambient air quality monitoring of PM_{10}, SO_2, NO_x, VOC_s and HC (Methane and Non-methane) shall be monitored and displayed at a convenient location near the main gate of the company and at important public places. The location and results of existing monitoring stations should be reviewed in consultation with the concerned State Pollution Control Board based on the occurrence of maximum 3 ground level concentration and downwind direction of wind. If required, additional stations should be set up. It will be ensured that at least one monitoring station is set up in up-wind & in down-wind direction along with those in other directions.	Complied. Latest Report of Ambient Air Quality along with VOC and HC Monitoring is enclosed.
vi	Regular monitoring of VOC and HC in the work zone area in the plant premises shall be carried and data be submitted to Ministry's Regional Office at Shillong, CPCB and Assam Pollution Control Board.	Complied. Latest Report of Ambient Air Quality along with VOC and HC Monitoring is enclosed.

vii	Vapor recovery system shall be installed to prevent leakage of vapor from tank/ vessels / processing and filling areas to ensure no hydrocarbon vapors are released unchecked.	Not Applicable No hydrocarbon storage facility planned.
viii	Total fresh water requirement from ground water source shall not exceed 18 m^3/day per GCS, 17 m^3/day per FGS and around 15 m^3/day per CGGS & OTP and prior permission shall be obtained from the CGWA/SGWA.	Complied. Water consumption is within the prescribed limit.
ix	The company shall construct the garland drain all around the project site to prevent runoff of any oil containing waste into the nearby water bodies. Separate drainage system should be created for oil contaminated and non-oil contaminated streams. During rainy season, the storm water drains shall be connected to oil water separator and passed through guard pond. Water quality monitoring of guard pond shall be conducted	Complied
x	Produced water/wastewater separated during processing in GCSs/FGSs/CGGS shall be treated in efficient Effluent Treatment Plants and then routed to the nearby oil collecting station for injection into underground structures at depth between 1000m to 1500 m. Water quality of treated effluent shall conform to CPCB standards. No effluent shall be discharged outside the premises of facilities	Being complied. Construction of ETP at Tengakhat is in progress where the produced water will be treated to the desired level and then reused for internal purpose.
xi	Oil Industry Safety Directorate guidelines regarding safety against fire, spillage, pollution control etc. should be followed. Company shall ensure no oil spillage occur during loading / unloading of petroleum products.	Complied
xii	The project authorities should strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules 1989, as amended in 2000 and the Public Liability Insurance Act for handling of hazardous chemicals etc. All the hazardous waste should be properly treated and disposed off in accordance with the Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2008.	Complied
xiii	Necessary approvals from Chief Controller of Explosives must be obtained before commission of project. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented.	Complied DGMS approval available. On-site and Off-site Disaster Management Plans available and implemented.
xiv	The company shall obtain all requisite clearances for fire safety and explosives and should comply with the stipulation made by the respective authorities.	Complied
xv	All storage tanks should be provided with design features based on applicable OISD standards.	Not Applicable. No storage tank planned.

xvi	No change in the storage capacity and other facilities should be made without getting proper approval from the Ministry.	Will be complied
xvii	Fully automated tank farm management system (TFMS) will be provided for accounting of products & reconciliation.	Not Applicable Tank farm will not be constructed.
xviii	Emergency Response Plan shall be based on the guidelines prepared by OISD, DGMS and Govt. of India. Mock drill shall be conducted once in a month.	Complied
xix	Bottom oil sludge should be handled, stored and disposed as per CPCB/ MoEF guidelines. An action plan in this regard including bioremediation should be submitted to the Ministry and its Regional Office at Shillong within 3 months of issue of the letter.	Not Applicable. No tank installation is planned.
xx	Occupational health surveillance of worker should be done on a regular basis and records maintained as per the Factory Act.	Complied
xxi	Green belt should be developed in 33% of the plot area to mitigate the effect of fugitive emission all around the plant in consultation with DFO as per CPCB guidelines. Thick green belt around POL depot should be ensured.	Being complied.
xxii	All the commitments made to the public during the Public Hearing/Public Consultation meeting held on 23rd August, 2011, 25th August, 2011 and 26th August, 2011 for the project shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Shillong.	Complied
xxiii	At least 5 % of the total cost of the project shall be earmarked towards corporate social responsibility and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office at Shillong. Implementation of such program shall be ensured accordingly in a time bound manner.	The CSR Policy of the company is already in place and the same is being implemented in time bound phased manner as per government directive.
xxiv	Company shall prepare operating manual in respect of all activities. It should cover all safety & environment related issues and system measures to be taken for protection. One set of environmental manuals shall be made available at the drilling site/ project site. Awareness should be created at each level of the management. All the schedules and results of environmental monitoring shall be available at the project site office.	Complied
xxv	Project proponent shall comply with the environment protection measures and safeguards recommended in the EIA/EMP/risk analysis report/disaster management plan.	Complied
xxvi	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, Safe drinking water, medical health care, crèche etc. The housing may be in the form	Presently Not Applicable

	of temporary structures to be removed after the completion of the project.	

