

#### **HSE Department**

Oil India Limited

Duliajan, Dibrugarh, 786602, Assam

Phone: 0374-2800542

Email: safety@oilindia.in

संदर्भ सं./Ref. No.: S&E/E/43C-1/624

दिनांक/Date:29.05.2025

From	Executive Director (HSE & ESG)
То	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 2024 to March 2025) 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 2024 to March 2025) 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 a Doomdooma-Pengry Area, District Tinsukia Assam.		
3.	F. No. J-11011/682/2008-IA II (I) dated 17.06.2013 Expansion of Gas field De Tengakhat-Naharkatia-Jorajan Doomdooma Pengry area, Assa India Ltd.			
4.	F. No. J-11011/116/2018-IA II (I) Onshore Oil & Gas Exploration Development Drilling and Production Ningru Oil & Gas Field in Districts Changand Namsai for Ningru PML II (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) Extension Drilling & Test dated 11.05.2020 at 7 (seven) Locations un National Park Area, Nor		Extension Drilling & Testing of Hydrocarbons at 7 (seven) Locations under Dibru-Saikhowa National Park Area, North-West of Baghjan PML, District Tinsukia, Assam.		
7.				
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 Installations) in North Hapjan – Tinsukia – Dhola area under Tinsukia district, Assam.		



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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 Sapkainth, 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.

Yours faithfully, For Oil India Limited

कार्यकारी निदेशक (एचएसई एवं ईएसजी) Executive Director (HSE & ESG) मोडल अधिकारी (ईसी/एकसी/एनबीडब्युएल) Nodal Officer (ECIFC/NBWL) आयत इंडिया लिपिटेड Oil India Limited (Mallika Baruah Sarrma)
Executive Director (HSE & ESG)
Nodal Officer (EC, FC, NBWL)
For Resident Chief Executive

Encl: As above



**HSE Department** 

Oil India Limited

Duliajan, Dibrugarh, 786602, Assam

Phone: 0374-2800542

Email: safety@oilindia.in

## 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:** GCS-HEBEDA VILLAGE

Period: 01.10.2024 -31.03.2025

### 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 <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> , VOC <sub>s</sub> 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 downwind 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 <sup>3</sup> /day per GCS, 17 m <sup>3</sup> /day per FGS and around 15 m <sup>3</sup> /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.		

	T	
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 <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> , CO, HC (Methane & Non-methane), VOC <sub>s</sub> (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	Complied
	the Ministry, the date of financial closure and final approval	Copy of newspaper
	of the project by the concerned authorities and the date of	advertisement forwarded
	commencing the land development work. Same shall be	with our Compliance Status
	forwarded to the Regional office.	Report submitted in April,
		2014.



# **Chemical Department**

# ऑयल इंडिया लिमिटेड Oil India Limited

# **Analytical & Environmental Laboratory**

(An ISO 9001:2015 Certified Laboratory)

Duliajan, Dibrugarh, 786602, Assam

Email- an.env@oilindia.in Ph No: 0374-280-8490

Ref. No.: Chem/A&E/Misc/114/25

Date: 25.01.2025

CGM- Eastern Fields

Attn.: Vishal Singh Jadon, SE (P-E)

#### Sub: ETP WATER SAMPLE ANALYSIS REPORT

Letter/memo ref. no.: Nil dated: 23.01.2025

Characteristics	Unit	Test Results		Test method/Instrument used	
** * * * * * * * * * * * * * * * * * *		Inlet	Outlet		
Total Dissolved Solids	mg/l	287	150	BIS 3025-16-2023 / Gravimetric method	
Oil & Grease	mg/l	Nil	Nil	ASTM D8193 /Eracheck X	
рН	-	6.7	6.5	BIS 3025-11-2022 / Metrohm pH meter	
Total Suspended Solids	mg/l	459	204	BIS 3025-16-2023/Gravimetric method	
Carbonate as CO <sub>3</sub>	mg/l	Nil	Nii	BIS 3025-23-2023 / Titration with HCl	
Bicarbonate as HCO <sub>3</sub>	mg/l	2196	1586	BIS 3025-23-2023 / Titration with HCl	
Dissolved Oxygen	mg/l	3.07	3.73	BIS 3025- 38-2003 / Dissolved Oxygen meter	
Turbidity	NTU	322	228	BIS 3025-10-2023 / Turbidity meter	

#### Sample details.:

1. Type of sample: ETP Water

2. Sample Collection Date: 23.01.2025

3. Sample Collected from (Source/ Location): Hebeda GCS

4. Sample received on (date & time): 23.01.2025, 02:35 PM

5. Test completion date:

25.01.2025

Note:- 1.Parameters were tested as per requirement of the customer.

2. The test results of this report apply to the sample as received.

BU

Tested by: SB/BU

Analytical & Environmental Lab.

Chemical Department, Oil India

Chem/A&E/Misc/File/04

Surajit Bora

Chief Chemist (Lab)

(Reviewed by)

Euracia L. Wahlang

DGM - Chemical (Lab, P&A)

(Approved by)



Name & Address of the	Customer	Report No.	: MSK/2024-25/02500
		Report Date	: 09.02.2025
"M/s OIL INDIA LIMITED	**	Nature of Sample	: Stack Emission
Duliajan, Dibrugarh, Assam-786602		Sample Mark	: GCS HEBEDA GAON
		Sample Number	; MSKGL/ED/2024-25/01/02235
		Instrument ID	: 135-H-19
Ref. No.:W.O. NO 812928	3 of Contract No. 6119277		
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
31.01.2025	03.02.2025	03.02.2025	09.02.2025

#### **ANALYSIS RESULT**

A.	General information about stack :	1 y			
1	Stack connected to	: DRENCHING PUMP-1			
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			
В.	Physical characteristics of stack :				
1.	Height of the stack from ground level	: 4.572 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)	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.)	18.33		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)	14.0	***	IS:13270:1992 Reaff, 2014	
6.	Concentration of Carbon Monoxide (g/kW-hr)	0.185	≤ 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)	23,4		USEPA-29, 25/06/1996	
9.	Concentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr)	0.312	≤ 4.7	USEPA Part-7, 12/03/1996& USEPA 18 -25.09.1996	
10.	Concentration of Lead (mg/Nm3)	< 0.005	122	USEPA-29, 25/06/1996	
11.	Concentration of Particulate matter (g/kW-hr)	0.094	≤ 0.3	USEPA Part-17, 16/08/1996	
	Smoke Limit (Light Absorption Coefficient, m-1)	0.103K		AS PER CPCB	

Analyzed By:

Prepared By:

**Authorized Signatory** 

Signature

Designation.

Name

: Mr. Bhaskarjyoti Dutta

Signature

Name Designation.

: Mr. Dipankar Das : Office Assistant

ForMitra S.K. Private Limited

Signature Name : MARayi Shanka Roy Designation : Branch Manager

The results relate only to the item(s) tested.

: Chemist

This Test Report shall not be reproduced except in full, without the permission of Mitra S.K. Private Limited.
Our Lab is Approved by ISO/IEC 17025: 2017 & Assam PCB, Lab Address: House No 9,2<sup>ml</sup> Floor, Aranachal Path, R.G. Baruah Road, Guwahati-781021(Assam)

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



Name & Address of the	e Customer	Report No.	: MSK/2024-25/02501
"M/s OIL INDIA LIMITED"  Duliajan, Dibrugarh, Assam-786602		Report Date	: 09.02.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: GCS HEBEDA GAON
Durinjan, Diorugum, Assum	-700002	Sample Number	: MSKGL/ED/2024-25/01/02236
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO 812928	3 of Contract No. 6119277		11
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
31.01.2025	03.02.2025	03.02.2025	09.02.2025

#### **ANALYSIS RESULT**

۹.	General information about stack :	(E)			
R	Stack connected to	: DRENCHING PUMP-2			
2,	Emission due to	; HSD			
3.	Material of construction of Stack	: MS			
l.	Shape of Stack	: Circular			
5	Whether stack is provided with permanent platform & ladder	Yes			
3.	DG capacity	: 190 HP			
3.	Physical characteristics of stack :				
,	Height of the stack from ground level	: 4.572 m			
	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)	129		USEPA Part 2, 25.09.1996	
2.	Barometric Pressure (mm of Hg)	762.0	(400	USEPA Part 2, 25.09.1996	
3.	Velocity of gas (m/sec.)	17.96		USEPA Part 2, 25.09.1996	
4.	Quantity of Gas Flow (Nm3/hr)	386		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)	0.182	≤ 3.5	IS:13270:1992 Reaff, 2014	
7.	Concentration of Carbon Dioxide (%v/v)	6.0	***	IS:13270:1992 Reaff, 2014	
8.	Concentration of Sulphur Dioxide (mg/Nm3)	23.4	***	USEPA-29, 25/06/1996	
9.	Concentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr)	0.315	≤ 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)	0.095	≤ 0.3	USEPA Part-17, 16/08/1996	
12.	Smoke Limit (Light Absorption Coefficient, m-1)	0.101K	≤ 0.7	AS PER CPCB	
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

Name Designation. Mr. Bhaskarjyoti Dutta

: Chemist

Signature Name

Designation.

: Mr. Dipankar Das : Office Assistant

Signature

Name

Designation : Branch Manager

The results relate only to the item(s) tested.

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Our Lab is Approved by ISO/IEC 17025: 2017 & Assam PCB, Lab Address: House No 9,2<sup>nd</sup> Floor, Arunachal Path, R.G. Baruah Road, Guwahati-781021(Assam)

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



Customer	Report No.	: MSK/2024-25/02502
"M/s OIL INDIA LIMITED"  Duliajan, Dibrugarh, Assam-786602		: 09.02.2025
		: Stack Emission
		: GCS HEBEDA GAON
00002	Sample Number	: MSKGL/ED/2024-25/01/02237
	Instrument ID	: 135-H-19
of Contract No. 6119277		
Sample Received Date	Analysis Start Date	Analysis Complete Date
03.02.2025	03.02.2025	09.02.2025
	of Contract No. 6119277 Sample Received Date	Report Date Nature of Sample Sample Mark Sample Number Instrument ID  of Contract No. 6119277 Sample Received Date Analysis Start Date

#### ANALYSIS RESULT

Stack connected to Emission due to Material of construction of Stack Shape of Stack Whether stack is provided with permanent platform & ladder DG capacity Physical characteristics of stack: Height of the stack from ground level Diameter of the stack at sampling point Area of Stack	: HSD : MS : Circular : Yes : 190 HP : 4.572 m : 0.1016 m	NG PUMP-3			
Material of construction of Stack Chape of Stack Whether stack is provided with permanent platform & ladder DG capacity Physical characteristics of stack: Height of the stack from ground level Diameter of the stack at sampling point Area of Stack	: MS : Circular : Yes : 190 HP : 4.572 m : 0.1016 m				
hape of Stack Whether stack is provided with permanent platform & ladder DG capacity Physical characteristics of stack: Height of the stack from ground level Diameter of the stack at sampling point Area of Stack	: Circular : Yes : 190 HP : 4.572 m : 0.1016 m				
Whether stack is provided with permanent platform & ladder DG capacity  Physical characteristics of stack:  Height of the stack from ground level  Diameter of the stack at sampling point  Area of Stack	: Yes : 190 HP : 4.572 m : 0.1016 m				
DG capacity  Physical characteristics of stack:  Height of the stack from ground level  Diameter of the stack at sampling point  Area of Stack	: 190 HP : 4.572 m : 0.1016 m				
Physical characteristics of stack: Height of the stack from ground level Diameter of the stack at sampling point Area of Stack	: 4.572 m : 0.1016 m				
Height of the stack from ground level Diameter of the stack at sampling point Area of Stack	: 0.1016 m				
Height of the stack from ground level Diameter of the stack at sampling point Area of Stack	: 0.1016 m				
Area of Stack					
	- 0.00010 mg2	: 0.1016 m			
	: 0.00810 m2				
Analysis/Characteristic of stack:  1. Fuel used: HSD					
Result of sampling & analysis of gaseous emission	Result	Limit as per CPCB	Method		
emperature of emission (°C)	136		USEPA Part 2, 25.09.1996		
Barometric Pressure (mm of Hg)	762.0		USEPA Part 2, 25.09.1996		
	18.53		USEPA Part 2, 25.09.1996		
	392	***	USEPA Part 2, 25.09.1996		
Concentration of Oxygen (%v/v)	13.8		IS:13270:1992 Reaff, 2014		
Concentration of Carbon Monoxide (g/kW-hr)	0.193	≤ 3.5	IS:13270 :1992 Reaff, 2014		
Concentration of Carbon Dioxide (%v/v)	5.8	***	IS:13270:1992 Reaff, 2014		
Concentration of Sulphur Dioxide (mg/Nm3)	23.2	***	USEPA-29, 25/06/1996		
Concentration of Nitrogen Oxide & Hydrocarbons g/kW-hr)	0.311	≤ 4.7	USEPA Part-7, 12/03/1996& USEPA 18 -25.09.1996		
Concentration of Lead (mg/Nm3)	< 0.005		USEPA-29, 25/06/1996		
Concentration of Particulate matter (g/kW-hr)	0.093	≤ 0.3	USEPA Part-17, 16/08/1996		
moke Limit (Light Absorption Coefficient, m-1)	0.091K	≤ 0.7	AS PER CPCB		
37025	Result of sampling & analysis of gaseous emission  emperature of emission (°C) arometric Pressure (mm of Hg) felocity of gas (m/sec.) function of Gas Flow (Nm3/hr) concentration of Oxygen (%v/v) foncentration of Carbon Monoxide (g/kW-hr) foncentration of Carbon Dioxide (%v/v) foncentration of Sulphur Dioxide (mg/Nm3) foncentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr) foncentration of Lead (mg/Nm3) foncentration of Particulate matter (g/kW-hr) foncentration of Particulate matter (g/kW-hr) foncentration of Particulate matter (g/kW-hr) foncentration control device:	Result of sampling & analysis of gaseous emission  emperature of emission (°C) arometric Pressure (mm of Hg) felocity of gas (m/sec.) felocity of Gas Flow (Nm3/hr) foncentration of Oxygen (%v/v) foncentration of Carbon Monoxide (g/kW-hr) foncentration of Carbon Dioxide (%v/v) foncentration of Sulphur Dioxide (mg/Nm3) foncentration of Nitrogen Oxide & Hydrocarbons foncentration of Lead (mg/Nm3) foncentration of Particulate matter (g/kW-hr)	Result of sampling & analysis of gaseous emissionResultLimit as per CPCBemperature of emission (°C)136arometric Pressure (mm of Hg)762.0elocity of gas (m/sec.)18.53mantity of Gas Flow (Nm3/hr)392concentration of Oxygen (%v/v)13.8concentration of Carbon Monoxide (g/kW-hr)0.193 $\leq$ 3.5concentration of Carbon Dioxide (%v/v)5.8concentration of Sulphur Dioxide (mg/Nm3)23.2concentration of Nitrogen Oxide & Hydrocarbons (y/kW-hr)0.311 $\leq$ 4.7concentration of Particulate matter (g/kW-hr)0.093 $\leq$ 0.3moke Limit (Light Absorption Coefficient, m-1)0.091K $\leq$ 0.7Pollution control device:		

Analyzed By:

Prepared By:

**Authorized Signatory** ForMitra S.K. Private United

Signature

Designation.

Name

: Mr. Bhaskarjyoti Dutta

: Chemist

Signature

Name

Designation.

: Mr. Dipankar Das

: Office Assistant

Signature

Name

: Mr Rayi Shankar Roy Designation : Branch Manager

The results relate only to the item(s) tested.

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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



Name & Address of the	Customer	Report No.	: MSK/2024-25/02503
"M/s OIL INDIA LIMITED"  Duliajan, Dibrugarh, Assam-786602		Report Date	: 09.02.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: GCS HEBEDA GAON
Dunajan, Dioragam, Assam	Junajan, Diorugain, Assam-760002		: MSKGL/ED/2024-25/01/02238
		Instrument ID	: 135-H-19
Ref. No.:W.O. NO 812928	3 of Contract No. 6119277		
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
31.01.2025	03.02.2025	03.02.2025	09.02.2025

#### **ANALYSIS RESULT**

A.	General information about stack :	:		
1.	Stack connected to	: GEG-1		
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		
В.	Physical characteristics of stack :			
1,5	Height of the stack from ground level	: 30 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: NG	•		
D.	Result of sampling & analysis of gaseous emission	Result	Limit as per CPCB	Method

D.	Result of sampling & analysis of gaseous emission	Result	Limit as per CPCB	Method
1.	Temperature of emission (°C)	163		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.)	22.85		USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm3/hr)	453	***	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)	23.2	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)	27.8	***	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide (ppmv)	72.5	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)	31.7	75	USEPA Part-17, 16/08/1996
12.	Concentration of Hydrocarbons (ppm)	< 0.0003	100	USEPA 18 -25.09.1996
13.	Smoke Limit (Light Absorption Coefficient, m-1)	0.061K	≤ 0.7	AS PER CPCB

**Analyzed By:** 

Prepared By:

**Authorized Signatory** Mitra S.K. Private Limite

Remarks: Nil

Signature Name

Designation.

: Mr. Bhaskarjyoti Dutta : Chemist

Details of pollution control devices attached with the stack : Nil

Signature Name

Designation.

: Mr. Dipankar Das : Office Assistant

Signature

Name : Mr Ravi Shankar Roy Designation : Branch Manager

The results relate only to the item(s) tested.

Pollution control device:

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



Name & Address of the	e Customer	Report No.	: MSK/2024-25/02504
"M/s OIL INDIA LIMITED"  Duliajan, Dibrugarh, Assam-786602		Report Date	: 09.02.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: GCS HEBEDA GAON
Bullajan, Biolugarn, Assam	Danajan, Diorugain, Assam-760002		: MSKGL/ED/2024-25/01/02239
		Instrument ID	: 135-H-19
Ref. No.:W.O. NO 812928	3 of Contract No. 6119277		1.
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
31.01.2025	03.02.2025	03.02.2025	09.02.2025

#### ANALVSIS RESILLT

۹.	General information about stack :	:			
92	Stack connected to	: GEG-2			
2.	Emission due to	: NG			
3.	Material of construction of Stack	: MS			
1.	Shape of Stack	: Circular			
5.	Whether stack is provided with permanent platform & ladder	: Yes			
3.	DG capacity	: 803 KW			
В.	Physical characteristics of stack :	1 000 11,1			
6	Height of the stack from ground level	: 30 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: NG				
D.	Result of sampling & analysis of gaseous emission	Result	Limit as per CPCB	Method	
1:	Temperature of emission (°C)	157	***	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.)	22.66		USEPA Part 2, 25.09.1996	
4.	Quantity of Gas Flow (Nm3/hr)	456	.,,	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)	22.8	150	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)	27.5	***	USEPA-29, 25/06/1996	
9.	Concentration of Nitrogen Oxide (ppmv)	73.6	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)	33.8	75	USEPA Part-17, 16/08/1996	
12.	Concentration of Hydrocarbons (ppm)	< 0.0003	100	USEPA 18 -25.09.1996	
13.	Smoke Limit (Light Absorption Coefficient, m-1)	0.078K	≤ 0.7	AS PER CPCB	

**Analyzed By:** 

Prepared By:

Signature

Name

: Chemist

: Mr. Bhaskarjyoti Dutta

Designation.

Signature

Name

Designation.

: Mr. Dipankar Das

: Office Assistant

**Authorized Signatory** Mitra S.K. Private limite

Signature

: Mr. Rayi Shankar Roy

Designation : Branch Manager

The results relate only to the item(s) tested.

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



Name & Address of the	Customer	Report No.	: MSK/2024-25/02505
"M/s OIL INDIA LIMITED"  Duliajan, Dibrugarh, Assam-786602		Report Date	: 09.02.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: GCS HEBEDA GAON
Duraguii, Dioraguiii, Mosuiii	700002	Sample Number	: MSKGL/ED/2024-25/01/02240
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO 812928	3 of Contract No. 6119277		
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
31.01.2025	03.02.2025	03.02.2025	09.02.2025

#### ANALYSIS RESULT

۹.	General information about stack :	:			
1,	Stack connected to	: LPB-A			
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	NIL			
B.	Physical characteristics of stack :				
1.	Height of the stack from ground level	: 4.572 m			
2.	Diameter of the stack at sampling point	: 0.1524 m			
3.	Area of Stack	: 0.01823 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)	189		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.)	24.21	***	USEPA Part 2, 25.09.1996	
4	Quantity of Gas Flow (Nm3/hr)	1021	***	USEPA Part 2, 25.09.1996	
5.	Concentration of Oxygen (%v/v)	13.2		IS:13270:1992 Reaff, 2014	
6.	Concentration of Carbon Monoxide (mg/Nm3)	20.1	•••	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)	21.1	***	USEPA-29, 25/06/1996	
9.	Concentration of Nitrogen Oxide (ppmv)	70.2	***	USEPA Part-6, 25/09/1996	
10.	Concentration of Lead (mg/Nm3)	< 0.005		USEPA-29, 25/06/1996	
10.	Concentration of Particulate matter (mg/Nm3)	34.1		USEPA Part-17, 16/08/1996	
11. 12.	Concentration of Hydrocarbons (ppm)  Smoke Limit (Light Absorption Coefficient, m-1)	< 0.0003	***	USEPA 18 -25.09.1996	

**Analyzed By:** 

Designation.

**Prepared By:** 

**Authorized Signatory** 

Signature Name

: Mr. Bhaskarjyoti Dutta : Chemist

Signature Name Designation.

: Mr. Dipankar Das : Office Assistant

For Mitra S.K. Private Limited

Signature Name Designation : Branch Manager

The results relate only to the item(s) tested.

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



Name & Address of the	Customer	Report No.	: MSK/2024-25/02506
		Report Date	: 09.02.2025
"M/s OIL INDIA LIMITED"		Nature of Sample	: Stack Emission
Duliajan, Dibrugarh, Assam-786602		Sample Mark	: GCS HEBEDA GAON
		Sample Number	: MSKGL/ED/2024-25/01/02241
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO 812928	3 of Contract No. 6119277		
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
31.01.2025	03.02.2025	03.02.2025	09.02.2025

#### ANAL VSIS DESILLT

General information about stack :	:			
Stack connected to	: LPB-B			
Emission due to	: NG			
Material of construction of Stack	: MS			
Shape of Stack	: Circular			
Whether stack is provided with permanent platform & ladder	: Yes			
DG capacity	: NIL			
Physical characteristics of stack :				
Height of the stack from ground level	: 4.572 m			
Diameter of the stack at sampling point				
Area of Stack				
Analysis/Characteristic of stack:  1. Fuel used: NG				
Result of sampling & analysis of gaseous emission	Result	Limit as per CPCB	Method	
Temperature of emission (°C)	172		USEPA Part 2, 25.09.1996	
	762	166	USEPA Part 2, 25.09.1996	
	23.81	***	USEPA Part 2, 25.09.1996	
	1042		USEPA Part 2, 25.09.1996	
	13.8	***	IS:13270:1992 Reaff, 2014	
Concentration of Carbon Monoxide (mg/Nm3)	19.9	***	IS:13270:1992 Reaff, 2014	
Concentration of Carbon Dioxide (%v/v)	5.2		IS:13270:1992 Reaff, 2014	
Concentration of Sulphur Dioxide (mg/Nm3)	21.5	2444	USEPA-29, 25/06/1996	
	70.8	***	USEPA Part-6, 25/09/1996	
	< 0.005	202	USEPA-29, 25/06/1996	
Concentration of Particulate matter (mg/Nm3)	34.8		USEPA Part-17, 16/08/1996	
Concentration of Hydrocarbons (ppm)	< 0.0003	***	USEPA 18 -25.09.1996	
Smoke Limit (Light Absorption Coefficient, m-1)	0.067K	< 0.7	AS PER CPCB	
	Stack connected to Emission due to Material of construction of Stack Shape of Stack Whether stack is provided with permanent platform & ladder DG capacity Physical characteristics of stack: Height of the stack from ground level Diameter of the stack at sampling point Area of Stack Analysis/Characteristic of stack:  1. Fuel used: NG Result of sampling & analysis of gaseous emission  Temperature of emission (°C) Barometric Pressure (mm of Hg) Velocity of gas (m/sec.) Quantity of Gas Flow (Nm3/hr) Concentration of Oxygen (%v/v) Concentration of Carbon Dioxide (mg/Nm3) Concentration of Sulphur Dioxide (mg/Nm3) Concentration of Nitrogen Oxide (ppmv) Concentration of Particulate matter (mg/Nm3) Concentration of Hydrocarbons (ppm)	Stack connected to   : LPB-B     Emission due to   : NG     Material of construction of Stack   : MS     Shape of Stack   : Circular     Whether stack is provided with permanent platform & ladder   : Yes     DG capacity   : NIL     Physical characteristics of stack :     Height of the stack from ground level   : 4.572 m     Diameter of the stack at sampling point   : 0.1524 m     Area of Stack   : 0.01823 m2     Analysis/Characteristic of stack:   1. Fuel used : NG     Result of sampling & analysis of gaseous emission     Result of Stack   : 0.01823 m2     Analysis/Characteristic of stack:   1. Fuel used : NG       Result of Sampling & analysis of gaseous emission     Concentration of Carbon (°C)   172     Barometric Pressure (mm of Hg)   762     Velocity of gas (m/sec.)   23.81     Quantity of Gas Flow (Nm3/hr)   1042     Concentration of Oxygen (%v/v)   13.8     Concentration of Carbon Dioxide (mg/Nm3)   19.9     Concentration of Carbon Dioxide (mg/Nm3)   21.5     Concentration of Sulphur Dioxide (mg/Nm3)   21.5     Concentration of Nitrogen Oxide (ppmv)   70.8     Concentration of Particulate matter (mg/Nm3)   34.8     Concentration of Hydrocarbons (ppm)   <0.0003	Stack connected to   : LPB-B	

**Analyzed By:** 

**Authorized Signatory** For Mitra S.K. Private Limited

Signature

Designation.

Name

: Mr. Bhaskarjyoti Dutta

: Chemist

Prepared By:

Signature Name

Designation.

: Mr. Dipankar Das : Office Assistant

Signature

Name Designation

The results relate only to the item(s) tested.

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Name & Address of the	e Customer	Report No.	: MSK/2024-25/02507
		Report Date	: 09.02.2025
"M/s OIL INDIA LIMITED"		Nature of Sample	: Stack Emission
Duliajan, Dibrugarh, Assam-786602		Sample Mark	: GCS HEBEDA GAON
Durajui, Dioruguri, 1100uii	700002	Sample Number	: MSKGL/ED/2024-25/01/02242
		Instrument ID	: 135-H-19
Ref. No.:W.O. NO 812928	3 of Contract No. 6119277		
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
31.01.2025	03.02.2025	03.02.2025	09.02.2025

	ANALYSIS RE	SULT			
A.	General information about stack :	:			
1.=	Stack connected to	: LPB-C			
2.	Emission due to	: NG			
3,	Material of construction of Stack	: MS			
1.	Shape of Stack	: Circular			
j	Whether stack is provided with permanent platform & ladder	: Yes			
3.	DG capacity	: NIL			
3.	Physical characteristics of stack :				
an	Height of the stack from ground level	: 4.572 m			
	Diameter of the stack at sampling point	: 0.1524 m			
	Area of Stack	: 0.01823 m2			
C.	Analysis/Characteristic of stack:  1. Fuel used: NG	1			
D.	Result of sampling & analysis of gaseous emission	Result	<u>Limit as</u> per CPCB	Method	
1.	Temperature of emission (°C)	196		USEPA Part 2, 25.09.1996	
2.	Barometric Pressure (mm of Hg)	762	7444	USEPA Part 2, 25.09.1996	
3.	Velocity of gas (m/sec.)	24.26		USEPA Part 2, 25.09.1996	
4.	Quantity of Gas Flow (Nm3/hr)	1007			
_		1007		USEPA Part 2, 25.09.1996	
5.	Concentration of Oxygen (%v/v)	13.2			
5.				IS:13270:1992 Reaff, 2014	
5. 6.	Concentration of Oxygen (%v/v)  Concentration of Carbon Monoxide (mg/Nm3)  Concentration of Carbon Dioxide (%v/v)	13.2	***	1S:13270 :1992 Reaff, 2014 IS:13270 :1992 Reaff, 2014	
5. 6. 7.	Concentration of Oxygen (%v/v) Concentration of Carbon Monoxide (mg/Nm3) Concentration of Carbon Dioxide (%v/v) Concentration of Sulphur Dioxide (mg/Nm3)	13.2		IS:13270 :1992 Reaff, 2014 IS:13270 :1992 Reaff, 2014 IS:13270 :1992 Reaff, 2014	
5. 6. 7. 8.	Concentration of Oxygen (%v/v) Concentration of Carbon Monoxide (mg/Nm3) Concentration of Carbon Dioxide (%v/v) Concentration of Sulphur Dioxide (mg/Nm3) Concentration of Nitrogen Oxide (ppmv)	13.2 21.3 5.8	2000 2000	1S:13270 :1992 Reaff, 2014 IS:13270 :1992 Reaff, 2014	
5. 6. 7. 8. 9.	Concentration of Oxygen (%v/v) Concentration of Carbon Monoxide (mg/Nm3) Concentration of Carbon Dioxide (%v/v) Concentration of Sulphur Dioxide (mg/Nm3) Concentration of Nitrogen Oxide (ppmv) Concentration of Lead (mg/Nm3)	13.2 21.3 5.8 20.9		IS:13270 :1992 Reaff, 2014 IS:13270 :1992 Reaff, 2014 IS:13270 :1992 Reaff, 2014 USEPA-29, 25/06/1996	
5. 6. 7. 8. 9.	Concentration of Oxygen (%v/v)  Concentration of Carbon Monoxide (mg/Nm3)  Concentration of Carbon Dioxide (%v/v)  Concentration of Sulphur Dioxide (mg/Nm3)  Concentration of Nitrogen Oxide (ppmv)  Concentration of Lead (mg/Nm3)  Concentration of Particulate matter (mg/Nm3)	13.2 21.3 5.8 20.9 71.9		IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 USEPA-29, 25/06/1996 USEPA Part-6, 25/09/1996 USEPA-29, 25/06/1996	
5. 6. 7. 8. 9. 10.	Concentration of Oxygen (%v/v) Concentration of Carbon Monoxide (mg/Nm3) Concentration of Carbon Dioxide (%v/v) Concentration of Sulphur Dioxide (mg/Nm3) Concentration of Nitrogen Oxide (ppmv) Concentration of Lead (mg/Nm3)	13.2 21.3 5.8 20.9 71.9 <0.005	 	IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 USEPA-29, 25/06/1996 USEPA Part-6, 25/09/1996	

**Analyzed By:** 

Prepared By:

**Authorized Signatory** For Mitra S.K. Private Limiter

Signature

Name Designation.

Mr. Bhaskarjyoti Dutta

Name : Chemist Designation.

Signature : Mr. Dipankar Das

: Office Assistant

Signature

Name Designation : Branch Manager

The results relate only to the item(s) tested.

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Our Lab is Approved by ISO/IEC 17025: 2017 & Assam PCB, Lab Address: House No 9,2<sup>ml</sup> Floor, Arunachal Path, R.G. Baruah Road, Guwahati-781021(Assam)

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



Name & Address of the	Customer	Report No.	* MSK/2024-25/02508
		Report Date	: 09.02.2025
"M/s OIL INDIA LIMITED"		Nature of Sample	: Stack Emission
Duliajan, Dibrugarh, Assam-786602		Sample Mark	: GCS HEBEDA GAON
Duringuit, Dividenti, Tubuiti	70002	Sample Number	: MSKGL/ED/2024-25/01/02243
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO 812928	3 of Contract No. 6119277		
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
31.01.2025	03.02.2025	03.02.2025	09.02.2025

#### ANALYSIS DESILT

۹.	General information about stack :	:			
191	Stack connected to	: GL-A			
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	: NIL			
В.	Physical characteristics of stack :				
1.	Height of the stack from ground level	: 4.572 m			
2,	Diameter of the stack at sampling point	: 0.1524 m			
3.	Area of Stack	: 0.01823 m2			
C.	Analysis/Characteristic of stack:  1. Fuel used: NG	J			
D.	Result of sampling & analysis of gaseous emission	Result	Limit as per CPCB	Method	
1.	Temperature of emission (°C)	188	***	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.)	23.91	***	USEPA Part 2, 25.09.1996	
4.	Quantity of Gas Flow (Nm3/hr)	1010		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)	20.7	***	IS:13270:1992 Reaff, 2014	
	Concentration of Carbon Dioxide (%v/v)	5.4		IS:13270:1992 Reaff, 2014	
7.	Concentration of Carbon Dioxide (%v/v)				
7. 8.	Concentration of Sulphur Dioxide (mg/Nm3)	22.6		USEPA-29, 25/06/1996	
8. 9.	Concentration of Sulphur Dioxide (mg/Nm3) Concentration of Nitrogen Oxide (ppmv)			USEPA-29, 25/06/1996 USEPA Part-6, 25/09/1996	
8. 9. 10.	Concentration of Sulphur Dioxide (mg/Nm3)  Concentration of Nitrogen Oxide (ppmv)  Concentration of Lead (mg/Nm3)	22.6			
8. 9. 10.	Concentration of Sulphur Dioxide (mg/Nm3) Concentration of Nitrogen Oxide (ppmv) Concentration of Lead (mg/Nm3) Concentration of Particulate matter (mg/Nm3)	22.6 73.9		USEPA Part-6, 25/09/1996	
8. 9.	Concentration of Sulphur Dioxide (mg/Nm3)  Concentration of Nitrogen Oxide (ppmv)  Concentration of Lead (mg/Nm3)	22.6 73.9 <0.005		USEPA Part-6, 25/09/1996 USEPA-29, 25/06/1996	

**Analyzed By:** 

Prepared By:

**Authorized Signatory** For Mitra S.K. Private Limited

Signature Name

Designation.

: Chemist

: Mr. Bhaskarjyoti Dutta

Signature Name

Designation.

: Mr Dipankar Das : Office Assistant

Signature

Name Designation : Branch Manager

The results relate only to the item(s) tested.

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



Name & Address of the	Customer	Report No.	: MSK/2024-25/02509
"M/s OIL INDIA LIMITED"  Duliajan, Dibrugarh, Assam-786602		Report Date	: 09.02.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: GCS HEBEDA GAON
Zanajan, Zioragam, risbani	Junajan, Diorugam, Assam-180002		: MSKGL/ED/2024-25/01/02244
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO 812928	3 of Contract No. 6119277		
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
31.01.2025	03.02.2025	03.02.2025	09.02.2025
	11		

#### ANAL VCIC DECLILT

A.	General information about stack :	:			
1.	Stack connected to	: GL-B			
2.	Emission due to	: NG			
3.	Material of construction of Stack	: MS			
1.	Shape of Stack	: Circular			
5.	Whether stack is provided with permanent platform & ladder	Yes			
3.	DG capacity	: NIL			
3.	Physical characteristics of stack :				
91	Height of the stack from ground level	: 4.572 m			
2.	Diameter of the stack at sampling point	: 0.1524 m			
3.	Area of Stack	: 0.01823 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)	216		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.)	24.50	***	USEPA Part 2, 25.09.1996	
4.	Quantity of Gas Flow (Nm3/hr)	976	***	USEPA Part 2, 25.09.1996	
_				OBLI A I at 2, 23.03.1330	
_	Concentration of Oxygen (%v/v)	13.8			
5.	Concentration of Oxygen (%v/v) Concentration of Carbon Monoxide (mg/Nm3)	13.8		IS:13270 :1992 Reaff, 2014	
5. 6.	Concentration of Carbon Monoxide (mg/Nm3)  Concentration of Carbon Dioxide (%v/v)			IS:13270 :1992 Reaff, 2014 IS:13270 :1992 Reaff, 2014	
5. 6. 7.	Concentration of Carbon Monoxide (mg/Nm3)  Concentration of Carbon Dioxide (%v/v)  Concentration of Sulphur Dioxide (mg/Nm3)	19.9		IS:13270 :1992 Reaff, 2014 IS:13270 :1992 Reaff, 2014	
5. 6. 7. 8.	Concentration of Carbon Monoxide (mg/Nm3) Concentration of Carbon Dioxide (%v/v) Concentration of Sulphur Dioxide (mg/Nm3) Concentration of Nitrogen Oxide (ppmv)	19.9		IS:13270 :1992 Reaff, 2014 IS:13270 :1992 Reaff, 2014 IS:13270 :1992 Reaff, 2014	
5. 6. 7. 8. 9.	Concentration of Carbon Monoxide (mg/Nm3)  Concentration of Carbon Dioxide (%v/v)  Concentration of Sulphur Dioxide (mg/Nm3)  Concentration of Nitrogen Oxide (ppmv)  Concentration of Lead (mg/Nm3)	19.9 5.6 22.3		IS:13270 :1992 Reaff, 2014 IS:13270 :1992 Reaff, 2014 IS:13270 :1992 Reaff, 2014 USEPA-29, 25/06/1996	
5. 6. 7. 8. 9.	Concentration of Carbon Monoxide (mg/Nm3)  Concentration of Carbon Dioxide (%v/v)  Concentration of Sulphur Dioxide (mg/Nm3)  Concentration of Nitrogen Oxide (ppmv)  Concentration of Lead (mg/Nm3)  Concentration of Particulate matter (mg/Nm3)	19.9 5.6 22.3 73.8		IS:13270 :1992 Reaff, 2014 IS:13270 :1992 Reaff, 2014 IS:13270 :1992 Reaff, 2014 USEPA-29, 25/06/1996 USEPA Part-6, 25/09/1996	
5. 6. 7. 8. 9. 10.	Concentration of Carbon Monoxide (mg/Nm3)  Concentration of Carbon Dioxide (%v/v)  Concentration of Sulphur Dioxide (mg/Nm3)  Concentration of Nitrogen Oxide (ppmv)  Concentration of Lead (mg/Nm3)	19.9 5.6 22.3 73.8 <0.005		IS:13270 :1992 Reaff, 2014 IS:13270 :1992 Reaff, 2014 IS:13270 :1992 Reaff, 2014 USEPA-29, 25/06/1996 USEPA Part-6, 25/09/1996 USEPA-29, 25/06/1996	

**Analyzed By:** 

**Authorized Signatory** For Mitra S.K. Private Limited

Signature

Name

: Mr. Bhaskarjyoti Dutta

Designation. : Chemist Prepared By:

Signature

Name

Designation.