B. General Condition		
Sl No.	**EC Condition**	**Compliance status/ Remark**
i	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and any other statutory authority.	Complied
ii	No further expansion or modification in the project shall be carried out without prior approval of the Ministry of Environment & Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Will be complied
iii	The project authorities must strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 2000 as amended subsequently. Prior approvals from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire Safety Inspectorate etc. must be obtained, wherever applicable.	Complied
iv	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).	Complied
v	A separate Environmental Management Cell equipped with full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.	Being Complied
vi	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests 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.	Being Complied
vii	The Regional Office of this Ministry/Central Pollution Control Board/State Pollution Control Board will monitor the stipulated conditions. A six-monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.	Complied Monitored data enclosed.

viii	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad /Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Complied
ix	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF, the respective Zonal Office of CPCB and the PCB, Assam. The criteria pollutant levels namely; PM_{10}, SO_2, NO_x, CO, HC (Methane & Non-methane), VOC_s (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Complied Compliance status including monitored data is regularly uploaded in company's website and sent to concerned government authorities. Monitored data is also enclosed herewith.
x	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the PCB, Assam. The Regional Office of this Ministry / CPCB / MPPCB shall monitor the stipulated conditions.	Complied Monitored data enclosed.
xi	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.	Complied
xii	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 PCB, Assam and may also be seen at Website of the Ministry of Environment and Forests at http:/envfor.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 Regional office.	Complied Copy of newspaper advertisement forwarded with our Compliance Status Report submitted in April, 2014.
xiii	Project authorities shall inform the Regional office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of	Complied Copy of newspaper advertisement forwarded with our Compliance Status

	commencing the land development work. Same shall be forwarded to the Regional office.	Report submitted in April, 2014.

Mitra S. K. Private Limited

MSK TESTING • INSPECTION

Ambient Air Quality Monitoring Report

Name & Address of the Customer :	Report No. : MSK/2023-24/2526
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602	Report Date : 28.02.2024 Sample Description : Ambient Air Sample Number : MSKGL/ED/2023-24/02/00434 **Sampling Location : GCS TENGAKHAT**
Ref. No.:W.O. NO.- 8125981 of Contract No. 6116895	GPS Reading : N 27°51'38", E 95°42'53"

Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
19.01.24	22.01.24	22.01.24	29.01.24

Enviromental Conditions During Sampling & Transport Condition :Temperature : 22°C, Rain fall : NO

Analysis Result

Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1.	Particulate Matter (PM_{10})	IS : 5182 (Part-23)-2006	(µg/m3)	66.8	100
2.	Particulate Matter ($PM_{2.5}$)	IS : 5182 (Part-24)	(µg/m3)	41.8	60
3.	Sulphur Dioxide (SO_2)	IS : 5182 (Part-2)-2001	(µg/m3)	7.5	80
4.	Nitrogen Dioxide (NO_2)	IS : 5182 (Part-6)-2006	(µg/m3)	20.7	80
5.	Carbon Monoxide (CO)	IS 5182 : (Part-10) 1999	(mg/m3)	0.74	2
6.	Ozone (O_3)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m3)	<20.0	180
7.	Ammonia (NH_3)	IS 5182 (Part 25) : 2018	(µg/m3)	<10.0	400
8.	Lead (Pb)	USEPA IO-3.4	(µg/m3)	<0.01	1
9.	Nickel (Ni)	USEPA IO-3.4	(ng/m3)	<5.0	20
10.	Arsenic (As)	USEPA IO-3.4	(ng/m3)	<1.0	6
11.	Benzene (C_6H_6)	IS 5182 : (Part 11) 2006	(µg/m3)	<4.2	5
12.	Benzo(a)Pyrene (BaP)	IS 5182 (Part 12) 2004	(ng/m3)	<0.5	1
13.	Mercury (Hg)	USEPA IO-5.0	(µg/m3)	<0.002	...
14.	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	1.80	...
15.	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	...
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.80	...
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m3)	<4.2	...

Limit as per CPCB notification, New Delhi, 18th Nov, 2009 for Ambient air quality

Analyzed By:

Signature :
Name : Mr. Dipankar Mazumdar
Designation. : Executive Chemist

Prepared By:

Signature :
Name : Miss Jyosmita Borah
Designation. : Office Assistant

Authorized Signatory
Mitra S.K. Private Limited

Signature :
Name : Mr. Rajib Roy
Designation : Branch Manager

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Ambient Air Quality Monitoring Report

Name & Address of the Customer :		Report No. : MSK/2023-24/2240	
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602		Report Date : 30.01.2024 Sample Description : Ambient Air Sample Number : MSKGL/ED/2023-24/01/00133 **Sampling Location : GCS TENGAKHAT**	
Ref. No.:W.O. NO.- 8125981 of Contract No. 6116895		GPS Reading : N 27°51'38", E 95°42'53"	
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
18.12.2023	21.12.2023	21.12.2023	28.12.2023

Enviromental Conditions During Sampling & Transport Condition :Temperature : 22°C, Rain fall : NO

Analysis Result

Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1	Particulate Matter (PM_{10})	IS : 5182 (Part-23)-2006	(µg/m3)	59.6	100
2	Particulate Matter ($PM_{2.5}$)	IS : 5182 (Part-24)	(µg/m3)	33.1	60
3	Sulphur Dioxide (SO_2)	IS : 5182 (Part-2)-2001	(µg/m3)	<6.0	80
4	Nitrogen Dioxide (NO_2)	IS : 5182 (Part-6)-2006	(µg/m3)	15.8	80
5	Carbon Monoxide (CO)	IS 5182 : (Part-10) 1999	(mg/m3)	0.62	2
6	Ozone (O_3)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m3)	<20.0	180
7	Ammonia (NH_3)	IS 5182 (Part 25) : 2018	(µg/m3)	<10.0	400
8	Lead (Pb)	USEPA IO-3.4	(µg/m3)	<0.01	1
9	Nickel (Ni)	USEPA IO-3.4	(ng/m3)	<5.0	20
10	Arsenic (As)	USEPA IO-3.4	(ng/m3)	<1.0	6
11	Benzene (C_6H_6)	IS 5182 : (Part 11) :2006	(µg/m3)	<4.2	5
12	Benzo(a)Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m3)	<0.5	1
13	Mercury (Hg)	USEPA IO-5.0	(µg/m3)	<0.002	...
14	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	1.80	...
15	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	...
16	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.80	
17	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m3)	<4.2	

Limit as per CPCB notification, New Delhi, 18th Nov, 2009, for Ambient air quality

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Ambient Air Quality Monitoring Report

Name & Address of the Customer :		**Report No. : MSK/2023-24/2067**	
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602		Report Date : 30.12.2023	
		Sample Description : Ambient Air	
		Sample Number : MSKGL/ED/2023-24/12/00563	
		Sampling Location : GCS TENGAKHAT	
Ref. No.:W.O. NO.- 8125981 of Contract No. 6116895		GPS Reading : N 27°51'38", E 95°42'53"	
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
16.11.2023	19.11.2023	19.11.2023	26.11.2023

Enviromental Conditions During Sampling & Transport Condition :Temperature : 27°C, Rain fall : NO

Analysis Result

Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1	Particulate Matter (PM_{10})	IS : 5182 (Part-23)-2006	(µg/m3)	74.6	100
2	Particulate Matter ($PM_{2.5}$)	IS : 5182 (Part-24)	(µg/m3)	46.6	60
3	Sulphur Dioxide (SO_2)	IS : 5182 (Part-2)-2001	(µg/m3)	8.0	80
4	Nitrogen Dioxide (NO_2)	IS : 5182 (Part-6)-2006	(µg/m3)	24.2	80
5	Carbon Monoxide (CO)	IS 5182 : (Part-10) 1999	(mg/m3)	0.66	2
6	Ozone (O_3)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m3)	23.5	180
7	Ammonia (NH_3)	IS 5182 (Part 25) 2018	(µg/m3)	11.8	400
8	Lead (Pb)	USEPA IO-3.4	(µg/m3)	<0.01	1
9	Nickel (Ni)	USEPA IO-3.4	(ng/m3)	<5.0	20
10	Arsenic (As)	USEPA IO-3.4	(ng/m3)	<1.0	6
11	Benzene (C_6H_6)	IS 5182 : (Part 11) :2006	(µg/m3)	<4.2	5
12	Benzo(a)Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m3)	<0.5	1
13	Mercury (Hg)	USEPA IO-5.0	(µg/m3)	<0.002	...
14	Methane (Hydrocarbon)	IS 5182 (Part 17)	ppm	1.80	...
15	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	...
16	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.80	...
17	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m3)	<4.2	...

Limit as per CPCB notification, New Delhi, 18th Nov. 2009 for Ambient air quality

Analyzed By:

Signature :
Name : Mr. Dipankar Mazumdar
Designation. : Executive Chemist

Prepared By:

Signature :
Name : Miss Neeha Sarmah
Designation. : Office Assistant

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Approved by
Uttam Prodhan
Suptdg. Research Scientist, R&D Dept.,
Oil India Ltd., Duliajan, Assam

Ambient Air Quality Monitoring Report

Name & Address of the Customer		Report No. : MSK/2023-24/1917	
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602		Report Date : 30.11.2023 Sample Description : Ambient Air Sample Number : MSKGL/ED/2023-24/11/00555 **Sampling Location : GCS TENGAKHAT**	
Ref. No :W.O NO.- 8125981 of Contract No 6116895		GPS Reading : N 27°51'38", E 95°42'53"	
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
16.10.2023	19.10.2023	19.10.2023	26.10.2023