: Mr. Dipankar Das

: Office Assistant

Signature

Name

: Mr Ravi Shankar Roy Designation : Branch Manager

The results relate only to the item(s) tested.

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



Name & Address of the	Customer	Report No.	: MSK/2024-25/02510
"M/s OIL INDIA LIMITED"  Duliajan, Dibrugarh, Assam-786602		Report Date	: 09.02.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: GCS HEBEDA GAON
- and, and - and - Barry 1 1004111	odilajai, Diorugan, Assain-7000/2		: MSKGL/ED/2024-25/01/02245
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO 812928	3 of Contract No. 6119277		
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
31.01.2025	03.02.2025	03.02.2025	09.02.2025

	ANALYSIS RE	SULT			
A.	General information about stack :	1:			
1,	Stack connected to : GL-C				
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	,			
3,	DG capacity	: NIL			
3.	Physical characteristics of stack :				
(4)	Height of the stack from ground level	: 4.572 m			
2.	Diameter of the stack at sampling point	: 0.1524 m			
3.	Area of Stack	: 0.01823 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)	190		LICEDA B 2 25 00 1006	
1.65		190	***	103EPA Part 2, 23.09.1996	
2.	Barometric Pressure (mm of Hg)	762		USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996	
2.	Barometric Pressure (mm of Hg) Velocity of gas (m/sec.)				
2. 3. 4.	Barometric Pressure (mm of Hg) Velocity of gas (m/sec.) Quantity of Gas Flow (Nm3/hr)	762		USEPA Part 2, 25.09.1996	
	Barometric Pressure (mm of Hg) Velocity of gas (m/sec.)	762 24.29		USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996	
2. 3. 4. 5.	Barometric Pressure (mm of Hg) Velocity of gas (m/sec.) Quantity of Gas Flow (Nm3/hr)	762 24.29 1022		USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 IS:13270:1992 Reaff, 2014	
2. 3. 4. 5.	Barometric Pressure (mm of Hg) Velocity of gas (m/sec.) Quantity of Gas Flow (Nm3/hr) Concentration of Oxygen (%v/v)	762 24.29 1022 13.8		USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996	
2. 3. 4. 5. 6. 7.	Barometric Pressure (mm of Hg) Velocity of gas (m/sec.) Quantity of Gas Flow (Nm3/hr) Concentration of Oxygen (%v/v) Concentration of Carbon Monoxide (mg/Nm3)	762 24.29 1022 13.8 20.5		USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014	
2. 3. 4. 5. 6. 7. 8.	Barometric Pressure (mm of Hg)  Velocity of gas (m/sec.)  Quantity of Gas Flow (Nm3/hr)  Concentration of Oxygen (%v/v)  Concentration of Carbon Monoxide (mg/Nm3)  Concentration of Carbon Dioxide (%v/v)  Concentration of Sulphur Dioxide (mg/Nm3)  Concentration of Nitrogen Oxide (ppmv)	762 24.29 1022 13.8 20.5 6.0		USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 USEPA-29, 25/06/1996	
2. 3. 4. 5. 6. 7. 8. 9.	Barometric Pressure (mm of Hg)  Velocity of gas (m/sec.)  Quantity of Gas Flow (Nm3/hr)  Concentration of Oxygen (%v/v)  Concentration of Carbon Monoxide (mg/Nm3)  Concentration of Carbon Dioxide (%v/v)  Concentration of Sulphur Dioxide (mg/Nm3)  Concentration of Nitrogen Oxide (ppmv)  Concentration of Lead (mg/Nm3)	762 24.29 1022 13.8 20.5 6.0 21.7		USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014	
2. 3. 4. 5. 6. 7. 8. 9.	Barometric Pressure (mm of Hg)  Velocity of gas (m/sec.)  Quantity of Gas Flow (Nm3/hr)  Concentration of Oxygen (%v/v)  Concentration of Carbon Monoxide (mg/Nm3)  Concentration of Sulphur Dioxide (mg/Nm3)  Concentration of Nitrogen Oxide (ppmv)  Concentration of Lead (mg/Nm3)  Concentration of Particulate matter (mg/Nm3)	762 24.29 1022 13.8 20.5 6.0 21.7 72.7		USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 USEPA-29, 25/06/1996 USEPA Part-6, 25/09/1996	
2. 3, 4. 5.	Barometric Pressure (mm of Hg)  Velocity of gas (m/sec.)  Quantity of Gas Flow (Nm3/hr)  Concentration of Oxygen (%v/v)  Concentration of Carbon Monoxide (mg/Nm3)  Concentration of Carbon Dioxide (%v/v)  Concentration of Sulphur Dioxide (mg/Nm3)  Concentration of Nitrogen Oxide (ppmv)  Concentration of Lead (mg/Nm3)	762 24.29 1022 13.8 20.5 6.0 21.7 72.7 <0.005		USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 USEPA-29, 25/06/1996 USEPA Part-6, 25/09/1996 USEPA-29, 25/06/1996	

Analyzed By:

Prepared By:

**Authorized Signatory** For Mitra S.K. Private Limited

Signature

Designation.

Name

: Mr. Bhaskarjyoti Dutta

: Chemist

Signature

Name

Designation.

: Mr. Dipankar Das

: Office Assistant

Signature

Name

Designation : Branch Menager

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Approved by



Name & Address of the	Customer	Report No.	: MSK/2024-25/02511
		Report Date	: 09.02.2025
"M/s OIL INDIA LIMITED"		Nature of Sample	: Stack Emission
Duliajan, Dibrugarh, Assam-786602		Sample Mark	: GCS HEBEDA GAON
Dunigun, Dioragani, Assan	700002	Sample Number	: MSKGL/ED/2024-25/01/02246
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO 812928	3 of Contract No. 6119277		
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
31.01.2025	03.02.2025	03.02.2025	09.02.2025

: 0.00810 m2			
Limit as per CPCB			
	USEPA Part 2, 25.09.1996		
1000	USEPA Part 2, 25.09.1996		
	USEPA Part 2, 25.09.1996		
/###	USEPA Part 2, 25.09.1996		
	IS:13270:1992 Reaff, 2014		
	IS:13270:1992 Reaff, 2014		
	IS:13270:1992 Reaff, 2014		
***	USEPA-29, 25/06/1996		
	USEPA Part-6, 25/09/1996		
	USEPA-29, 25/06/1996		
400	USEPA Part-17, 16/08/1996		
	USEPA 18 -25.09.1996		
222	AS PER CPCB		
	344		

**Analyzed By:** 

Prepared By:

**Authorized Signatory** 

For Mitra S.K. Private Limited

Signature

Name Designation. : Mr. Bhaskarjyoti Dutta

: Chemist

Signature

Name

Designation.

: Office Assistant

Signature : Mr. Dipankar Das

Name

Designation

: Branch Manager

The results relate only to the item(s) tested.

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### The Illumination Levels in Different Areas as per OISD RP-149

Name of Installation: GCS Hebeda Gaon Date: 20.12-2024

Time: 08.00 PM

SI. No.	Area	Standard Illumination Level as per OSID 149 (in Lux)	Measurement Illumination Level in Lux	Remarks
1	Main road (along process units,	7-10 lux	34	
	power house, workshops etc.)			
2	Secondary Roads (along storage tanks setting basin etc.)	3-5 lux	2,4	
3	Tank farm	10		
4	Pump houses, sheds	100	112	
5	Main Operation Platforms and acess stairs	60	76	
6	Ordinary platforms	20		
7	Process areas, pipe racks, heat exchanger, heater, separators, cooling tower, coloumns, pig launching/receiving loading areas, flare etc.	60		4
8	Switching gear building	150-200	620	
9	Transformer bay	100		
10	Battery room	150	548	
11	Controll room building/laboratory	400	1860	
12	Boiler house	150		
13	Charger/UPS rooms	150-200	590	
14	Cooling Tower	60		
15	Switchyard (i) Operating Areas	100		
16	(ii) Other Areas	50		
17	Warehouse	100		
18	Office	300	1070	
19	Compressor area	200	200	
20	Watch room	100		
21	Stairs	50		r .
22	Corridors / lifts	70	438	
23	Tube well, gate & watchman booth	100	64	
24	Fire House, Garage	100-150	35	

Make: METRVI

Model: 1310

SI.No: R220014751

Signature of IM / Authorized Person

Approved by Mr. Uttam Prodhan

Suptd. Research Scientist Oil India ltd, Duliajan, Assam

Oil India Ltd.

Robb Hyaniba.
Arabiciate Ergg-I.

Authorised Person

Mitra S K Private Limited 7 31

### **NOISE LEVEL MEASUREMENT REPORT**

LOCATION: GCS Hebeda Gracon

(Production Installation – Gas Compressor Stations)

Date : \_\_\_\_\_\_ Time : \_\_\_\_\_ 8.00 PM

SI. No.	Noise Level Measur	ement at	Measurement in dB(A)		value for Noise as	Recommendation
1	Control Room / Operator Room	Door Open	58	Duration per	Cound Lovel (dDA)	
1	Control Room / Operator Room	Door Closed 54 day(hours)	day(hours)	Sound Level (dBA)		
2	Air Compressor Shed		82	8	90	
3	Mid Point of Gas Compressor Shed		90	6	92	
4	At the Entrance		69	4	95 97	
5	Drenching / Trailer Fire Pump		91	2	100	
6	Powerhouse Shed		30	1 - ½	102	
7	Methanol / Glycol Pump		76	1	105	
8	Reboiler Shed		20	½ ¼ or less	110 115	

SI.	Noise Level	Noise level at		At	a dista	nce fron	n the she	ed				In di	B(A)		Near boundary of	
No.	Measurement at	source in		5 m	trs			10 n	ntrs			15	mtrs		the installation in	Remarks
		dB(A)	North	South	East	West	North	South	East	West	North	South	East	West	dB(A)	
1	[ PD -1	94	90	80	90	90										
2	FB-2	93	21	30	90	8 5									East – Co	
3	Cal- 1	93	90	85	50	90										
4	al - 2	53	90	90	8 9	20									West – 6 2	
5	AL - 3	52	82	00	85	98									North – 6 0	
6															7	
7											-				South - 59	
8	ĵ.														1	
9											10.=				†	
10	Í												-//			

Sound Level Meter:

Make - Ly TC

S/N-SL1350

Authorised Person Mitra SK Pvt. Ltd Approved by Mr. Uttam Prodhan Suptdg Research Scientist Oil India Ltd,Duliajan

Authorised Person Oil India Ltd.Duliajan



# **Ambient Air Quality Monitoring Report**

Name & Address of the Custome	er:	Report No. : MSK/2024-25/01728						
V		Report Date : 16.11,2024						
"M/s OIL INDIA LIMITED",		Sample Description : Ambient Air						
Duliajan, Dibrugarh, Assam-786	5602	Sample Number: MSKGL/ED/2024-25/11/00151 Sampling Location: GCS HEBEDA GAON						
····· · · · · · · · · · · · · · · ·								
		Instrument ID : RDS 221-DTJ-2016/ FPS 1120A22						
Ref. No.:W.O. NO 8129283 of	Contract No. 6119277	GPS Reading: N 27°51′38″, E 95°42′53″						
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date					
29.10.2024	01.11.2024	01.11.2024	08.11.2024					

SI. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1	Particulate Matter ( PM <sub>10</sub> )	IS: 5182 (Part-23)-2006	(µg/m3)	67.2	100
2.	Particulate Matter ( PM <sub>2.5</sub> )	IS: 5182 (Part-24)	(µg/m3)	37.6	60
3.	Sulphur Dioxide (SO <sub>2</sub> )	IS: 5182 (Part-2)-2001	(µg/m3)	7.0	80
4.	Nitrogen Dioxide (NO <sub>2</sub> )	IS: 5182 (Part-6)-2006	(µg/m3)	22.3	80
5.	Carbon Monoxide ( CO )	IS 5182 : (Part-10) :1999	(mg/m3)	0.86	2
6.	Ozone (O <sub>3</sub> )	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(μg/m3)	24.5	180
7.	Ammonia (NH <sub>3</sub> )	IS 5182 (Part 25) : 2018	(µg/m3)	12.3	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 <sub>6</sub> H <sub>6</sub> )	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	1.92	240
15.	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	ETA
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.92	
172	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(μg/m3)	<4.2	***

Analyzed By:

Retto

Signature

Name

: Mr. Bhaskarjyoti Dutta

Designation. : Chemist **Prepared By:** 

Signature Name

Designation.

: HiramoniRajbongshi : Office Assistant

**Authorized Signatory** ForMitra S.K. Private Limited

Signature

Name

: Mr. Ravi Sankar Roy Designation : Branch Manager

The resulta 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-7000 15

Head Office: Shrachi Centre (5th floor), 74B, A.J.C. Bose Road, Kolkata - 700 016. West Bengal, India. Tel.: 91 33 40143600 / 22656006 / 22650007 Fax: 91 33 22656008 Email: info@mitrask.com. Website: www.mitrask.com



# **Ambient Air Quality Monitoring Report**

Name &	Address of the Custom	er ;		Report No. : MSK/	2024-25/01933				
				Report Date : 16.12.2024					
"M/s OII	L INDIA LIMITED",			Sample Description	: Ambient Air				
Duliajan, Dibrugarh, Assam-786602				Sample Number: N	/SKGL/ED/2024	-25/12/00615			
				Sampling Location	ı : GCS HEBEDA	GAON			
				Instrument ID : RD	S 1940-DTB-2011	/ FPS 91-DTL-2	021		
Ref. No.:	:W.O. NO 8129283 of	Contract No. 6	5119277	GPS Reading: N 2	7º51/38", E 95º42	/53//			
Da	ate of Sampling	Sample	e Received Date	Analysis St	art Date	Analysis C	omplete Date		
	29.11.2024	0	2.12.2024	02.12.2	024	09.12	2.2024		
Envirom	nental Conditions Dur	ing Sampling	& Transport Condit	tion:Temperature: 2	27°C, Rain fall : 1	NO			
			Analy	sis Result					
SI. No.	Test Para	ameter		Method		Results	CPCB Lim		
Į,	Particulate Matter ( P	M <sub>10</sub> )	IS: 5182 (Part-2	IS: 5182 (Part-23)-2006		59.6	100		
2.	Particulate Matter ( I	PM <sub>25</sub> )	IS: 5182 (Part-2	IS: 5182 (Part-24)		33.4	60		
3.	Sulphur Dioxide (SC	02)	IS: 5182 (Part-2	IS: 5182 (Part-2)-2001		<6.0	80		
4.	Nitrogen Dioxide ( N	(O <sub>2</sub> )	IS: 5182 (Part-6	IS: 5182 (Part-6)-2006		18.3	80		
5,	Carbon Monoxide ( (	CO )	IS 5182 : (Part-1	IS 5182 : (Part-10) :1999		0.52	2		
6,	Ozone (O <sub>3</sub> )			IS:5182 (Part-IX)-1974 Reaffirmed-2019		<20.0	180		
7	Ammonia (NH <sub>3</sub> )		IS 5182 (Part 25	):2018	2018 (μg/m3)		400		
8.	Lead (Pb)		USEPA IO-3.4		(µg/m3)	<0.01	1		
9.	Nickel (Ni)		USEPA 10-3.4		(ng/m3)	<5.0	20		
10.	Arsenic (As ) USEPA IO		USEPA IO-3.4		(ng/m3)	<1.0	6		
$H_{\mathrm{sir}}$	Benzene ( C <sub>6</sub> H <sub>6</sub> ) IS 5182 :		IS 5182 : (Part 1	1) :2006	(μg/m3)	<4.2	5		
12.	Benzo(a)Pyrene (BaP) IS 5182 : (Part		2) :2004	(ng/m3)	<0.5	l			
13.	Mercury (Hg)		USEPA IO-5.0		(µg/m3)	<0.002	0276		
14.	Methane (Hydrocarbo	on)	IS 5182 : (Part 1	7)	ppm	2.19	(ava		
							(28.5)		

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

Analyzed By:

15.

16.

17.

Signature Name Designation.