Enviromental Conditions During Sampling & Transport Condition : Temperature : 31°C, Rain fall : NO

Analysis Result

Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1	Particulate Matter (PM_{10})	IS : 5182 (Part-23)-2006	(µg/m3)	60.5	100
2	Particulate Matter ($PM_{2.5}$)	IS : 5182 (Part-24)	(µg/m3)	35.6	60
3	Sulphur Dioxide (SO_2)	IS : 5182 (Part-2)-2001	(µg/m3)	6.5	80
4	Nitrogen Dioxide (NO_2)	IS : 5182 (Part-6)-2006	(µg/m3)	20.8	80
5	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m3)	0.62	2
6	Ozone (O_3)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m3)	<20.0	180
7	Ammonia (NH_3)	IS 5182 (Part 25) : 2018	(µg/m3)	<10.0	400
8	Lead (Pb)	USEPA IO-3.4	(µg/m3)	<0.01	1
9	Nickel (Ni)	USEPA IO-3.4	(ng/m3)	<5.0	20
10	Arsenic (As)	USEPA IO-3.4	(ng/m3)	<1.0	6
11	Benzene (C_6H_6)	IS 5182 : (Part 11) :2006	(µg/m3)	<4.2	5
12	Benzo(a)Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m3)	<0.5	1
13	Mercury (Hg)	USEPA IO-5.0	(µg/m3)	<0.002	
14	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	1.80	
15	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	
16	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.80	
17	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m3)	<4.2	

Limit as per CPCB notification, New Delhi, 18th Nov. 2009, for Ambient air quality

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Approved by
Uttam Prodhan
Suptdg. Research Scientist, R&D Dept.,
Oil India Ltd., Duliajan, Assam

STACK GAS MONITORING REPORT

Name & Address of the Customer		
"M/s OIL INDIA LIMITED" Duliajan, Dibrugarh, Assam-786602	Report No.	: **MSK/2023-24/2598**
	Report Date	: 28.02.2024
	Nature of Sample	: Stack Emission
	Sample Mark	: **GCS TENGAKHAT**
	Sample Number	: **MSKGL/ED/2023-24/01/00642**

Ref. No. W.O. NO.- 8125981 of Contract No. 6116895

Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
20.01.2024	23.01.2024	23.01.2024	30.01.2024

ANALYSIS RESULT

A.	**General information about stack :**	**: GB-1**
1.	Stack connected to	: GAS COMPRESSOR
2.	Emission due to	: NG
3.	Material of construction of Stack	: MS
4.	Shape of Stack	: Circular
5.	Whether stack is provided with permanent platform & ladder	: Yes
6.	DG capacity	**: N/A**
B.	**Physical characteristics of stack :**	
1.	Height of the stack from ground level	: 4.572 m
2.	Diameter of the stack at sampling point	: 3.658 m
3.	Area of Stack	: 0.03241m2
C.	**Analysis/Characteristic of stack:** 1. Fuel used : NG	

D.	**Result of sampling & analysis of gaseous emission**	**Result**	**Limit as per CPCB**	**Method**
1.	Temperature of emission (°C)	213	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	762.0	...	USEPA Part 2, 25 09 1996
3.	Velocity of gas (m/sec.)	24.88	...	USEPA Part 2, 25 09 1996
4.	Quantity of Gas Flow (Nm3/hr)	1771	...	USEPA Part 2, 25 09 1996
5.	Concentration of Oxygen (%v/v)	13.8	...	IS:13270 :1992 Reaff. 2014
6.	Concentration of Carbon Monoxide (mg/Nm3)	19.3	**150**	IS:13270 :1992 Reaff. 2014
7.	Concentration of Carbon Dioxide (%v/v)	6.2	...	IS:13270 :1992 Reaff. 2014
8.	Concentration of Sulphur Dioxide (mg/Nm3)	21.5	...	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide (ppmv)	72.8	**360**	USEPA Part-6, 25/09/1996
10.	Concentration of Lead (mg/Nm3)	<0.005	...	USEPA-29, 25/06/1996
11.	Concentration of Particulate matter (mg/Nm3)	32.8	**75**	USEPA Part-17, 16/08/1996
12.	Concentration of Hydrocarbons (ppm)	<0.0003	**100**	USEPA 18 -25.09.1996
E.	**Pollution control device :** Details of pollution control devices attached with the stack : Nil			**Remarks**:Nil

Analyzed By:

Signature :
Name : Mr. Dipankar Mazumdar
Designation. : Executive Chemist

Prepared By:

Signature :
Name : Miss Jyosmita Borah
Designation. : Office Assistant

Authorized Signatory
For Mitra S.K. Private Limited

Signature :
Name : Mr. Rajib Roy
Designation : Branch Manager

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Mitra S. K. Private Limited

MSK TESTING • INSPECTION

STACK GAS MONITORING REPORT

Name & Address of the Customer		
"M/s OIL INDIA LIMITED" Duliajan. Dibrugarh, Assam-786602	Report No.	: MSK/2023-24/2599
	Report Date	: 28.02.2024
	Nature of Sample	: Stack Emission
	Sample Mark	: GCS TENGAKHAT
	Sample Number	: MSKGL/ED/2023-24/01/00643

Ref. No :W.O. NO.- 8125981 of Contract No. 6116895

Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
20.01.2024	23.01.2024	23.01.2024	30.01.2024

ANALYSIS RESULT

A.	**General information about stack :**	: GB-2		
1.	Stack connected to	: GAS COMPRESSOR		
2.	Emission due to	: NG		
3.	Material of construction of Stack	: MS		
4.	Shape of Stack	: Circular		
5.	Whether stack is provided with permanent platform & ladder	: Yes		
6.	DG capacity	: N/A		
B.	**Physical characteristics of stack :**			
1.	Height of the stack from ground level	: 4.572 m		
2.	Diameter of the stack at sampling point	: 3.658 m		
3.	Area of Stack	: 0.03241m2		
C.	**Analysis/Characteristic of stack:** 1. Fuel used : NG			
D.	**Result of sampling & analysis of gaseous emission**	**Result**	**Limit as per CPCB**	**Method**
1.	Temperature of emission (°C)	197	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	762.0	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	24.88	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm3/hr)	1771	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.8	...	IS 13270 :1992 Reaff. 2014
6.	Concentration of Carbon Monoxide (mg/Nm3)	19.3	150	IS 13270 :1992 Reaff. 2014
7.	Concentration of Carbon Dioxide (%v/v)	6.2	...	IS:13270 :1992 Reaff. 2014
8.	Concentration of Sulphur Dioxide (mg/Nm3)	21.5	...	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide (ppmv)	72.8	360	USEPA Part-6, 25/09/1996
10.	Concentration of Lead (mg/Nm3)	<0.005	...	USEPA-29, 25/06/1996
11.	Concentration of Particulate matter (mg/Nm3)	32.8	75	USEPA Part-17, 16/08/1996
12.	Concentration of Hydrocarbons (ppm)	<0.0003	100	USEPA 18 -25.09.1996
E.	**Pollution control device :** Details of pollution control devices attached with the stack : Nil		**Remarks**: Nil	

Analyzed By:

Signature :
Name : Mr. Dipankar Mazumdar
Designation. : Executive Chemist

Prepared By:

Signature : Borah
Name : Miss Jyosmita Borah
Designation. : Office Assistant

Authorized Signatory
For Mitra S.K. Private Limited

Signature :
Name : Mr. Rajib Roy
Designation : Branch Manager

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Head Office: Shrachi Centre (5th floor), 74B, A.J.C. Bose Road, Kolkata - 700 016. West Bengal, India.
Tel. : 91 33 40143000 / 22650006 / 22650007 Fax : 91 33 22650008
Email : info@mitrask.com. Website: www.mitrask.com

STACK GAS MONITORING REPORT

Name & Address of the Customer			
"M/s OIL INDIA LIMITED" Duliajan, Dibrugarh, Assam-786602	Report No.	: MSK/2023-24/2600	
	Report Date	: 28.02.2024	
	Nature of Sample	: Stack Emission	
	Sample Mark	: GCS TENGAKHAT	
	Sample Number	: MSKGL/ED/2023-24/01/00644	
Ref. No. W.O. NO.- 8125981 of Contract No. 6116895			
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
20.01.2024	23.01.2024	23.01.2024	30.01.2024

ANALYSIS RESULT

A.	General information about stack :	: GL-2		
1.	Stack connected to	: GAS COMPRESSOR		
2.	Emission due to	: NG		
3.	Material of construction of Stack	: MS		
4.	Shape of Stack	: Circular		
5.	Whether stack is provided with permanent platform & ladder	: Yes		
6.	DG capacity	: N/A		
B.	Physical characteristics of stack :			
1.	Height of the stack from ground level	: 4.572 m		
2.	Diameter of the stack at sampling point	: 3.658 m		
3.	Area of Stack	: 0.03241m2		
C.	Analysis/Characteristic of stack: I. Fuel used : NG			
D.	Result of sampling & analysis of gaseous emission	Result	Limit as per CPCB	Method
1.	Temperature of emission (°C)	206	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	762.0	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	24.88	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm3/hr)	1771	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.8	...	IS:13270 :1992 Reaff. 2014
6.	Concentration of Carbon Monoxide (mg/Nm3)	19.3	150	IS:13270 :1992 Reaff. 2014
7.	Concentration of Carbon Dioxide (%v/v)	6.2	...	IS:13270 :1992 Reaff. 2014
8.	Concentration of Sulphur Dioxide (mg/Nm3)	21.5	...	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide (ppmv)	72.8	360	USEPA Part-6, 25/09/1996
10.	Concentration of Lead (mg/Nm3)	<0.005	...	USEPA-29, 25/06/1996
11.	Concentration of Particulate matter (mg/Nm3)	32.8	75	USEPA Part-17, 16/08/1996
12.	Concentration of Hydrocarbons (ppm)	<0.0003	100	USEPA 18 -25.09.1996
E.	Pollution control device : Details of pollution control devices attached with the stack : Nil			Remarks: Nil