Mr. Bhaskarjyoti Dutta

: Chemist

Non-methane (Hydrocarbon)

Volatile Organic Compounds (VOC)

Total Hydrocarbon

Prepared By:

IS 5182: (Part 17)

IS 5182: (Part 17)

IS 5182: (PART-11):2006

Signature

Name Designation. : Hiramoni Rajbongshi : Office Assistant

ppm

ppm

 $(\mu g/m3)$ 

Signature Name

Designation

< 0.5

2.19

<4.2

**Authorized Signatory** ForMitra S.K. Private Limited

> \* R330y : Mr. Ravi Sankar Roy : 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

Approved by Uttam Prodhan

Suptdg. Research Scientist, R&D Dept., Oil India Ltd., Duliajan, Assam

### **NOISE LEVEL MEASUREMENT REPORT**

LOCATION: GCS Hebeda Gracon

(Production Installation – Gas Compressor Stations)

Date : \_\_\_\_\_\_ Time : \_\_\_\_\_ 8.00 PM

SI. No.	Noise Level Measur	ement at	Measurement in dB(A)		value for Noise as	Recommendation
1	Control Room / Operator Room	Door Open	58	Duration per	Cound Lovel (dDA)	
1	Control Room / Operator Room	Door Closed 54 day(hours)	day(hours)	Sound Level (dBA)		
2	Air Compressor Shed		82	8	90	
3	Mid Point of Gas Compressor Shed		90	6	92	
4	At the Entrance		69	4	95 97	
5	Drenching / Trailer Fire Pump		91	2	100	
6	Powerhouse Shed		30	1 - ½	102	
7	Methanol / Glycol Pump		76	1	105	
8	Reboiler Shed		20	½ ¼ or less	110 115	

SI.	Noise Level	Noise level at		At	a dista	nce fron	n the she	ed				In di	B(A)		Near boundary of	
No.	Measurement at	source in		5 m	trs			10 n	ntrs			15	mtrs		the installation in	Remarks
		dB(A)	North	South	East	West	North	South	East	West	North	South	East	West	dB(A)	
1	[ PD -1	94	90	80	90	90										
2	FB-2	93	21	30	90	8 5									East – Co	
3	Cal- 1	93	90	85	50	90										
4	al - 2	53	90	90	8 9	20									West – 6 2	
5	AL - 3	52	82	00	85	98									North – 6 0	
6															7	
7											-				South - 59	
8	ĵ.														1	
9											10.=				†	
10	Í												-//			

Sound Level Meter:

Make - Ly TC

S/N-SL1350

Authorised Person Mitra SK Pvt. Ltd Approved by Mr. Uttam Prodhan Suptdg Research Scientist Oil India Ltd,Duliajan

Authorised Person Oil India Ltd.Duliajan



# **Ambient Air Quality Monitoring Report**

Name &	Address of the Customer	\$		Report No. : MSK	X/2024-25/02290				
				Report Date : 10.01.2025					
"M/s O11	. INDIA LIMITED",			Sample Description	on: Ambient Air				
Duliajan,	Dibrugarh, Assam-7866	02		Sample Number :	MSKGL/ED/202	4-25/01/00261			
<b>3</b> /	,			Sampling Locati	on: GCS HEBED	A GAON			
				Instrument ID : R	DS 01-DTK-2017/ F	PS 1126A22			
Ref. No.:	W.O. NO 8129283 of C	ontract No. 611	9277	GPS Reading : N	27°51′38″, E 95°42′	53"			
Da	ite of Sampling	Sample R	eceived Date	Analysis	Start Date	Analysis C	omplete Date		
	26.12.2024	29.	12.2024	29.12	.2024	06.0	1.2025		
Environ	ental Conditions Durin	ng Sampling &	Transport Condi	tion:Temperature	: 22°C, Rain fall : 1	NO			
			Analy	sis Result					
SI. No.	Test Paran	neter	N	Method	Unit	Results	CPCB Limi		
1,	Particulate Matter ( PM	10)	IS: 5182 (Part-	IS: 5182 (Part-23)-2006		64.5	100		
2,,	Particulate Matter ( PM	1 <sub>2,5</sub> )	IS : 5182 (Part-	IS: 5182 (Part-24)		32.1	60		
3.	Sulphur Dioxide (SO <sub>2</sub>	)	IS: 5182 (Part-	IS: 5182 (Part-2)-2001		7.6	80		
4.,	Nitrogen Dioxide ( NO	)2)	IS: 5182 (Part-	IS: 5182 (Part-6)-2006		21.7	80		
5.	Carbon Monoxide ( CC	))		IS 5182 : (Part-10) :1999		0.62	2		
6.	Ozone (O <sub>3</sub> )		IS:5182 (Part-12 Reaffirmed-201		(μg/m3)	<20.0	180		
7,	Ammonia (NH <sub>3</sub> )		IS 5182 (Part 2:	5): 2018	(μg/m3)	<10.0	400		
8.	Lead (Pb)		USEPA IO-3.4		(µg/m3)	<0.01	1		
9,	Nickel (Ni)		USEPA 10-3.4		(ng/m3)	<5.0	20		
10.	Arsenic (As)		USEPA IO-3.4	-0.	(ng/m3)	<1.0	6		
11,	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS 5182 : (Part	11) :2006	(µg/m3)	<4.2	5		
12.	Benzo(a)Pyrene ( BaP	)	IS 5182 : (Part	12) :2004	(ng/m3)	<0.5	I		
13.	Mercury ( Hg )		USEPA IO-5.0		(µg/m3)	< 0.002	444		
14.	Methane (Hydrocarbon	)	IS 5182 : (Part 1	17)	ppm	1.95	***		
15,	Non-methane (Hydroca	Non-methane (Hydrocarbon) IS 5182 : (Part 1		17)	ppm	<0.5	18996		
16.	Total Hydrocarbon		IS 5182 : (Part	17)	ppm	1.95	4+3-		
17.	Volatile Organic Comp	ounds (VOC)	IS 5182 : (PAR'	T-11):2006	(μg/m3)	<4.2			

**Analyzed By:** 

Prepared By:

**Authorized Signatory** ForMitra S.K. Private Limited

Signature

Name Designation.

: Mr.Bhaskarjyoti Dutta

Signature

Name

: HiramoniRajbongshi

Designation. : Office Assistant Signature

Name

: RSOO) : : Mr. Ravi Sankar Roy Designation: Branch Manager

The results relate only to the item(s) tested.

: Chemist

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

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	2		Report No.: MSK/	2024-25/02466				
				Report Date : 09.02	.2025				
"M/s OIL	. INDIA LIMITED",			Sample Description : Ambient Air					
Duliaian.	Dibrugarh, Assam-78660	02		Sample Number : M	ISKGL/ED/2024-	25/01/02156			
,				Sampling Location	: GCS HEBEDA	GAON			
				Instrument ID : RDS	S 221-DTJ-2016/ I	FPS 1120A22			
Ref. No.:	W.O. NO 8129283 of C	Contract No. 6119	277	GPS Reading: N 27	7°51′38″, E 95°42′	/53//			
Da	ate of Sampling	Sample Re	ceived Date	Analysis Sta	art Date	Analysis Co	omplete Date		
	31.01.2025	03.02	2.2025	03.02.20	025	09.02	2.2025		
Envirom	ental Conditions Durin	ng Sampling &	Transport Condit	ion :Temperature : 2	1°C, Rain fall: 1	VO			
			Analys	sis Result					
SI. No.	Test Parar	neter	N	lethod	Unit	Results	CPCB Limit		
1,0	Particulate Matter ( PM	I <sub>10</sub> )	IS: 5182 (Part-2	3)-2006	(µg/m3)	68.1	100		
2.	Particulate Matter ( PM	1 <sub>2.5</sub> )	IS: 5182 (Part-24)		(µg/m3)	31.9	60		
3.	Sulphur Dioxide (SO <sub>2</sub>	)	IS: 5182 (Part-2	)-2001	(µg/m3)	6.8	80		
4.	Nitrogen Dioxide ( NO	)2)	IS: 5182 (Part-6)-2006		(µg/m3)	23.5	80		
5.	Carbon Monoxide ( CC	))	IS 5182 : (Part-10) :1999		(mg/m3)	0.76	2		
6,	Ozone (O <sub>3</sub> )		IS:5182 (Part-IX)-1974 Reaffirmed-2019		(μg/m3)	23.8	180		
7	Ammonia (NH <sub>3</sub> )		IS 5182 (Part 25	): 2018	(µg/m3)	11.9	400		
8.	Lead (Pb)		USEPA IO-3.4		(µg/m3)	< 0.01	1		
9.	Nickel (Ni)		USEPA 10-3.4		(ng/m3)	<5.0	20		
10.	Arsenic (As)		USEPA IO-3.4		(ng/m3)	<1.0	6		
11.	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS 5182 : (Part 1	1) :2006	(µg/m3)	<4.2	5		
12.	Benzo(a)Pyrene ( BaP	)	IS 5182 : (Part 1	2) :2004	(ng/m3)	<0.5	1		
13.	Mercury ( Hg ) USEPA IO-5.0		USEPA IO-5.0		(µg/m3)	<0.002	***		
14.	4. Methane (Hydrocarbon) IS 5182 : (Pa		IS 5182 : (Part 1	7)	ppm	2.19	(4.4)		
15.	Non-methane (Hydrocarbon) IS 5182 : (1		IS 5182 : (Part 1	7)	ppm	<0.5			
16.	Total Hydrocarbon		IS 5182 : (Part 1	7)	ppm	2.19	9441		
17.	Volatile Organic Comp	ounds (VOC)	IS 5182 : (PART	°-11):2006	(µg/m3)	<4.2	22.		

**Analyzed By:** 

Prepared By:

**Authorized Signatory** ForMitra S.K. Private Limited

Signature Name

Designation.

: Mr. Bhaskarjyoti Dutta : Chemist

Signature Name

Designation.

: Mr. Dipankar Das : Office Assistant

Signature Name

Designation

: Branch Manager

The results relate only to the item(s) tested.

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Our Lab is Approved by ISO/IEC 17025: 2017 & Assam PCB, Lab Address: House No 9,2<sup>nd</sup> Floor, Arunachal Path, R.G. Rarnah Road, Guwahati-781021(Assan

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

Approved by Uttam Prodhan

Suptdg. Research Scientist, R&D Dept., Oil India Ltd., Duliajan, Assam

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 2024 to March 2025.

	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 & Nonmethane), 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.	Copy of newspaper advertisement forwarded

	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, SO2, NOx, VOCs 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 upwind & 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 m³/day per GCS, 17 m³/day per FGS and around 15 m³/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 Dublic	Complied
XXII	All the commitments made to the public during the Public Hearing/Public Consultation meeting held on 23rd August,	Compiled
	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.	The CCD Delies of the
xxiii	At least 5 % of the total cost of the project shall be earmarked	The CSR Policy of the
	towards corporate social responsibility and item-wise details	company is already in place
	along with time bound action plan shall be prepared and	and the same is being
	submitted to the Ministry's Regional Office at Shillong.	implemented in time bound
	Implementation of such program shall be ensured accordingly	phased manner as per
	in a time bound manner.	government directive.
xxiv	Company shall prepare operating manual in respect of all	Complied
	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.	
XXV	Project proponent shall comply with the environment protection	Complied
	measures and safeguards recommended in the EIA/EMP/risk	
	analysis report/disaster management plan.	
xxvi	Provision shall be made for the housing of construction labour	Presently Not Applicable
	<u>=</u>	
	•	
	- · · · · · · · · · · · · · · · · · · ·	
	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.	7 11



# **Ambient Air Quality Monitoring Report**

Name & Address of the Customer :			Report No.: MSK/2024-25/02812				
			Report Date : 29.03.2025				
"M/s OIL INDIA LIMITED",  Duliajan, Dibrugarh, Assam-786602			Sample Description : Ambient Air				
				Sample Number : MSKGL/ED/2024-25/03/01710			
			Sampling Location: FGGS CHABUA				
			Instrument ID :RDS 1940-DTB-2011/ FPS 91-DTL-2021				
Ref. No.:	W.O. NO 8129283 of	Contract No. 6119	277	GPS Reading: N 2	.7°51′38″, E 95°42	2/53//	
Da	ate of Sampling	Sample Re	ceived Date	Analysis Start Date		Analysis Complete Date	
	18.03.2025	21.03	3.2025	21.03.2025		28.03.2025	
Envirom	nental Conditions Dur	ring Sampling &	Transport Conditi	ion:Temperature: 2	23°C, Rain fall : 1	40	
			Analys	sis Result			
SI. No.	Test Para	ameter	M	lethod	Unit	Results	CPCB Limit
1,	Particulate Matter ( P	M <sub>10</sub> )	IS: 5182 (Part-2	3)-2006	(μg/m3)	69.6	100
2.	Particulate Matter ( PM <sub>25</sub> )		IS: 5182 (Part-24)		(μg/m3)	39.1	60
3.	Sulphur Dioxide (SO <sub>2</sub> )		IS: 5182 (Part-2)-2001		(µg/m3)	8.0	80
4.	Nitrogen Dioxide (NO2)		IS: 5182 (Part-6)-2006		(µg/m3)	21.5	80
5.	Carbon Monoxide ( CO )		IS 5182 : (Part-10) :1999		(mg/m3)	0.70	2
6.	Ozone (O <sub>3</sub> )		IS:5182 (Part-IX)-1974 Reaffirmed-2019		(µg/m3)	23.1	180
7	Ammonia (NH <sub>3</sub> )		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 <sub>ici</sub>	Benzene (C <sub>6</sub> H <sub>6</sub> ) IS 5182		IS 5182 : (Part 1	IS 5182 : (Part 11) :2006 (μg		<4.2	5
12.	Benzo(a)Pyrene (BaP) IS 5182 : (Part 12		2) :2004	(ng/m3)	<0.5	1	
13.	Mercury ( Hg )		USEPA IO-5.0		(µg/m3)	<0.002	(***)
14.	Methane (Hydrocarb	on)	IS 5182 : (Part 1	7)	ppm	1.93	444
15.	Non-methane (Hydro	ocarbon)	IS 5182 : (Part 1	7)	ppm	<0.5	
16.	Total Hydrocarbon		IS 5182 : (Part 1	7)	ppm	1.93	1222
	Volatile Organic Compounds (VOC) IS 5182 : (PART						

**Analyzed By:** 

**Prepared By:** 

**Authorized Signatory** 

ForMitra S.K. Private Smited

Signature Name

Designation.

: Mr.Dipankar Mazumdar : Technical Manager

Signature Name

Designation.

: Mr.Dipankar Das : Office Assistant

Signature

: Mr. Ravi Sankar R Name Designation: Branch Manager

The results relate only to the item(s) tested.

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Our Lab is Approved by ISO/IEC 17025: 2017 & Assam PCB, Lab Address: House No 9,2<sup>nd</sup> Floor, Arunachal Path, R.G. Baruah Road, Guwahati-781021(Assam)

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



Name &	Address of the Custome	er 🌾		Report No. : MSK/2024-25/02656				
				Report Date : 09.03.2025 Sample Description : Ambient Air				
"M/s OII	L INDIA LIMITED",							
Duliajan.	, Dibrugarh, Assam-786	6602		Sample Number : N	MSKGL/ED/202	4-25/02/01430		
,				Sampling Location : FGGS CHABUA				
			Instrument ID : RDS	S 1940-DTB-2011	/ FPS 91-DTL-2	021		
Ref. No.:	W.O. NO 8129283 of	GPS Reading: N 2	27°51′38″, E 95°42	2/53//				
Da	ate of Sampling	Sample Re	ceived Date	Analysis St	art Date	Analysis C	omplete Date	
	21.02.2025	24.02	2.2025	24.02.2	2025	03.0	3.2025	
Environ	nental Conditions Du	ring Sampling &	Transport Conditi	ion:Temperature:	26°C, Rain fall:	NO		
			Analys	sis Result				
SI. No.	Test Parameter Me		ethod	Unit	Results	CPCB Limit		
1,0	Particulate Matter ( P	culate Matter ( PM <sub>10</sub> ) IS : 5182 (Part-23		3)-2006	(µg/m3)	64.7	100	
2.	Particulate Matter ( I	PM <sub>2.5</sub> )	IS: 5182 (Part-2	4)	(µg/m3)	35.7	60	
3,	Sulphur Dioxide (SO <sub>2</sub> ) IS		IS: 5182 (Part-2	IS: 5182 (Part-2)-2001		6.8	80	
41	Nitrogen Dioxide (NO2)		IS: 5182 (Part-6)-2006		(μg/m3)	21.5	80	
5.	Carbon Monoxide ( C	CO)	IS 5182 : (Part-10) :1999		(mg/m3)	0.58	2	
6.	Ozone (O <sub>3</sub> )		IS:5182 (Part-IX)-1974 Reaffirmed-2019		(µg/m3)	<20.0	180	
7.	Ammonia (NH <sub>3</sub> )		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 <sub>6</sub> H <sub>6</sub> )	A	IS 5182 : (Part 1	1):2006	(µg/m3)	<4.2	5	
12.	Benzo(a)Pyrene ( Bal	P)	IS 5182 : (Part 12	2) :2004	(ng/m3)	<0.5	1	
13;	Mercury ( Hg )		USEPA IO-5.0		(µg/m3)	<0.002	was:	
14.	Methane (Hydrocarbon)		IS 5182 : (Part 17	7)	ppm	1.93	2000	
15.	Non-methane (Hydrocarbon)		IS 5182 : (Part 17	7)	ppm	<0.5	2000	
16.	Total Hydrocarbon		1S 5182 : (Part 1'	7)	ppm	1.93	(888)	

**Analyzed By:** 

**Prepared By:** 

Signature

Name Designation.

: Mr.Dipankar Mazumdar

: Technical Manager

Signature

Name

Designation.

: Mr.Dipankar Das

Office Assistant

**Authorized Signatory** ForMitra S.K. Private Limited

Signature

Name

Designation : Branch Manager

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

Approved by



Report No. : MSK/2024-25/02402					
Report Date: 29.01.2025  Sample Description: Ambient Air  Sample Number: MSKGL/ED/2024-25/01/01845  Sampling Location: FGGS CHABUA					
			Instrument ID : RDS 1317-DTK-2008/FPS92-DTL-2021		
			GPS Reading: N 27°51′38″, E 95°42′53″		
			nalysis Start Date	Analysis Complete Date	
23.01.2025	29.01.2025				
	23.01.2025 ture : 24°C, Rain fall				

		Analysis Result			
SI. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1.	Particulate Matter ( PM <sub>10</sub> )	IS: 5182 (Part-23)-2006	(µg/m3)	70.4	100
2.	Particulate Matter ( PM <sub>25</sub> )	IS: 5182 (Part-24)	(µg/m3)	38.2	60
3.	Sulphur Dioxide (SO <sub>2</sub> )	IS: 5182 (Part-2)-2001	(µg/m3)	7.2	80
4.	Nitrogen Dioxide (NO2)	1S: 5182 (Part-6)-2006	(µg/m3)	21.9	80
5.	Carbon Monoxide ( CO )	IS 5182 : (Part-10) :1999	(mg/m3)	0.74	2
6.	Ozone (O <sub>3</sub> )	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m3)	23.1	180
7.8	Ammonia (NH <sub>3</sub> )	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 <sub>6</sub> H <sub>6</sub> )	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	(*9%)
14.	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	1.90	2200
15	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	100
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.90	2660
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(μg/m3)	<4.2	375

**Analyzed By:** 

Prepared By:

**Authorized Signatory** ForMitra S.K. Private Limited

Signature

Name

: Mr. Ravi Sankar Roy Designation: Branch Manager

Signature Name : Chemist

Designation.

: Mr.Bhaskarjyoti Dutta

Signature Name Designation.

: Mr. Dipankar Das : Office Assistant

The results relate only to the item(s) tested.

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

Approved by Uttam Prodhan



Name & Address of the Customer		Report No. : MSK/2024-25/02228/	139		
	į,	Report Date : 29.12.2024			
"M/s OIL INDIA LIMITED",		Sample Description : Ambient Air Sample Number : MSKGL/ED/2024-25/12/02066			
Duliajan, Dibrugarh, Assam-7866	502				
oungar, proragari, rissair room2		Sampling Location: FGGS CHABUA			
		Instrument ID : RDS 1940-DTB-2011/ FPS 91-DTL-2021			
Ref. No.:W.O. NO 8129283 of 0	Contract No. 6119277	GPS Reading: N 27°51′38″, E 95°42′53″			
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date		
18.12.2024 21.12.2024		21.12.2024	29.12.2024		
Environmental Conditions Duri	ng Sampling & Transport Cond	dition :Temperature : 21°C, Rain fall	:NO		

		Analysis Result			
SI. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1,	Particulate Matter ( PM <sub>10</sub> )	IS: 5182 (Part-23)-2006	(µg/m3)	68.2	100
2.	Particulate Matter ( PM <sub>2.5</sub> )	IS: 5182 (Part-24)	(μg/m3)	42.5	60
3.	Sulphur Dioxide (SO <sub>2</sub> )	IS: 5182 (Part-2)-2001	(μg/m3)	7.3	80
4.	Nitrogen Dioxide (NO <sub>2</sub> )	IS: 5182 (Part-6)-2006	(µg/m3)	21.5	80
5,	Carbon Monoxide ( CO )	IS 5182 : (Part-10) :1999	(mg/m3)	0.62	2
6.	Ozone (O <sub>3</sub> )	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m3)	<20.0	180
7.	Ammonia (NH <sub>3</sub> )	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
$11_{\S}$	Benzene ( C <sub>6</sub> H <sub>6</sub> )	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	2.05	343
15.	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	2.05	***

**Analyzed By:** 

17.

**Prepared By:** 

Signature

Name Designation.

Volatile Organic Compounds (VOC)

: Mr.Bhaskarjyoti Dutta

: Chemist

Signature

Name

: HiramoniRajbongshi

IS 5182: (PART-11):2006

Designation.

: Office Assistant

**Authorized Signatory** 

ForMitra S.K. Private Limited

<4.2

Signature

 $(\mu g/m3)$ 

Name

: Mr Ravi Sankar 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

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



Name &	Address of the Custom	er :		Report No.: MSK/2024-25/01837				
				Report Date: 02.12.2024				
"M/s Oll	L INDIA LIMITED",			Sample Descripti	on: Ambient Air			
Duliajan, Dibrugarh, Assam-786602			Sample Number :	MSKGL/ED/2024	-25/11/01213			
				Sampling Locati	on : FGGS CHABU	JA		
				Instrument ID : R	DS 01-DTK-2017/ I	PS 1126A22		
Ref. No.:W.O. NO 8129283 of Contract No. 6119277			GPS Reading: N 27°51′38″, E 95°42′53″					
Da	ate of Sampling	Sample	e Received Date	Analysis Start Date Analysis Complete			omplete Date	
	20.11.2024	2	23.11.2024	23.11.2024		30.11.2024		
Environ	nental Conditions Dur	ring Sampling	g & Transport Condit	ion:Temperature	: 29°C, Rain fall : 1	NO		
	74		Analys	sis Result				
SI. No.	Test Para	ameter	M	ethod	Unit	Results	CPCB Limit	
18	Particulate Matter ( P	M <sub>10</sub> )	IS: 5182 (Part-2	3)-2006	(μg/m3)	63.9	100	
2.	Particulate Matter (	PM <sub>2.5</sub> )	IS: 5182 (Part-2	IS: 5182 (Part-24)		34.8	60	
3	Sulphur Dioxide (SC	) <sub>2</sub> )	IS: 5182 (Part-2	IS: 5182 (Part-2)-2001		7.0	80	
4.	Nitrogen Dioxide ( N	IO <sub>2</sub> )	IS: 5182 (Part-6	)-2006	(µg/m3)	18.5	80	
5.	Carbon Monoxide ( C	CO)	IS 5182 : (Part-1	0) :1999	(mg/m3)	0.64	2	
6.	6. Ozone (O <sub>3</sub> ) IS:5182 (Part-IX) Reaffirmed-2019			(μg/m3)	<20.0	180		
7,:	Ammonia (NH <sub>3</sub> )	H <sub>3</sub> ) 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	

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

Analyzed By:

10.

11.

12.

13.

14.

15.

16.

17.

Arsenic (As)

Benzene (C<sub>6</sub>H<sub>6</sub>)

Mercury (Hg)

Total Hydrocarbon

Benzo(a)Pyrene (BaP)

Methane (Hydrocarbon)

Non-methane (Hydrocarbon)

Volatile Organic Compounds (VOC)

Signature Name

: Mr. Bhaskarjyoti Dutta

Designation. : Chemist Prepared By:

USEPA IO-3.4

USEPA IO-5.0

IS 5182: (Part 17)

IS 5182: (Part 17)

IS 5182: (Part 17)

IS 5182: (PART-11):2006

IS 5182: (Part 11):2006

IS 5182: (Part 12):2004

Signature Name

Designation.

: Hiramoni Rajbongshi

: Office Assistant

**Authorized Signatory** ForMitra S.K. Private Limited

<1.0

<4.2

< 0.5

< 0.002

1.90

< 0.5

1.90

<4.2

6

5

1

Signature

Name

(ng/m3)

 $(\mu g/m3)$ 

(ng/m3)

 $(\mu g/m3)$ 

ppm

ppm

ppm

 $(\mu g/m3)$ 

: Resource : Mr. Ravi Sankar Roy Designation : Branch Manager

The results relate only to the item(s) tested.

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> Approved by Uttam Prodhan



Name & Address of the Custom	er:	Report No.: MSK/2024-25/01659			
		Report Date: 30.10.2024			
"M/s OIL INDIA LIMITED",	· ·	Sample Description : Ambient Air Sample Number : MSKGL/ED/2024-25/10/01516			
Duliajan, Dibrugarh, Assam-786	5602				
, , , , , , , , , , , , , , , , , , , ,		Sampling Location :FGGS CHABUA			
		Instrument ID: RDS 1940-DTB-2011/FPS 91-DTL-2021			
Ref. No.:W.O. NO 8129283 of	Contract No. 6119277	GPS Reading: N 27 <sup>0</sup> 51 <sup>1</sup> /38 <sup>1</sup> /, E 95 <sup>0</sup> 42 <sup>1</sup> /53 <sup>1</sup> /			
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date		
15.10.2024 18.10.2024		18.10.2024	25.10.2024		

SI. No.	Test Parameter	Method	Unit	Results	CPCB Limit
150	Particulate Matter ( PM <sub>10</sub> )	IS: 5182 (Part-23)-2006	(µg/m3)	66.3	100
2.	Particulate Matter ( PM <sub>2.5</sub> )	IS: 5182 (Part-24)	(µg/m3)	32.2	60
3.	Sulphur Dioxide (SO <sub>2</sub> )	IS: 5182 (Part-2)-2001	(μg/m3)	6.9	80
4	Nitrogen Dioxide (NO <sub>2</sub> )	IS: 5182 (Part-6)-2006	(µg/m3)	21.3	80
5.	Carbon Monoxide ( CO )	IS 5182 : (Part-10) :1999	(mg/m3)	0.70	2
6.	Ozone (O <sub>3</sub> )	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(μg/m3)	20.7	180
7,,	Ammonia (NH <sub>3</sub> )	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 <sub>6</sub> H <sub>6</sub> )	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	2.05	***
15.	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	:***
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	2.05	J 7:51)T
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(μg/m3)	<4.2	(900)

**Analyzed By:** 

Signature

Name

: Mr.Bhaskarjyoti Dutta

Designation. : Chemist **Prepared By:** 

Signature Name

Designation.

: HiramoniRajbongshi

: Office Assistant

**Authorized Signatory** 

ForMitra S.K. Private Limited

Signature

Name

Designation: Branch Manager

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



Name & Address of the	Customer	Report No.	: MSK/2024-25/02643
"M/s OIL INDIA LIMITED"  Duliajan, Dibrugarh, Assam-786602		Report Date	: 05.03.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: FGGS CHABUA
Dunajan, Dioragam, Assam	700002	Sample Number	: MSKGL/ED/2024-25/02/01539
		Instrument ID	: 135-H-19
Ref. No.:W.O. NO 812928	3 of Contract No. 6119277		
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
21.02.2025	24.02.2025	23.02.2025	02.03.2025

### ANAI VOIC DECILLT

۹.	General information about stack :	*				
i.	Stack connected to	: GEG-1				
	Emission due to	: NG				
3.	Material of construction of Stack	: MS				
	Shape of Stack	: Circular				
	Whether stack is provided with permanent platform & ladder	: Yes				
	DG capacity	: 618 KVA				
3,	Physical characteristics of stack :					
,	Height of the stack from ground level	: 7.62 m				
	Diameter of the stack at sampling point	: 0.0762 m				
	Area of Stack	: 0.00145 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)	157		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.)	19.93		USEPA Part 2, 25.09.1996		
4.	Quantity of Gas Flow (Nm3/hr)	19.93 72		USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996		
4.	Quantity of Gas Flow (Nm3/hr) Concentration of Oxygen (%v/v)	+				
4. 5.	Quantity of Gas Flow (Nm3/hr) Concentration of Oxygen (%v/v) Concentration of Carbon Monoxide (g/kW-hr)	72		USEPA Part 2, 25.09.1996		
4. 5. 6.	Quantity of Gas Flow (Nm3/hr) Concentration of Oxygen (%v/v)	72 13.8		USEPA Part 2, 25.09.1996 IS:13270:1992 Reaff, 2014		
3. 4. 5. 6. 7.	Quantity of Gas Flow (Nm3/hr)  Concentration of Oxygen (%v/v)  Concentration of Carbon Monoxide (g/kW-hr)  Concentration of Carbon Dioxide (%v/v)  Concentration of Sulphur Dioxide (mg/Nm3)	72 13.8 0.326	 ≤ 3.5	USEPA Part 2, 25.09.1996 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014		
4. 5. 6. 7.	Quantity of Gas Flow (Nm3/hr)  Concentration of Oxygen (%v/v)  Concentration of Carbon Monoxide (g/kW-hr)  Concentration of Carbon Dioxide (%v/v)	72 13.8 0.326 5.8	 ≤ 3.5	USEPA Part 2, 25.09.1996 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014		
4. 5. 6. 7. 8.	Quantity of Gas Flow (Nm3/hr) Concentration of Oxygen (%v/v) Concentration of Carbon Monoxide (g/kW-hr) Concentration of Carbon Dioxide (%v/v) Concentration of Sulphur Dioxide (mg/Nm3) Concentration of Nitrogen Oxide & Hydrocarbons	72 13.8 0.326 5.8 25.3	 ≤ 3.5	USEPA Part 2, 25.09.1996 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 USEPA-29, 25/06/1996 USEPA Part-7, 12/03/1996&		
4. 5. 6. 7.	Quantity of Gas Flow (Nm3/hr) Concentration of Oxygen (%v/v) Concentration of Carbon Monoxide (g/kW-hr) Concentration of Carbon Dioxide (%v/v) Concentration of Sulphur Dioxide (mg/Nm3) Concentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr)	72 13.8 0.326 5.8 25.3 0.481	 ≤ 3.5  ≤ 4.7	USEPA Part 2, 25.09.1996 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 USEPA-29, 25/06/1996 USEPA Part-7, 12/03/1996& USEPA 18 -25.09.1996		

**Analyzed By:** 

**Prepared By:** 

**Authorized Signatory** 

Signature

: Mr. Dipankar Mazumdar

Name

Signature

ForMitra S.K. Private Limited

Name

: Mr. Dipankar Das

Signature

Designation.

: Technical Manager

Designation. : Office Assistant Name Designation : Branch Wanager

The results relate only to the item(s) tested.

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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

Approved by



Name & Address of the Customer		Report No.	: MSK/2024-25/02644
"M/s OIL INDIA LIMITED"  Duliajan, Dibrugarh, Assam-786602		Report Date	: 05.03.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: FGGS CHABUA
Dunajan, Diorugain, Assam	780002	Sample Number	: MSKGL/ED/2024-25/02/01540
		Instrument ID	: 135-H-19
Ref. No.:W.O. NO 812928	3 of Contract No. 6119277		
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
21.02.2025	24.02.2025	23.02.2025	02.03.2025

	ANALYSIS RE	SULT			
Α.	General information about stack :				
1	Stack connected to	: DRENCHING PUMP-1 (ENGINE TYPE-6SL1500TA NO -2572/1200009)			
2.	Emission due to	: HSD			
3.	Material of construction of Stack	: MS			
1.	Shape of Stack	: Circular			
5,	Whether stack is provided with permanent platform & ladder	: Yes			
3.	DG capacity	: 255 HP			
3.	Physical characteristics of stack :				
	Height of the stack from ground level	: 6.096 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)	142	·	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.)	18.24		USEPA Part 2, 25.09.1996	
4.	Quantity of Gas Flow (Nm3/hr)	380		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)	0.171	≤ 3.5	IS:13270:1992 Reaff, 2014	
7.	Concentration of Carbon Dioxide (%v/v)	6.0	***	IS:13270:1992 Reaff, 2014	
8.	Concentration of Sulphur Dioxide (mg/Nm3)	23.5		USEPA-29, 25/06/1996	
9.	Concentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr)	0.265	≤ 4.7	USEPA Part-7, 12/03/1996& USEPA 18 -25.09.1996	
10.	Concentration of Lead (mg/Nm3)	< 0.005	7892	USEPA-29, 25/06/1996	
11.	Concentration of Particulate matter (g/kW-hr)	0.102	≤ 0.3	USEPA Part-17, 16/08/1996	
12.	Smoke Limit (Light Absorption Coefficient, m-1)	0.079K	≤ 0.7	AS PER CPCB	
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 Name

: Mr. Dipankar Das

Signature Name

Name Designation. : Mr. Dipankar Mazumdar : Technical Manager

Designation.

: Office Assistant

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

Approved by



Name & Address of the Customer		Report No.	: MSK/2024-25/02645
"M/s OIL INDIA LIMITED"  Duliajan, Dibrugarh, Assam-786602		Report Date	: 05.03.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: FGGS CHABUA
Dullajan, Diolugari, Assain	Dullajan, Diolugari, Assain-160002		: MSKGL/ED/2024-25/02/01541
		Instrument ID	: 135-H-19
Ref. No.:W.O. NO 812928	3 of Contract No. 6119277		
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
21.02.2025	24.02.2025	23.02.2025	02.03.2025

	ANALYSIS RE	SULT					
A.	General information about stack :	:					
1.	Stack connected to	: DRENCHING PUMP-2 (ENGINE TYPE-6SL1500TA SL NO -2572/1200012)					
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					
3.	Physical characteristics of stack :						
1,.	Height of the stack from ground level	: 6.096 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)	138		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.)	18.58		USEPA Part 2, 25.09.1996			
4.	Quantity of Gas Flow (Nm3/hr)	391	***	USEPA Part 2, 25.09.1996			
5.	Concentration of Oxygen (%v/v)	13.2	***	IS:13270:1992 Reaff, 2014			
6.	Concentration of Carbon Monoxide (g/kW-hr)	0.169	≤ 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)	22.9	***	USEPA-29, 25/06/1996			
9.	Concentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr)	0.262	≤ 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			
12.	Smoke Limit (Light Absorption Coefficient, m-1)	0.093K	≤ 0.7	AS PER CPCB			
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

Signature

Designation.

Name

: Mr. Dipankar Mazumdar

Technical Manager

Signature

Name

Designation.

: Mr. Dipankar Das

: Office Assistant

Name

Signature

Designation: Branch Manager

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

Approved by



Name & Address of the Customer		Report No.	: MSK/2024-25/02646
		Report Date	: 05.03.2025
"M/s OłL INDIA LIMITED"  Duliajan, Dibrugarh, Assam-786602		Nature of Sample	: Stack Emission
		Sample Mark	: FGGS CHABUA
Dunajan, Dioragam, Assam	760002	Sample Number	: MSKGL/ED/2024-25/02/01542
		Instrument ID	: 135-H-19
Ref. No.:W.O. NO 812928	3 of Contract No. 6119277		
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
21.02.2025	24.02.2025	23.02.2025	02.03.2025

	ANALYSIS RE	SULT				
Α.	General information about stack :	:				
1.	Stack connected to	: GENSET (SL NO 05051957)				
2.	Emission due to	: NG				
3.	Material of construction of Stack	: MS	9			
1.	Shape of Stack	: Circular				
5.	Whether stack is provided with permanent platform & ladder	: Yes				
3.	DG capacity	: 125 KVA				
3.	Physical characteristics of stack :					
	Height of the stack from ground level	: 2.4384 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: NG	1				
D.	Result of sampling & analysis of gaseous emission	Result	Limit as per CPCB	Method		
1,	Temperature of emission (°C)	121		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.)	17.75	***	USEPA Part 2, 25.09.1996		
4.	Quantity of Gas Flow (Nm3/hr)	389	***	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)	0.125	≤ 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)	19.6	•••	USEPA-29, 25/06/1996		
9.	Concentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr)	0,221	≤ 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)	0.072	≤ 0.3	USEPA Part-17, 16/08/1996		
12.	Smoke Limit (Light Absorption Coefficient, m-1)	0.041K	≤ 0.7	AS PER CPCB		
12. E.		0.041K	-			

**Analyzed By:** 

Technical Manager

Prepared By:

**Authorized Signatory** ForMitra S.K. Private Limited

Signature Name

Designation.

4 Mr. Dipankar Mazumdar

Signature Name

Designation.

: Mr. Dipankar Das

Signature

Name

Designation : Branch Manager

The results relate only to the item(s) tested.