Analyzed By:

Signature :
Name : Mr. Dipankar Mazumdar
Designation. : Executive Chemist

Prepared By:

Signature :
Name : Miss Jyosmita Borah
Designation. : Office Assistant

Authorized Signatory
For Mitra S.K. Private Limited

Signature :
Name : Mr. Rajib Roy
Designation : Branch Manager

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Mitra S. K. Private Limited

MSK TESTING • INSPECTION

STACK GAS MONITORING REPORT

Name & Address of the Customer		Report No.	: MSK/2023-24/2601
"M/s OIL INDIA LIMITED"		Report Date	: 28.02.2024
Duliajan, Dibrugarh, Assam-786602		Nature of Sample	: Stack Emission
		Sample Mark	: GCS TENGAKHAT
		Sample Number	: MSKGL/ED/2023-24/01/00645
Ref. No. W.O. NO - 8125981 of Contract No. 6116895			
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
20.01.2024	23.01.2024	23.01.2024	30.01.2024

ANALYSIS RESULT

A.	**General information about stack :**	
1.	Stack connected to	: PORTABLE AIR COMPRESSOR-1
2.	Emission due to	: AIR COMPRESSOR
3.	Material of construction of Stack	: HSD
4.	Shape of Stack	: MS
5.	Whether stack is provided with permanent platform & ladder	: Circular
6.	DG capacity	: Yes
B.	**Physical characteristics of stack :**	: N/A
1.	Height of the stack from ground level	: 4.572 m
2.	Diameter of the stack at sampling point	: 3.658 m
3.	Area of Stack	: 0.03241m2
C.	**Analysis/Characteristic of stack:** 1. Fuel used : HSD	

D.	**Result of sampling & analysis of gaseous emission**	**Result**	**Limit as per CPCB**	**Method**
1.	Temperature of emission (°C)	117	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	762.0	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	18.73	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm3/hr)	74	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.4	...	IS:13270 :1992 Reaff. 2014
6.	Concentration of Carbon Monoxide (mg/Nm3)	21.5	150	IS:13270 :1992 Reaff. 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.2	...	IS:13270 :1992 Reaff. 2014
8.	Concentration of Sulphur Dioxide (mg/Nm3)	21.5	...	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide (ppmv)	72.8	360	USEPA Part-6, 25/09/1996
10.	Concentration of Lead (mg/Nm3)	<0.005	...	USEPA-29, 25/06/1996
11.	Concentration of Particulate matter (mg/Nm3)	32.8	75	USEPA Part-17, 16/08/1996
12.	Concentration of Hydrocarbons (ppm)	<0.0003	100	USEPA 18 -25.09.1996
E.	**Pollution control device :** Details of pollution control devices attached with the stack : Nil			

Remarks:Nil

Analyzed By:

Signature :
Name : Mr. Dipankar Mazumdar
Designation. : Executive Chemist

Prepared By:

Signature : Borah
Name : Miss Jyosmita Borah
Designation. : Office Assistant

Authorized Signatory
For Mitra S.K. Private Limited

Signature :
Name : Mr. Rajib Roy
Designation : Branch Manager

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Tel. : 91 33 40143000 / 22650006 / 22650007 Fax : 91 33 22650008
Email : info@mitrask.com. Website: www.mitrask.com

STACK GAS MONITORING REPORT

Name & Address of the Customer		
"M/s OIL INDIA LIMITED"	Report No.	: MSK/2023-24/2602
	Report Date	: 28.02.2024
Duliajan, Dibrugarh. Assam-786602	Nature of Sample	: Stack Emission
	Sample Mark	: GCS TENGAKHAT
	Sample Number	: MSKGL/ED/2023-24/01/00646

Ref. No.:W.O. NO.- 8125981 of Contract No. 6116895

Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
20.01.2024	23.01.2024	23.01.2024	30.01.2024

ANALYSIS RESULT

A.	**General information about stack :**	
1.	Stack connected to	: PORTABLE AIR COMPRESSOR-2
2.	Emission due to	: AIR COMPRESSOR
3.	Material of construction of Stack	: HSD
4.	Shape of Stack	: MS
5.	Whether stack is provided with permanent platform & ladder	: Circular
6.	DG capacity	: Yes
B.	**Physical characteristics of stack :**	: N/A
1.	Height of the stack from ground level	: 4.572 m
2.	Diameter of the stack at sampling point	: 3.658 m
3.	Area of Stack	: 0.03241m2
C.	**Analysis/Characteristic of stack:** 1. Fuel used : HSD	