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## **NOISE LEVEL MEASUREMENT REPORT**

LOCATION: FAAS Chabua

(Production Installation - FGGS / HSU)

Date: 18-12-2024 Time: 09.00 PM

SI. No.	Noise Level Measurement at		Measurement in dB(A)	Threshold limit valu OISD-	Recommendation	
1	Control Room / Operator Room	Door Open	59	Duration per	Sound Level	
	Control Room / Operator Room	Door Closed	59	day(hours)	(dBA)	
2	Middle of Process Area		65	8	90	
3	At the Entrance		47	6	92	. 5
4	Security Hut		44	4	95	
5	Meter Shed		64	3	97	
6	Tank Area			1 - 1/2	102	
7	Air Compressor		79	1	105	
				1/2	110	
				¼ or less	115	

SI. No.	Noise Level	Noise level at		At	a dista	nce fron	n the she	ed				In di	B(A)	k,	Near boundary	
	Measurement at source	source in		5 m	itrs			10 mtrs		15 mtrs			of the installation in	Installation in	Remarks	
		dB(A)	North	South	East	West	North	South	East	West	North	South	East	West	dB(A)	
1	CODP													77		
2	Indirect Heater	78	70	71	70	70								-	East - \$6	
3	Drenching pump	94	84	88	84	84	73	24	73	12						
4	FWDP														West - 54	
5	Power House	85	75	78	79	79									North - 50	
6	Chemical Dosing Pump														South - 5 2	
7	SCADA Room															
8	Water Pump House														<	

Sound Level Meter:

Make - HTC

Authorised Pers

S/N- SC1350

Approved by

Mr. Uttam Prodhan Suptdg Research Scientist Oil India Ltd, Dullajan

**Authorised Person** Oil India Ltd.Duliajan



## STATUS OF COMPLIANCE OF EC CONDITIONS

<u>Installation</u>: Central Gas Gathering Station and Offtake Point (CGGS & OTP), Madhuban <u>Feeder Pipelines</u>: 03 Nos (between CGGS & LPG OTP)
<u>Period</u>: 01/10/2024-31/03/2025

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

	A. Speci	fic Condition	
Sl No.	EC Condition	Name of Installation	Compliance status/ Remark
ì	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	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.
	Dibru-Saikhowa National Park).	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	Point (CGGS & OTP)- Madhuban	
	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.	Feeder Pipelines – 03 Nos.	Not Applica ble
V	Regular ambient air quality monitoring of PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> , VOC <sub>s</sub> 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	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.
	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.	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 m³ and 1 no. of 250 m³) 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 m³/day per GCS, 17 m³/day per FGS and around 15 m³/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	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Complied
	water drains shall be connected to oil water separator and passed through guard pond. Water quality monitoring of guard pond shall be conducted	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.
1 4		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	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban Feeder Pipelines	Complied
	off in accordance with the Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2008.	- 03 Nos.	
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.
		Feèder 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
* 11		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

7.7.3		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 m³ and 1 no. of capacity 250 m³) 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
. 77		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	Complied
		- 03 Nos.	Complica
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	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Complied
	allocated and information submitted to the Ministry's Regional Office at Shillong.	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	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.
	ensured accordingly in a time bound manner.	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	Feeder Pipelines	Complied
11-11-11-11-11-11-11-11-11-11-11-11-11-	management. All the schedules and results	- 03 Nos.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	of environmental monitoring shall be		
	available at the project site office.		Land to the state of
XXV	Project proponent shall comply with the	Central Gas	Complied
1 2	environment protection measures and	Gathering	is a plan of a
	safeguards recommended in the	Station and	The same of the same of
	EIA/EMP/risk analysis report/disaster	Offtake	mel's and a second
	management plan.	Point (CGGS &	
11		OTP)-	No the second second second
		Madhuban	
(4)		Feeder Pipelines	Complied
		– 03 Nos.	THE WASHINGTON
xxvi	Provision shall be made for the housing of	Central Gas	Complied.
	construction labour within the site with all	Gathering	Presently Not Applicable.
10 V	necessary infrastructure and facilities such	Station and	
× .	as fuel for cooking, mobile toilets, Safe	Offtake	
-	drinking water, medical health care,	Point (CGGS &	- F. F.
4 7	crèche etc. The housing may be in the	OTP)-	
	form of temporary structures to be	Madhuban	
	removed after the completion of the	Feeder Pipelines	Complied.
z If	project.	– 03 Nos.	Presently Not Applicable.
2 1			DEAR PARTY
		190	

Ya "	B. General Condition					
SI 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	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Will be complied			
Paye	proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess	Feeder Pipelines – 03 Nos.	Will be complied			

	the adequacy of conditions imposed and to add additional environmental protection measures required, if any.		
ili	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	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied.
	from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire Safety Inspectorate etc. must be obtained, wherever applicable.	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	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied
Two R	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).	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 Feeder Pipelines –	Complied. It is being maintained centrally for OIL.
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	O3 Nos.  Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied
	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.	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 sixmonthly compliance report and the	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied.  Monitored data enclosed.

- 3	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	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied
1 / 1 / 2 / 1 / 2 / 2 / 2 / 2 / 2 / 2 /	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.	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 <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> , CO, HC (Methane & Non-methane), VOC <sub>s</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects	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.
	shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Feeder Pipelines – 03 Nos.	Complied.
х	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	Gathering	Complied: Monitored data enclosed.
	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.	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	Feeder Pipelines – 03 Nos.	Complied.
	website of the company along with the status of compliance of environmental	Y1	
7	conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.		
xii	The Project Proponent shall inform the	Central Gas	Complied.
	public that the project has been accorded	Gathering	Copy of newspaper
5.	environmental clearance by the Ministry	Station and Offtake	advertisement forwarded
	and copies of the clearance letter are	Point (CGGS &	with our Compliance
	available with the PCB, Assam and may	OTP)-Madhuban	Status Report submitted in
V I	also be seen at Website of the Ministry	W	April, 2014.
	of Environment and Forests at	Feeder Pipelines –	Çomplied.
4	http://envfor.nic.in. This shall be	03 Nos.	I See I Down F
1.5	advertised within seven days from the		The state of the state of
	date of issue of the clearance letter, at		
170	least in two local newspapers that are		Literatus tributa.
	widely circulated in the region of which one shall be in the vernacular language	a printer a pi	Arthur State of the State of th
	of the locality concerned and a copy of		1 1 1 2 2 2 2 2
- 0	the same shall be forwarded to the		1
	Regional office.		
xiii	Project authorities shall inform the	Central Gas	Complied.
	Regional office as well as the Ministry,	Gathering	Copy of newspaper
X.	the date of financial closure and final	Station and Offtake	advertisement .forwarded
	approval of the project by the concerned	Point (CGGS &	with our Compliance
5	authorities and the date of commencing	OTP)-Madhuban	Status Report submitted in
	the land development work. Same shall		April, 2014.
	be forwarded to the Regional office.	Feeder Pipelines – 03 Nos.	Complied.

(Sumitra Goswami) CGM-GMS

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



Name & Address of the Customer				Report No. : MSK/2024-25/02313				
				Report Date: 10.01.2025				
"M/s OIL INDIA LIMITED",			Sample Description : Ambient Air					
Duliaian.	, Dibrugarh, Assam-7866	502	The same	Sample Number	: MSKGL/ED/202	24-25/01/00284		
				Sampling Local	tion: CGGS MADHU	BAN GENERATO	OR ROOM	
L K				Instrument ID:	RDS 221-DTJ-2016/	FPS 1120A22		
Ref. No.:	W.O. NO.~ 8129283 of	Contract No.	61 19277	GPS Reading:	N 27°51′38″, E 95°42	2'53"		
Da	ate of Sampling	Sampl	e Received Date	Analysis	Start Date	Analysis C	omplete Date	
	31.12.2024		02.01.2025	02.0	1.2025	10.0	1.2025	
Environ	nental Conditions Duri	ng Samplin	g & Transport Cond	lition:Temperature	: 26°C, Rain fall : 1	NO	UK III E SUK S	
		1	Anal	ysis Result				
SI. No.	Test Para	meter		Method	Unit	Results	CPCB Limit	
1,	Particulate Matter ( PM	1 <sub>10</sub> )	IS: 5182 (Part	IS: 5182 (Part-23)-2006		74.5	100	
2,	Particulate Matter ( Pl	M <sub>25</sub> )	IS: 5182 (Part	:-24)	(µg/m3)	39.5	60	
3.	Sulphur Dioxide (SO <sub>2</sub> )		IS : 5182 (Part	-2)-2001	(μg/m3)	7.3	80	
4.	Nitrogen Dioxide ( No	01)	IS: 5182 (Part	-6)-2006	(μg/m3)	21.4	80	
5.	Carbon Monoxide ( Co	0)	IS 5182 : (Part	-10) :1999	(mg/m3)	0.70	2	
6.	Ozone (O <sub>3</sub> )		IS:5182 (Part- Reaffirmed-20		(μg/m3)	23.9	180	
7.	Ammonia (NH,)	7,1243	IS 5182 (Part 2	25): 2018	(µg/m3)	12.0	400	
8.	Lead (Pb)		USEPA 10-3.4		(μg/m3)	<0.01	1	
9.	Nickel (Ni)		USEPA 10-3.4		(ng/m3)	<5.0	20	
10.	Arsenic (As)		USEPA IO-3.4	life to star in the	(ng/m3)	<1.0	6	
11.	Benzene (C <sub>6</sub> H <sub>6</sub> )	l garij	IS 5182 : (Part	IS 5182 : (Part 11) :2006		<4.2	5	
12.	Benzo(a)Pyrene ( BaP	)	IS 5182 : (Part	12):2004	(ng/m3)	<0.5	A I	
13.	Mercury ( Hg )		USEPA IO-5.0		(µg/m3)	<0.002		
14.	Methanie (Hydrocarbon	1)	IS 5182 : (Part	17)	ppm	1.94	-11.00	
15.	Non-methane (Hydroc	arbon)	IS 5182 : (Part	17)	ppm	<0.5	327	

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

Analyzed By:

16.

17.

Prepared By:

IS 5182: (Part 17)

IS 5182: (PART-11):2006

**Authorized Signatory** ForMitra S.K. Private Limited

1.94

<4.2

Signature

Name

: Mr. Bhaskarjyoti Dutta

Designation.

Volatile Organic Compounds (VOC)

: Chemist

Total Hydrocarbon

Signature

Name

Designation.

: HiramoniRajbongshi

: Office Assistant

Signature

ppm

(µg/m3)

Name

: Mr. Ravi Sansar Roy Designation : Brunch Manager

The results relate only to the item(s) tested.

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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

Approved by



Name & Address of the Customer		Report No.	: MSK/2024-25/02258
		Report Date	: 10.01.2025
"M/s OIL INDIA LIMITED	"	Nature of Sample	: Stack Emission
Duliajan, Dibrugarh, Assam	786602	Sample Mark	: CGGS MADHUBAN
Durajan, Dioragam, Masam	780002	Sample Number	: MSKGL/ED/2024-25/01/00344
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO 812928	3 of Contract No. 6119277		
Date of Sampling Sample Received Date		Analysis Start Date	Analysis Complete Date
31.12,2024 03.01.2025		03.01.2025	10.01.2025

	ANALYSIS RE	SULT			
A.	General information about stack :	WILLY.	31 - 9		
1,	Stack connected to	; GEG-1			
2.	Emission due to	: NG			
3,	Material of construction of Stack	: MS	100		
4.	Shape of Stack	Circular	1-41-11		
5.	Whether stack is provided with permanent platform & ladder	: Yes			
6,	DG capacity	: 906 KVA			
В,	Physical characteristics of stack :		V PLUE V		
1	Height of the stack from ground level	: 12.192 m	Sec. 1913		
2.	Diameter of the stack at sampling point	: 0.1016 m		By the second of the	
3.	Area of Stack	: 0.00810 m2			
C.	Analysis/Characteristic of stack:  1. Fuel used: NG		blims		
D.	Result of sampling & analysis of gaseous emission	Result	Limit as per CPCB	Method	
1.	Temperature of emission (°C)	158		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.)	20.74	***	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)	13.6	***	IS:13270:1992 Reaff, 2014	
6.	Concentration of Carbon Monoxide (mg/Nm3)	24.5	150	IS:13270:1992 Reaff, 2014	
7.	Concentration of Carbon Dioxide (%v/v)	5.8	10 ees 1	IS:13270:1992 Reaff, 2014	
8.	Concentration of Sulphur Dioxide (mg/Nm3)	27.9		USEPA-29, 25/06/1996	
9.	Concentration of Nitrogen Oxide (ppmv)	74.4	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)	32.7	75	USEPA Part-17, 16/08/1990	
12.	Concentration of Hydrocarbons (ppm)	< 0.0003	100	USEPA 18 -25.09.1996	
13.	Smoke Limit (Light Absorption Coefficient, m-1)	0.015K	≤ 0.7	AS PER CPCB	
E.	Pollution control device:	1273		Remarks: Nil	

Analyzed By:

Prepared By:

**Authorized Signatory** Mitra S.K. Private Limited

Signature

Signature

Details of pollution control devices attached with the stack : Nil

Name : Mr. Bhaskarjyoti Dutta Designation. : Chemist

Name

Designation.

: Hiramoni Rajbongshi : Office Assistant

: Mr. Rayi Shankar Roy Name Designation : Branch Manager

Syon

The results relate only to the item(s) tested.

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

Approved by Uttam Prodhan



Name & Address of the Customer		Report No.	: MSK/2024-25/02259	
"M/s OIL INDIA LIMITED"  Duliajan, Dibrugarh, Assam-786602		Report Date	: 10.01.2025	
		Nature of Sample	: Stack Emission : CGGS MADHUBAN	
		Sample Mark		
		Sample Number	: MSKGL/ED/2024-25/01/00345	
		Instrument ID	: 135-H-19	
Ref. No.:W.O. NO 8129283	of Contract No. 6119277			
Date of Sampling Date of Sampling 31.12.2024 03.01.2025		Date of Sampling	Date of Sampling	
		03.01.2025	10.01.2025	

### ANALYSIS RESULT

A.	General information about stack :		-		
1.	Stack connected to	: GENSET-3			
2.	Emission due to	HSD			
3.	Material of construction of Stack	: MS			
1.	Shape of Stack	Circular			
5.	Whether stack is provided with permanent platform & ladder	Yes	9		
3.	DG capacity	: 200 KVA			
В.	Physical characteristics of stack :			State of the state of	
	Height of the stack from ground level	: 4.572 m	7		
2.	Diameter of the stack at sampling point	: 0.203 m	7		
3.	Area of Stack	: 0.00050 m2			
C.	Analysis/Characteristic of stack:  1. Fuel used: HSD	12137	MALA		
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.)	17.98	***	USEPA Part 2, 25.09.1996	
4.	Quantity of Gas Flow (Nm3/hr)	24	***	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)	0.195	≤ 3.5	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)	23.5		USEPA-29, 25/06/1996	
9.	Concentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr)	0.299	≤ 4.7	USEPA Part-7, 12/03/1996& USEPA 18 -25.09.1996	
10.	Concentration of Lead (mg/Nm3)	< 0.005	944	USEPA-29, 25/06/1996	
11.	Concentration of Particulate matter (g/kW-hr)	0.095	≤ 0.3	USEPA Part-17, 16/08/1996	
12.	Smoke Limit (Light Absorption Coefficient, m-1)	0.031K	≤ 0.7	AS PER CPCB	
12. E.	Smoke Limit (Light Absorption Coefficient, m-1)  Pollution control device:  Details of pollution control devices attached with the stack		_ ≤0	.7	

**Analyzed By:** 

Prepared By:

**Authorized Signatory** ForMitra S.K. Private Limited

Signature

Signature

Signature

Regover Name Mr. Ravi Shankar Roy Designation: Branch Manager

Name : Mr. Bhaskarjyoti Dutta Designation. : Chemist

Name

Designation.

: Hiramoni Rajbongshi : Office Assistant

The results relate only to the item(s) tested.

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Approved by Uttam Prodhan



Name & Address of the Customer		Report No.	: MSK/2024-25/02260
		Report Date	: 10.01.2025
"M/s OIL INDIA LIMITED"		Nature of Sample	: Stack Emission
Duliaian Dibrugarh Assam.	786602	Sample Mark	: CGGS MADHUBAN
Duliajan, Dibrugarh, Assam-786602		Sample Number	: MSKGL/ED/2024-25/01/00346
		Instrument ID	: 135-H-19
Ref. No.:W.O. NO 8129283	of Contract No. 6119277	View Pry and 18	
Date of Sampling Date of Sampling		Date of Sampling	Date of Sampling
31.12.2024 03.01.2025		03.01.2025	10.01.2025

### ANALYSIS RESULT

: DRENCHING PUMP-1			
; HSD			
1	. (* * T)		
1			
	THE RESERVE TO SHARE		
V - N	Para Maria Santa		
1 190	V W A		
a partition of	1 7 7 7 1 1 1 1		
	F 170 F 170 T		
: 0.1016 m : 0.00810 m2			
	A 125 45.		
Limit as	Method		
	USEPA Part 2, 25.09.1996		
	USEPA Part 2, 25.09.1996		
	USEPA Part 2, 25.09.1996		
***	USEPA Part 2, 25.09.1996		
	IS:13270:1992 Reaff, 2014		
≤ 3.5	IS:13270:1992 Reaff, 2014		
	IS:13270:1992 Reaff, 2014		
	USEPA-29, 25/06/1996		
≤ 4.7	USEPA Part-7, 12/03/1996& USEPA 18 -25.09.1996		
	USEPA-29, 25/06/1996		
≤ 0.3	USEPA Part-17, 16/08/1996		
≤ 0.7	AS PER CPCB		
	≤ 0.3		

Analyzed By:

Prepared By:

**Authorized Signatory** ForMitra S.K. Private Limited

Signature Name

Designation.

: Mr. Bhaskarjyoti Dutta

Signature

Name Designation. : Hiramoni Rajbongshi : Office Assistant

Signature

Name : Mr Ravi Shankar Roy Designation: Branch Manager

The results relate only to the item(s) tested.

: Chemist

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> Approved by Uttam Prodhan



Name & Address of the	Customer	Report No.	: MSK/2024-25/02261
A 12 TO 1		Report Date	: 10.01.2025
"M/s OIL INDIA LIMITED"		Nature of Sample	: Stack Emission
Duliajan, Dibrugarh, Assam-	786602	Sample Mark	: CGGS MADHUBAN
Dunajan, Diorugani, Assam-	780002	Sample Number	: MSKGL/ED/2024-25/01/00347
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO 8129283	of Contract No. 6119277		
Date of Sampling	ate of Sampling Date of Sampling Date o		Date of Sampling
31.12.2024	03.01.2025	03.01.2025	10.01.2025

### **ANALYSIS RESULT**

Α.	General information about stack :	10 100	1 22	13 13 EV 1				
1.	Stack connected to	: DRENCHI	NG PUMP-2					
2.	Emission due to	: HSD						
3.	Material of construction of Stack	: MS						
4.	Shape of Stack	: Circular		* T & 1 10				
5.	Whether stack is provided with permanent platform & ladder	: Yes	7					
6.	DG capacity	: 255 HP	7.41					
B.	Physical characteristics of stack :							
1.	Height of the stack from ground level	: 3.0480 m		V V 1 1 22				
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)	122		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.)	17.30		USEPA Part 2, 25.09.1996				
4.	Quantity of Gas Flow (Nm3/hr)	379	***	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)	0.228	≤ 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	1	USEPA-29, 25/06/1996				
9.	Concentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr)	0.301	≤ 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)	0.095	≤ 0.3	USEPA Part-17, 16/08/1996				
12.	Smoke Limit (Light Absorption Coefficient, m-1)	0.080K	≤ 0.7	AS PER CPCB				
E.	Pollution control device: Details of pollution control devices attached with the stack	: Nil		Remarks: Nil				

**Analyzed By:** 

Prepared By:

Rutto

Signature

: Mr. Ravi Shankar Roy Name

Authorized Signatory P

ForMitra S.K. Private Limited

Designation: Branch Manager

Signature

Name : Mr. Bhaskarjyoti Dutta Name

: Hiramoni Rajbongshi

Designation.

: Chemist

Designation.