D.	**Result of sampling & analysis of gaseous emission**	**Result**	**Limit as per CPCB**	**Method**
1.	Temperature of emission (°C)	103	...	USEPA Part 2, 25.09.1996
2.	Barometric Pressure (mm of Hg)	762.0	...	USEPA Part 2, 25.09.1996
3.	Velocity of gas (m/sec.)	18.6	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm3/hr)	77	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.4	...	IS:13270 :1992 Reaff. 2014
6.	Concentration of Carbon Monoxide (mg/Nm3)	21.5	150	IS:13270 :1992 Reaff. 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.2	...	IS:13270 :1992 Reaff. 2014
8.	Concentration of Sulphur Dioxide (mg/Nm3)	21.5	...	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide (ppmv)	72.8	360	USEPA Part-6, 25/09/1996
10.	Concentration of Lead (mg Nm3)	<0.005	...	USEPA-29, 25/06/1996
11.	Concentration of Particulate matter (mg/Nm3)	32.8	75	USEPA Part-17, 16/08/1996
12.	Concentration of Hydrocarbons (ppm)	<0.0003	100	USEPA 18 -25.09.1996
E.	**Pollution control device :** Details of pollution control devices attached with the stack : Nil			**Remarks**:Nil

Analyzed By:

Signature :
Name : Mr. Dipankar Mazumdar
Designation. : Executive Chemist

Prepared By:

Signature : Borah
Name : Miss Jyosmita Borah
Designation. : Office Assistant

Authorized Signatory
For Mitra S.K. Private Limited

Signature :
Name : Mr. Rajib Roy
Designation : Branch Manager

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Name of the Installation: **CHABUA FGGS**

EC No and date: F. No J-11011/682/2008-I A II(I) Dated 17.06.2013

Period of Compliance Report: October 2023 to March 2024.

A. General Condition		
Sl No.	**EC Condition**	**Compliance status/ Remark**
i	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and any other statutory authority.	Complied
ii	No further expansion or modification in the project shall be carried out without prior approval of the Ministry of Environment & Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Currently, no future expansion or modification has been planned. The same will be intimated and complied in case of such type of project in the future.
iii	The project authorities must strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 2000 as amended subsequently. Prior approvals from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire Safety Inspectorate etc. must be obtained, wherever applicable.	Complied
iv	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).	Complied
v	A separate Environmental Management Cell equipped with full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.	Being Complied
vi	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests 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.	Being Complied

vii	The Regional Office of this Ministry/Central Pollution Control Board/State Pollution Control Board will monitor the stipulated conditions. A six-monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.	Complied Monitored data enclosed.
viii	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad /Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Complied
ix	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF, the respective Zonal Office of CPCB and the PCB, Assam. The criteria pollutant levels namely: PM10, SO2, NOx, CO, HC (Methane & Non-methane), VOCs (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Complied Compliance status including monitored data is regularly uploaded in company's website and sent to concerned government authorities. Monitored data is also enclosed herewith.
x	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the PCB, Assam. The Regional Office of this Ministry / CPCB / MPPCB shall monitor the stipulated conditions.	Complied Monitored data enclosed.
xi	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.	Complied
xii	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 PCB, Assam and may also be seen at Website of the Ministry of Environment and Forests at http:/envfor.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	Complied. Copy of newspaper advertisement forwarded with our Compliance Status Report submitted in April, 2014.

	vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office.	
xiii	Project authorities shall inform the Regional office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work. Same shall be forwarded to the Regional office.	Complied Copy of newspaper advertisement forwarded with our Compliance Status Report submitted in April, 2014.

B. Specific Condition		
Sl No.	**EC Condition**	**Compliance status/ Remark**
i	Prior clearance under the Wildlife (Protection) Act. 1972, should be obtained from the Standing Committee of the National Board for Wildlife as the project is located within 10 Km distance of Eco sensitive areas (Dehing Patkai WLS, Bherjan-Borajan-Podumoni WLS and Dibru-Saikhowa National Park).	NBWL clearance received vide letter No. WL/FG-35/Standing Committee NBWL dated 09.10.2014 & copy enclosed.
ii	No facility shall be developed in forest land.	Complied
iii	Adequate buffer zone around the oil and gas facilities, as may be required as per OISD or other statutory requirements.	Complied
iv	The flare system shall be designed as per good oil field practices and Oil Industry Safety Directorate (OISD) guidelines. The company shall take necessary measures to prevent fire hazards and soil remediation as needed. At the place of ground flaring, the flare pit shall be lined with refractory bricks and efficient burning system. In case of overhead flare stacks, the stack height shall be provided as per the regulatory requirements and emissions from stacks shall meet the MOEF/CPCB guidelines.	Complied
v	Regular ambient air quality monitoring of PM10, SO_2, NO_x, VOCs and HC (Methane and Non-methane) shall be monitoredand displayed at a convenient location near the main gate of the company and at important public places. The location and results of existing monitoring stations should be reviewed in consultation with the concerned State Pollution Control Board based on the occurrence of maximum 3 ground level concentration and downwind direction of wind. If required, additional stations should be set up. It will be ensured that at least one monitoring station is set up in up-wind & in down-wind direction along with those in other directions.	Complied. Latest Report of Ambient Air Quality along with VOC and HC Monitoring is enclosed.