: Office Assistant

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 accredited by ISO/IEC 17025:2017 Lab Address: P-48 Udayan Industrial Estate,3 Pugladunga Road Kol-700015

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

Approved by Uttam Prodhan



Name & Address of the	Customer	Report No.	: MSK/2024-25/02262		
	Au Carlotte	Report Date	: 10.01.2025	107.11	
"M/s OIL INDIA LIMITED"		Nature of Sample	: Stack Emission	-	
Duliajan, Dibrugarh, Assam-	786602	Sample Mark	: CGGS MADHUBAN		
Duttajan, Diorugatii, Assam-	780002	Sample Number	: MSKGL/ED/2024-25/01/00348		
		Instrument ID	: 135-H-19	7425	
Ref. No.: W.O. NO 8129283	of Contract No. 6119277	To		WI 11-	
Date of Sampling	Sampling Date of Sampling Date of Sampling Date of Sam		Date of Sampling	V III	
31.12.2024	03.01.2025	03.01.2025	10.01.2025		

	ANALYSIS RE	SULT						
A.	General information about stack :	: 1 (4)	13/2	THE A STATE OF				
1.	Stack connected to	: AIR OCOMPRESSOR						
2.	Emission due to	: HSD	finalista.	NAME OF TAXABLE PARTY.				
3,	Material of construction of Stack	: MS	Torre I					
4.	Shape of Stack	Circular	X21 NO.50					
5.	Whether stack is provided with permanent platform & ladder	Yes						
6.	DG capacity	: 105 HP	NA No. 1					
B.	Physical characteristics of stack :							
1.	Height of the stack from ground level	: 1.5240 m	17 30 7					
2.	Diameter of the stack at sampling point	: 0.1016 m		1W				
3.	Area of Stack	: 0.00810 m2						
C.	Analysis/Characteristic of stack:  1. Fuel used; HSD		9 39 6	TEST III.				
D.	Result of sampling & analysis of gaseous emission	Result	Limit as per CPCB	Method				
1.	Temperature of emission (°C)	109	1	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.)	17.92	***	USEPA Part 2, 25.09.1996				
4.	Quantity of Gas Flow (Nm3/hr)	406	= 1/4,2	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)	0.125	≤ 3.5	IS:13270:1992 Reaff, 2014				
7.	Concentration of Carbon Dioxide (%v/v)	5.8		IS:13270:1992 Reaff, 2014				
8.	Concentration of Sulphur Dioxide (mg/Nm3)	22.1		USEPA-29, 25/06/1996				
9.	Concentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr)	0.251	≤ 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)	0.081	≤ 0.3	USEPA Part-17, 16/08/1996				
12.	Smoke Limit (Light Absorption Coefficient, m-1)	0.077K	≤ 0.7	AS PER CPCB				
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

Name Designation.

: Mr. Bhaskarjyoti Dutta

: Chemist

Signature

Name

Designation.

: Office Assistant

: Hiramoni Rajbongshi

Signature

Name

: Mr Ravi Shankar 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 accredited by ISO/IEC 17025:2017 Lab Address: P-48 Udayan Industrial Estate, 3 Pagladanga Road Kol-700015

Ilead Office: Shrachi Centre (5th floor), 74B, A.J.C. Bose Rand, Kolkata - 700 016. West Bengal, India. Tel.: 91 33 40143600 / 22650006 / 22650007 Fax: 91 33 22650008

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

Approved by

## NOISE LEVEL MEASUREMENT REPORT

LOCATION: Chas Madhuban

(Production Installation – OCS/EPS/QPS)

Date: 26-11-2024 Time: 08.30 PM

SI. No.	Noise Level Measu	rement at	Measurement in dB(A)	Threshold limit valu		Recommendation
1	Control Room / Operator Room	Door Open Door Closed	72	Duration per day(hours)	Sound Level (dBA)	
2	Middle of Group Area	Door closed	73	8	90 92	
3	At the Entrance		54	4	95	The Land
4	Security Hut	7-1-15x 40-	4 9 8 3	3	97 100	- 75
6	Meter Shed Tank Area		60	1 - 1/2	102	
7	Air Compressor		80	1 %	105 110	
				14 or less	115	

		Noise	1	At	a dista	nce from	the she	ed .				In de	3(A)	200	Near boundary of the	1,10
	Noise Level Measurement at	level at	5 mtrs			10 mtrs			15 mtrs				installation in	Remarks		
No.	Micasa culcut at	in dB(A)	North	South	East	West	North	South		West	North	South	East	West	dB(A)	
1	CODP	90	82	80	81	80	72	다	72	71						70 1
2	FWDP	100					14				15 5				East - 5 4	7.7
3	Drenching pump	36	90	90	91	92	8 (	80	80	81		-1/2			West - 5 5	
4	<b>Emulsion Treater</b>			15			-11					1 V	-		North - 58	
5	Indirect Heater				84		- 15									
6	Chemical Dosing Pump	74	67	68	67	66									south - 53	
7	Power house	e F	74	73	75	14	62	68	10	41		1514			1 1 7 2 2 3	
	SCADA Room	60						T WAR						-	11/1/11	
9	Water Pump House	81	DF	7-1	72	17									Language of	

Sound Level Meter:

Make - HTC

Authorised Person Mitra SK Pvt.

Approved by

Mr. Uttam Prodhan **Suptdg Research Scientist** Oil India Ltd, Duliajan

Authorised Person Oil India Ltd.Duliajan

## **NOISE LEVEL MEASUREMENT REPORT**

LOCATION: COLOS Madfubay

(Production Installation – OCS/EPS/QPS)

Date: 27:11-2024 Time: 12.35 PM

SI. No.	Noise Level Measu	rement at	Measurement in dB(A)	Threshold limit valu		Recommendation
4	Control Boom / Constant Boom	Door Open	70	Duration per	Sound Level	THE RESERVE
1	Control Room / Operator Room	Door Closed	0 F	day(hours)	(dBA)	
2	Middle of Group Area	The rest and	3 F	8	90	
3	At the Entrance		55	6	92	
4	Security Hut		53	4	95 97	
5	Meter Shed		84	2	100	
6	Tank Area	THE BEST OF	62	1 - 1/3	102	
7	Air Compressor	THE WATER TO SERVE	82	1	105	
77.11				1/2	110	
-				¼ or less	115	

		Noise		, At	a dista	nce fron	n the she	ed				In di	B(A)		Near boundary of the	1 33
SI. No.	Noise Level Measurement at	level at	5 mtrs			10 mtrs			15 mtrs				installation in	Remarks		
	CO. 47 - XETS	in dB(A)	North	South	East	West	North	South	East	West	North	South	East	West	dB(A)	
1	CODP	90	84	85	85	87	73	71	74	73					-0.1 · j. 10	
2	FWDP			4						THE REAL PROPERTY.			V. 1 37		East - (5	
3	Drenching pump	86	36	91	20	92	84	87	85	87			5 28 2	TE TE	West - 6 6	
4	<b>Emulsion Treater</b>				8		1	- 8			DETENT		10 52			
5	Indirect Heater				* -			10 A -			IIVOS I	44.6		No.	North - S6	V
6	Chemical Dosing Pump	78	64	66	65	67			X						South - 5 7	
7	Power house	81	77	79	78	73	42	74	7.F	73	12/1	1				
8	SCADA Room	7.1	10 E	12.5							22				esta de la	
9	Water Pump House	83	41	70	72	71				and the second		A IF	7.44			

Sound Level Meter:

Make -

Authorised Person

Mitra SK Pvt.

HTC

5/N- SL1350

Approved by

Mr. Uttam Prodhan **Suptdg Research Scientist** Oil India Ltd, Duliajan

Authorised Person

Oil India Ltd. Duliajan



## **Chemical Department**

## ऑयल इंडिया लिमिटेड Oil India Limited

Analytical & Environmental Laboratory (An ISO 9001:2015 Certified Laboratory)

Duliajan, Dibrugarh, 786602, Assam

Ph No: 0374-280-8490

CIL INDIA LTD, DULIAJAN

Date: 23.01.2025

Ref. No.: Chem/A&E/DW/099/25

CGM - GMS

Attn. :- Debasish Das. Senior Engineer (GMS)

Sub: DRINKING WATER SAMPLE ANALYSIS REPORT

Letter/memo ref. no.: GMS/CGGS/24-25/JAN/007 dated: 21.01,2025

Characteristics	Unit	Acceptable limit as per Bureau of Indian Standards	Test Results	Test method/Instrument used	
		(IS-10500:2023) Second revision		and unlent used	
Turbidity	NTU	# 5.0(max.)	0.35	BIS 3025-10-2023 / Turbidity meter	
Chloride (as CT)	mg/l	250.0 (max.)	13	BIS 3025-32- 2019/ Titration with silve	
Iron (as Fe <sup></sup> )	mg/l	0.3(max.)	0.14	BIS 3025-53 / UV-vis Spectrophotomete	
Total Hardness (as CaCO <sub>3</sub> )	mg/l	200.0(max.)	6	mstrument range (0.0025-5.0 mg/l)	
Phenolic compounds as	port I		70	BIS 3025-21-2009 / Titration with EDT	
C <sub>b</sub> H <sub>5</sub> OH	mg/l	0.001(max)	BDL	APHA 5530 C+D-2022 / UV-vis Spectrophotometer (Instrument range - 0.002 - 0.1 mg/l)	
Sample details.	mg/l	0.01(max)	BDL	BIS 3025-37 / UV-vis Spectrophotomet (Instrument range - 0.001 - 0.1 mg/l)	

1. Type of sample: Drinking water

2. Sample Collection Date: 21.01.2025

3. Sample Collected from (Source/ Location): Drinking water of CGGS & OTP Madhuban

4. Sample received on (date & time): 21.01.2025, 04:30 PM

5. Test completion date:

23.01.2025

#Note: Ref. to request by FE deptt vide letter no. FE/W.1.9/357/18 dated 27/04/2018, the turbidity of water sample(s) is measured as per 1S: 10500:2012 (Second revision) where permissible limit is set at 5.0 NTU (instead of 1.0 NTU) in absence of

BDL: Below Detectable Limit.

Note: 1)Parameters were tested as per requirement of the customer.

2) The test results of this report apply to the sample as received.

Tested by: WR/PJK

Analytical & Environmental Lab. Chemical Department, Oil India

Chem/A&E/DW/File/03

Surajit Bora Chief Chemist (Lab) (Reviewed by)

Euracia L Wahlang DGM - Chemical (Lab, P&A) (Approved by)

Confidential Report. Not valid without signatures. Unless otherwise stated the results in this report refers to the sample(s) tested

Ver 1.0 2024

## ऑयल इंडिया लिमिटेड Oil India Limited

## Analytical & Environmental Laboratory

ऑयल इंडिया OIL INDIA

## **Chemical Department**

(An ISO 9001:2015 Certified Laboratory) Duliajan, Dibrugarh, 786602, Assam

Email- an env@nilindia.in Ph No: 0374-280-8490

**GAS MANAGEMENT SERVICES** 

Ref. No.: Chem/A&E/Misc/101/25

OIL INDIA LTD, DULIAJAN

Date: 23.01.2025

CGM - GMS

Attn. :- Debasish Das, Senior Engineer (GMS)

### SUB: POND WATER SAMPLE ANALYSIS REPORT

Letter/memo ref. no.: GMS/CGGS/24-25/JAN/008, dated: 21.01.2025.

Characteristics	Unit		Test Results	Test Method /Instrument used	
		Near W.T.P	Pond 1 Near EGFS	Pond 2 Near EGFS	
Dissolved Oxygen	mg/l	4.82	5.2	5.3	BIS 3025-38- / Dissolved Oxygen meter
Chloride (as Cl')	mg/l	7	7	8	BIS 3025-32- 2019/ Titration with silver nitrate
Electrical Conductance at 25°C	mhos/cm	180.1 x10 <sup>-6</sup>	87.2 x10 <sup>-6</sup>	87.8 x10 <sup>-6</sup>	BIS 3025-14-2019 / Benchtop Multichecker

### Sample details. :

1. Type of sample: Pond water.

2. Sample Collection Date: 21.01.2025

3. Sample Collected from (Source/ Location): Pond Water near W.T.P, Pond 1 & 2 near EGFS

4. Sample received on (date & time): 21.01.2025, 04:30 PM

5. Test completion date: 23.01.2025

Note: 1)Parameters were tested as per requirement of the customer.

2) The test results of this report apply to the sample as received.

Tested By- WR/PJK

Analytical & Environmental Lab.

Chemical Department, Oil India

Chem/A&E/Misc./File/04

Surajit Bora Chief Chemist (Lab)

(Reviewed by)

DGM-Chemical (Lab, P&A)

(Approved By)

Confidential Report. Not valid without signatures. Unless otherwise stated the results in this report refers to the sample(s) tested

Ver 1 0 2024

## Annexrue III

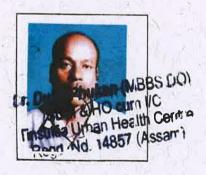
FORM - O

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

## REPORT OF MEDICAL EXAMINATION UNDER RULE 29-B

Certificate No.: 61-102

Certified	d that sri/	Shrimoti employed as
in		mine. Form D. No has been examined for an initial/
periodical* me	edical ex	amination. He/She appears to be3.9 years of age.
The finding o	f the exa	amining authority are given in the attached sheet it is considered that
40)	Is med	dically fit for any employment in mines.
		fring from and is medically unit for
		any employment in mine or
	(ii)	any employment below ground; or
	(iii)	any employment or work
*(c)	Is suf	fring fromand should get this disability
cured/ contro	lled and s	should be again examined within a period by months.
*He/ She will	appear	for re-examination with the result of test of
*and the opti	on of	specialist from
He/ She may	be pern	nitted/ Not permitted to carry on his duties this period.



Dr. Dulai Piliukan (MBBS DO) Signatypenot Freediminis Authority Tinsukia Urhan Health Ceres D Regords 1985 (Asset) N

Name and Designation in Block Letters

Place: Declinan

Date: 05/02/25

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 TH	E EXAMINING	AUTHOR	RITY
(To	be filled for every medical examination	on whether initial of	periodical	of the examination of arter
cure	ar control of disability?	A1-102		as a result
	Annexure to certificate No disability)  According to the control of the control o	ask on (1	21) Lan	d lattle linger
med	dical examination (LLC AXL	Section 1		Y
	Identification Mark	Left Thumb	impression Good/ Fair/	of the Candidate Poof
1	General Development	I-VEH BOK'	3 1 1	
			The state of	
3	Height 5.5 Cms. Weight 79 Kg			
4	Eves	a saa a saada maada saa	lesses)	V DOMEST
	(i) Visual 66 distance vision	a (with or without g	Dight Eve	Noama
			Loff Eve	Nehmal
		(0	Len Lyo	
	<ul> <li>(ii) Any organic disease of eyes (</li> <li>(iii) Night Blindness (√√ (9))</li> <li>(iv) Sound</li> </ul>	10		
v .	(*to be tested in special cases)			
5	Ears		. Left For	Normal
= { = = =	(i) Hearing Right Ear	nac	Len Ear	. v. i. C. z
	(II) Any Organic Disease NO			
6	Respiratory System			
	Chest Measurement	1	Conc	* 1 * 2
	(i) After full inspection	2. /	Cms.	
	(ii) After full examination	6	Ciris.	
7	Blood Presure 120/76 Pulse 73/min	1 7,1 %		
8	Abdomen NAD			
•	Tendemess VO			
	Liver			)
	Worman			
	Tumour (A/A)		13	
. 9	Nervous System (YAT)			
	History of fits or Mb		100	
	Paralysis NO			
	Mental Health GOOD			
10	Locomotor System , WAD	Jan Brown of Brown		
11	skin Normal			A No. 2
12	Hernia VO	WHEN THE STREET		
13	Hydrocele M C			
14	Any other normality W 0			
15	Unne			
	Reaction Albumin Suger			
16	Olderware of Chool			TO FORM WE WANTED
17	Any other C test considered necess     Any opinion of specialist considered	ary by the examini I necessary	ng authority	Tinsukia Arhan Health Cent a ure of Examining Authority
		1 1 1 1 1		Rene xamining Authority
DI	ace A v	A PART OF	Signat	UIO OF EAST
	ace Duloyan			

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

	Marks Cag	. BOCOGET	(KI)	nand o	W. 2 01.95	
	S1			Nohm	a,	
Auscultat		S2		Nonma		
	Additiona		W	2. Mas. 1	con	
Elect	rocardiograph (12 le	eads) finding	g Nermal / Alenormal			
Enclosed Neurologic	ECG cal Assessment					
Findings		I 65		c Normal / Abnor	mal-	
Superficail Reflexes		11	Normal			
Deep Reflexes			Warnal			
	eral Circulation	الإستان	100	NADA	al	
Vibratio	nal Syndromee			Wo		
ILO Classi	fication of Chest Ra	adiograph :				
	fusion pnonumoco		1	Grades	Types	
T. TOW	Present / ab		1 38	714400	1,700	
Enclosed (	hest Radiograph		-			
	Findings					
and the second s		1.65				
	duction Type Cunduction	Left E		Right Ear		
	e Conduction	Normal / Ab		Nermal / Abnormal		
	udiomatrý Report	Nermal / Ab	njormai	Iyomnal /	Abnormal Abnormal	
SI. No.		Tests Hb, Esr, Platelets		Findings  WNL/Abno		
2	Blood Suger -	Fasting & PP	7	WNL/Abnor		
3	Lipid Profile	- F	WNL/Abnormal			
· 4	Blood Urea, C	reatinine	WNL/Abnormal			
5	Urine Routine		WNL/Abnormal			
6	Stool Routine		WNL/Apnormal			
	idiomatry Report		197		STATE OF THE	
	for Mn exposure		111	7.	9 C C Y	
Behavioural Disturbances		ces	Present / Not Present			
Dei	Speech Defect		Present / Not Present			
573	Tremor	10 7 40,	Present / Not Present			
Veurological	Adiadocokinesla	- A	Na A	Present / Not F		
Veurological	<b>Emotional Charge</b>			Present / Not F	resent	
Neurological Disturbances	pecial Test Require	d: NO		17.45-0	4 CV 11 7	
Neurological Disturbances	- The state of the	inirometry)				
Neurological Disturbances Ny Other S	ng Function Test (S		ed Value	Performed Value	% of Predicted	
Neurological Disturbances Ny Other S esult of Lui	ng Function Test (S Parameters	Predict	ou value	r enormed value	76 OF FIEURCIEU	
Neurological Disturbances Ny Other S esult of Lui	ng Function Test (S Parameters	Predicte			. 4005	
Neurological histurbances my Other S esult of Lui orced Vita orced Vita	Parameters Capacity (FEV) Capacity 1 (FEV)		- 10	( ) a //		
Neurological histurbances ny Other S esult of Lui orced Vita orced Vita EV 1 / FV	Parameters Capacity (FEV) Capacity 1 (FEV1) Capacity 1 (FEV1)		0	WAL	ial Phukan (MBBo	
Neurological histurbances my Other S esult of Lui orced Vita orced Vita	Parameters Capacity (FEV) Capacity 1 (FEV1) Capacity 1 (FEV1)			Dr. Dr	SDM & HO cum VC Ikie Urhan Health C	

## Annexrue III

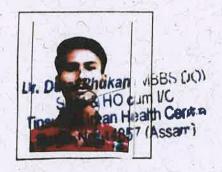
FORM - O

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

## REPORT OF MEDICAL EXAMINATION UNDER RULE 29-B

Certificate No.: 8L-101

Certified	that sri/Shrimoti employed as	
in periodical* me	mine edical examination. He/She appe	Form D. No has been examined for an initial/ ears to be years of age.
The finding of	f the examining authority are given	ven in the attached sheet it is considered that
ta)	Is medically fit for any employ	
*(b)		and is medically unit for
	(i) any employment in m	ne or
	(ii) any employment belo	w ground; or
	(iii) any employment or we	ork
*(c)	Is suffring from	and should get this disability
cured/ controlle	ed and should be again examined	within a period by months.
*He/ She will a	ppear for re-examination with th	ne result of test of
*and the option	1 of	specialist from
He/ She may b	pe permitted/ Not permitted to c	arry on his duties this period.