vi	Regular monitoring of VOC and HC in the work zone area in the plant premises shall be carried and data be submitted to Ministry's Regional Office at Shillong, CPCB and Assam Pollution Control Board.	Complied. Latest Report of Ambient Air Quality along with VOC and HC Monitoring is enclosed. Online Fire & Gas Detection System is also installed in this station.
vii	Vapor recovery system shall be installed to prevent leakage of vapor from tank/ vessels / processing and filling areas to ensure no hydrocarbon vapors are released unchecked.	Not Applicable Only 1 small test condensate gauge tank (32 m3) is installed but Currently Not in Operation. Therefore, no possibility of leakage of vapor exist.
viii	Total fresh water requirement from ground water source shall not exceed 18 m^3/day per GCS. 17 m^3/day per FGS and around 15 m^3/day per CGGS & OTP and prior permission shall be obtained from the CGWA/SGWA.	Complied. Water consumption is within the prescribed limit.
ix	The company shall construct the garland drain all around the project site to prevent runoff of any oil containing waste into the nearby water bodies. Separate drainage system should be created for oil contaminated and non-oil contaminated streams. During rainy season, the storm water drains shall be connected to oil water separator and passed through guard pond. Water quality monitoring of guard pond shall be conducted	Complied
x	Produced water/wastewater separated during processing in GCSs/FGSs/CGGS shall be treated in efficient Effluent Treatment Plants and then routed to the nearby oil collecting station for injection into underground structures at depth between 1000m to 1500 m. Water quality of treated effluent shall conform to CPCB standards. No effluent shall be discharged outside the premises of facilities	No water/waste water is separated during processing in the FGGS. The condensate produced in the plant directly transported to nearby installation through pipeline. No effluent is produced or discharged outside the premises of the installation.
xi	Oil Industry Safety Directorate guidelines regarding safety against fire, spillage, pollution control etc. should be followed. Company shall ensure no oil spillage occur during loading / unloading of petroleum products.	Complied

xii	The project authorities should strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules 1989, as amended in 2000 and the Public Liability Insurance Act for handling of hazardous chemicals etc. All the hazardous waste should be properly treated and disposed off in accordance with the Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2008.	Complied
xiii	Necessary approvals from Chief Controller of Explosives must be obtained before commission of project. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented.	Complied DGMS approval available. On-site and Off-site Disaster Management Plans available and implemented.
xiv	The company shall obtain all requisite clearances for fire safety and explosives and should comply with the stipulation made by the respective authorities.	Complied
xv	All storage tanks should be provided with design features based on applicable OISD standards.	Complied
xvi	No change in the storage capacity and other facilities should be made without getting proper approval from the Ministry.	Will be complied
xvii	Fully automated tank farm management system (TFMS) will be provided for accounting of products & reconciliation.	Not Applicable Only 1 small test condensate gauge tank (32 m3) is installed which is not in operation.
xviii	Emergency Response Plan shall be based on the guidelines prepared by OISD, DGMS and Govt. of India. Mock drill shall be conducted once in a month.	Complied
xix	Bottom oil sludge should be handled, stored and disposed as per CPCB/ MoEF guidelines. An action plan in this regard including bioremediation should be submitted to the Ministry and its Regional Office at Shillong within 3 months of issue of the letter.	Secured, covered, impermeable sludge storage facility is already available and has already been intimated to MoEF.
xx	Occupational health surveillance of worker should be done on a regular basis and records maintained as per the Factory Act.	Complied
xxi	Green belt should be developed in 33% of the plot area to mitigate the effect of fugitive emission all around the plant in consultation with DFO as per CPCB guidelines. Thick green belt around POL depot should be ensured.	Being complied. Green belt is being developed.

xxii	All the commitments made to the public during the Public Hearing/Public Consultation meeting held on 23rd August, 2011, 25th August, 2011 and 26th August, 2011 for the project shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Shillong.	Complied
xxiii	At least 5 % of the total cost of the project shall be earmarked towards corporate social responsibility and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office at Shillong. Implementation of such program shall be ensured accordingly in a time bound manner.	The CSR Policy of the company is already in place and the same is being implemented in time bound phased manner as per government directive.
xxiv	Company shall prepare operating manual in respect of all activities. It should cover all safety & environment related issues and system measures to be taken for protection. One set of environmental manuals shall be made available at the drilling site/ project site. Awareness should be created at each level of the management. All the schedules and results of environmental monitoring shall be available at the project site office.	Complied
xxv	Project proponent shall comply with the environment protection measures and safeguards recommended in the EIA/EMP/risk analysis report/disaster management plan.	Complied
xxvi	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Presently Not Applicable