Dr. Dulai Phukan (MBBS DO)
SDM & HO.cum VC
SDM & HO.cum VC
Right Health Ceres
Rego No. 1 (1985) (Assay Authority
PR. D. PHUKON

Name and Designation in Block Letters

Place: Duliajan

Date: 05/02/25

Delet whatever not applicable.

<sup>\*</sup> 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

INDI ON THE	
(To be filled for every medical examination value cure/ control of disability)	whether initial or periodical or re-examination or after
Annual and Section No. 18/	101 as a result
C 1	b as (11) hand
medical examination	£ (00) (C1) 1090799
Identification Mark	Left Thumb impression of the Candidate
, destanoutor mark	Good/ Fair/ Pool
1 General Development	
2 Height 5.5 Cms	
3 Weight	
4 Evos	
(i) Visual (b distance vision (wi	th or without glasses)
	Right Eye Normal
	Left EyeNORMA
(ii) Any organic disease of eyes <b>NO</b>	
(iii) Night Blindness No	
(iv) Sound	
(*to be tested in special cases)  5 Ears	
(i) Hearing Right Ear	1
(ii) Any Organic Disease (*)	Left Ear. Worzmal
6 Respiratory System	
Chest Measurement	
(i) After full inspection 87	
(ii) After full examination	Cma
/ Circulatory System	Oilis.
Blood Presure 118/76 Pulse 78/2011  Abdomen NAB Tenderness No	
Pulse 7 9/200 in	
B Abdomen NAN	
Tenderness No	The Control of the Co
Liver	
Normal	
Tumour Wo	
Nervous System NAD	
History of fits or	
Paralysis (NO)	
Mental Health 500 d	
0 Locomotor System NAD	
1 Skin Workman	
2. Hernia No	
3 Hydrocele VO	
4. Any other normality 🔨 🕖	
Reaction WNL Albumin	
Suger	- S. M. Well (1997) The second
6. Skiagram of Chest	
7. Any other C test considered person and	MORS CO
8. Any opinion of specialist considered neces	the examining authority. Dulal Phukan (MBBS (10))
, and a specialist considered neces	SDIN a 1 Loalth Cerm
	Tinsukia Urhan Mead (Assam)
lace Duliajan	Tinsukia Urhan Health Regd No. 14857 (Assarr) Signature of Examining Authority
Jest of the second	Signature of Examining Authority

### Report of Medical Examination as per the recommendations of National Safety Conferences in Miners

Certificate No.
Name
Identification Marks

(To be used in continuation with Form "O")

BL: 101

Bishwajid Gowala

Cut mark on (Lt) Rand

1. Cardiological Assessment

	S1	Wormal	
Auscultate	S2	Normal	
	Additional Sound	NO-MUD- MUD	
Electrocardiograph (12 leads) finding		Normal / Abnormal	

Enclosed ECG

2. Neurological Assessment

Findings	Normal / Abnormal	
Superficail Reflexes	Wormal	
Deep Reflexes		
Peripheral Circulation	Normal	
Vibrational Syndromee	Normal	

3. ILO Classification of Chest Radiograph;

Profusion pnonumoconiotic opacitiee	Grades	Types
Present / absant		17/500

**Enclosed Chest Radiograph** 

4. Audiometry Findings :

Conduction Type	Left Ear	Right Ear	
Ear Cunduction	Nermal / Abnormal	Normal / Abnormal	
Bone Conduction	Normal / Abrormal		

5. Pathological / Microbiological Investigations :

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

**Enclosed Audiomatry Report** 

6. Special tests for Mn exposure

	avioural Disturbances	Present / Not Present	
Neurological Disturbances Adiadocokinesia Emotional Charges  Any Other Special Took Day	Present / Not Present		
	Tremor	Present / Not Present	
	Adiadocokinesla	Present / Not Present	
	Emotional Charges	Present / Not Present	

Special Test Required 100

Result of Lung Function Test (Spirometry)

Parameters	Predicted Value	Performed Value	- XX (0.11)
Forced Vital Capacity (FEV)	Tallotter value	Performed Value	% of Predicted
Forced Vital Capacity 1 (FEV1)			
ILLY ITEVC		WAL	· ·
Peak Expiratory Flow	5 .	- 0.4	Phukan (MBBIS UC
		Dr. Dur	M & HO cum I/C

Tinsukia Urhan Health Certain Nd. 14857 (Assam) Signature Brexamining Authority

Name of the Installation: TENGAKHAT GCS

EC No and date: F. No J-11011/682/2008-I A II(I) Dated 17.06.2013 Period of Compliance Report: October 2024 to March 2025.

	A. General Condition			
SI 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	Complied
	Control Board/State Pollution Control Board will monitor the	Monitored data enclosed.
	stipulated conditions. A six-monthly compliance report and	
	the monitored data along with statistical interpretation shall be	
	submitted to them regularly.	
Viii	A copy of clearance letter shall be sent by the proponent to	Complied
	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.	
ix	The project proponent shall upload the status of compliance of	Complied
	the stipulated environment clearance conditions, including	Compliance status including
	results of monitored data on their website and shall update the	monitored data is regularly
	same periodically. It shall simultaneously be sent to the	uploaded in company's
	Regional Office of the MOEF, the respective Zonal Office of	website and sent to
	CPCB and the PCB, Assam. The criteria pollutant levels	concerned government authorities. Monitored data
	namely; PM10, SO2, NOx, CO, HC (Methane & Non-	is also enclosed herewith.
	methane), VOC <sub>s</sub> (ambient levels as well as stack emissions) or	is also enclosed herewith.
	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.	G 1: 1
X	The project proponent shall also submit six monthly reports on	Complied  Manitored data analogad
	the status of the compliance of the stipulated environmental	Monitored data enclosed.
	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.	
xi	The environmental statement for each financial year ending	Complied
Ai	31st March in Form-V as is mandated to be submitted by the	Compiled
	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.	
xii	The Project Proponent shall inform the public that the project	Complied.
	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.	
xiii	Project authorities shall inform the Regional office as well as	Complied
	the Ministry, the date of financial closure and final approval	Copy of newspaper
	of the project by the concerned authorities and the date of	advertisement forwarded
	commencing the land development work. Same shall be	with our Compliance Status
	forwarded to the Regional office.	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. Common flare is used for OCS-Tengakhatand GCS-Tengakhat		
V	Regular ambient air quality monitoring of PM10, SO2, NOx, VOC <sub>S</sub> 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 downwind 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 No hydrocarbon storage facility planned.
viii	Total fresh water requirement from ground water source shall not exceed 18 m <sup>3</sup> /day per GCS, 17 m <sup>3</sup> /day per FGS and around 15 m <sup>3</sup> /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 GCS. 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	Complied

	Waste (Management, Handling and Transboundary Movement) Rules 2008.	
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 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. 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	Complied

	submitted to the Ministry's Regional Office at Shillong.	
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



Name & Address of the	Customer	Report No.	: MSK/2024-25/02404A37
		Report Date	: 31.01.2025
"M/s OIL INDIA LIMITED	,,	Nature of Sample	: Stack Emission
Duliajan, Dibrugarh, Assam-786602		Sample Mark	: GCS TENGAKHAT
Duringan, Dioragan, 1100an	700002	Sample Number	: MSKGL/ED/2024-25/01/02197
		Instrument ID	: 135-H-19
Ref. No.:W.O. NO 812928	3 of Contract No. 6119277		
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
31.01.2025	24.01.2025	24.01,2025	31.01.2025

۸.	General information about stack :	T <sub>2</sub>		
	Stack connected to	: GB-1		
	Emission due to	: NG		
	Material of construction of Stack	: MS		
	Shape of Stack	: Circular		
	Whether stack is provided with permanent platform & ladder	: Yes		
	DG capacity	: NIL		
	Physical characteristics of stack :			
	Height of the stack from ground level	: 3.658 m		
	Diameter of the stack at sampling point	: 0.203 m		
	Area of Stack	: 0.03241 m2		
D.	Fuel used: NG     Result of sampling & analysis of gaseous emission	Result	Limit as	Broth and
		INCOUNT	per CPCB	Method
1	Temperature of emission (°C)	192	per CPCB	
2.	Barometric Pressure (mm of Hg)			USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996
2. 3.	Barometric Pressure (mm of Hg) Velocity of gas (m/sec.)	192		USEPA Part 2, 25.09.1996
2. 3. 4.	Barometric Pressure (mm of Hg) Velocity of gas (m/sec.) Quantity of Gas Flow (Nm3/hr)	192 762		USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996
2. 3. 4. 5.	Barometric Pressure (mm of Hg) Velocity of gas (m/sec.) Quantity of Gas Flow (Nm3/hr) Concentration of Oxygen (%v/v)	192 762 24.13		USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996
2. 3. 4. 5.	Barometric Pressure (mm of Hg)  Velocity of gas (m/sec.)  Quantity of Gas Flow (Nm3/hr)  Concentration of Oxygen (%v/v)  Concentration of Carbon Monoxide (mg/Nm3)	192 762 24.13 1797		USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 IS:13270:1992 Reaff, 2014
2. 3. 4. 5.	Barometric Pressure (mm of Hg)  Velocity of gas (m/sec.)  Quantity of Gas Flow (Nm3/hr)  Concentration of Oxygen (%v/v)  Concentration of Carbon Monoxide (mg/Nm3)  Concentration of Carbon Dioxide (%v/v)	192 762 24.13 1797 13.6		USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014
2. 3. 4. 5. 6.	Barometric Pressure (mm of Hg)  Velocity of gas (m/sec.)  Quantity of Gas Flow (Nm3/hr)  Concentration of Oxygen (%v/v)  Concentration of Carbon Monoxide (mg/Nm3)  Concentration of Carbon Dioxide (%v/v)  Concentration of Sulphur Dioxide (mg/Nm3)	192 762 24.13 1797 13.6 20.8		USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014
2. 3. 4. 5. 6. 7.	Barometric Pressure (mm of Hg)  Velocity of gas (m/sec.)  Quantity of Gas Flow (Nm3/hr)  Concentration of Oxygen (%v/v)  Concentration of Carbon Monoxide (mg/Nm3)  Concentration of Carbon Dioxide (%v/v)  Concentration of Sulphur Dioxide (mg/Nm3)  Concentration of Nitrogen Oxide (ppmv)	192 762 24.13 1797 13.6 20.8 5.6		USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014
2. 3. 4. 5. 6. 7. 8. 9.	Barometric Pressure (mm of Hg)  Velocity of gas (m/sec.)  Quantity of Gas Flow (Nm3/hr)  Concentration of Oxygen (%v/v)  Concentration of Carbon Monoxide (mg/Nm3)  Concentration of Carbon Dioxide (%v/v)  Concentration of Sulphur Dioxide (mg/Nm3)  Concentration of Nitrogen Oxide (ppmv)  Concentration of Lead (mg/Nm3)	192 762 24.13 1797 13.6 20.8 5.6 22.8		USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 USEPA-29, 25/06/1996
1. 2. 3. 4. 5. 6. 7. 8. 9.	Barometric Pressure (mm of Hg)  Velocity of gas (m/sec.)  Quantity of Gas Flow (Nm3/hr)  Concentration of Oxygen (%v/v)  Concentration of Carbon Monoxide (mg/Nm3)  Concentration of Carbon Dioxide (%v/v)  Concentration of Sulphur Dioxide (mg/Nm3)  Concentration of Nitrogen Oxide (ppmv)  Concentration of Lead (mg/Nm3)  Concentration of Particulate matter (mg/Nm3)	192 762 24.13 1797 13.6 20.8 5.6 22.8 71.4		USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 USEPA-29, 25/06/1996 USEPA Part-6, 25/09/1996
2. 3. 4. 5. 6. 7. 8. 9.	Barometric Pressure (mm of Hg)  Velocity of gas (m/sec.)  Quantity of Gas Flow (Nm3/hr)  Concentration of Oxygen (%v/v)  Concentration of Carbon Monoxide (mg/Nm3)  Concentration of Carbon Dioxide (%v/v)  Concentration of Sulphur Dioxide (mg/Nm3)  Concentration of Nitrogen Oxide (ppmv)  Concentration of Lead (mg/Nm3)	192 762 24.13 1797 13.6 20.8 5.6 22.8 71.4 <0.005		USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 USEPA Part 2, 25.09.1996 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 IS:13270:1992 Reaff, 2014 USEPA-29, 25/06/1996 USEPA Part-6, 25/09/1996 USEPA-29, 25/06/1996

**Analyzed By:** 

Prepared By:

**Authorized Signatory** For Mitra S.K. Private Limited

Signature Name

Designation.

Mr. Bhaskarjyoti Dutta

Details of pollution control devices attached with the stack : Nil

Signature Name Designation.

: Mr. Dipankar Das : Office Assistant

Signature Name

: Mr. Rayi Shankar Roy Designation : Branch Manager

The results relate only to the item(s) tested.

: Chemist

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Our Lab is Approved by ISO/IEC 17025: 2017 & Assam PCB, Lab Address: House No 9,2nd Floor, Arunachal Path, R.G. Baruah Road, Guwahati-781021(Assam)

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



Name & Address of the	Customer	Report No.	: MSK/2024-25/02404A38
"M/s OIL INDIA LIMITED"  Duliajan, Dibrugarh, Assam-786602		Report Date	: 31.01.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: GCS TENGAKHAT
Duringan, Dio abarn, Fibbarn	700002	Sample Number	: MSKGL/ED/2024-25/01/02198
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO 812928	3 of Contract No. 6119277		
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
31.01.2025	24.01.2025	24.01.2025	31.01.2025

	ANALYSIS RE	SULT		
A.	General information about stack :	;		
1,	Stack connected to	: GB-2		
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	: NIL		
B.	Physical characteristics of stack :			
1	Height of the stack from ground level	: 4.572 m		
2.	Diameter of the stack at sampling point	: 0.305 m		
3.	Area of Stack	: 0.07292 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)	207		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.)	24.71		USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm3/hr)	4009		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)	19.6		IS:13270:1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.8	***	IS:13270:1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm3)	21.9	***	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide (ppmv)	70.6	222	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)	34.6		USEPA Part-17, 16/08/1996
12.	Concentration of Hydrocarbons (ppm)	< 0.0003	***	USEPA 18 -25.09.1996
13.	Smoke Limit (Light Absorption Coefficient, m-1)	0.078K	≤ 0.7	AS PER CPCB
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 Limite

Signature

Name Designation.

Mr. Bhaskarjyoti Dutta Name

: Chemist

Signature : Mr. Dipankar Das

Designation. : Office Assistant Signature

Name

: Mr. Rayi Shankar Roy

Designation : Branch Manager

The results relate only to the item(s) tested.

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Name & Address of the	Customer	Report No.	: MSK/2024-25/02404A39
"M/s OIL INDIA LIMITED"  Duliajan, Dibrugarh, Assam-786602		Report Date	: 31.01.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: GCS TENGAKHAT
Durinjuri, Dioragarri, 1 ibburi	700002	Sample Number	: MSKGL/ED/2024-25/01/02199
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO 812928	3 of Contract No. 6119277		
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
31.01.2025	24.01.2025	24.01.2025	31.01.2025
		-	

### **ANALYSIS RESULT**

	ANALISIS RE	BULI		
A.	General information about stack :	:		
1.	Stack connected to	: GL-2		
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	: NIL		
B.	Physical characteristics of stack :			
1	Height of the stack from ground level	: 3.658 m		
2.	Diameter of the stack at sampling point	: 0.203 m		
3.	Area of Stack	: 0.03241 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)	186		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.)	23.97		USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm3/hr)	1808		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)	20.1		IS:13270:1992 Reaff, 2014
7,	Concentration of Carbon Dioxide (%v/v)	6.0	****	IS:13270:1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm3)	23.5	***	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide (ppmv)	72.2	245	USEPA Part-6, 25/09/1996
	Concentration of Lead (mg/Nm3)	< 0.005		USEPA-29, 25/06/1996
11.	Concentration of Particulate matter (mg/Nm3)	34.9	***	USEPA Part-17, 16/08/1990
12.	Concentration of Hydrocarbons (ppm)	< 0.0003		USEPA 18 -25.09.1996

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

Remarks: Nil

**Analyzed By:** 

E.

Prepared By:

**Authorized Signatory** For Mitra S.K. Private Limited

AS PER CPCB

Signature Name

Mr. Bhaskarjyoti Dutta

Smoke Limit (Light Absorption Coefficient, m-1)

Signature Name

: Mr. Dipankar Das

Signature

Name

 $\leq 0.7$ 

: Mr. Ravi Shankar Roy Designation : Branch Manager

Designation.

: Chemist

Designation.

: Office Assistant

0.080K

The results relate only to the item(s) tested.

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Name & Address of the Customer		Report No.	: MSK/2024-25/02404A40
		Report Date	: 31.01.2025
"M/s OIL INDIA LIMITED	"	Nature of Sample	: Stack Emission
Duliajan, Dibrugarh, Assam	-786602	Sample Mark	: GCS TENGAKHAT
Dariajan, Dioragani, 1 tobani	Dunajan, Dibrugarn, Assan 1700002		: MSKGL/ED/2024-25/01/02200
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO 812928	3 of Contract No. 6119277		
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
31.01.2025	24.01.2025	24.01.2025	31.01.2025

General information about stack : Stack connected to	, DODTARI			
		E AID COMD	DECCOD 1	
Emission due to	: PORTABLE AIR COMPRESSOR 1		KESSUK I	
Material of construction of Stack	; HSD			
	: MS			
	. Tr			
	: NIL			
	: 1.2192 m			
, 0,	: 0.0762 m			
	: 0.00145 m2			
Analysis/Characteristic of stack:  1. Fuel used: NG				
Result of sampling & analysis of gaseous emission	Result	Limit as per CPCB	Method	
Temperature of emission (°C)	135		USEPA Part 2, 25.09.1996	
Barometric Pressure (mm of Hg)	762		USEPA Part 2, 25.09.1996	
Velocity of gas (m/sec.)	18.93	***	USEPA Part 2, 25.09.1996	
	72	****	USEPA Part 2, 25.09.1996	
Concentration of Oxygen (%v/v)	14.0	***	IS:13270:1992 Reaff, 2014	
Concentration of Carbon Monoxide (mg/Nm3)	20.5	***	IS:13270:1992 Reaff, 2014	
Concentration of Carbon Dioxide (%v/v)	5.4		IS:13270:1992 Reaff, 2014	
Concentration of Sulphur Dioxide (mg/Nm3)	22.7		USEPA-29, 25/06/1996	
Concentration of Nitrogen Oxide (ppmv)			USEPA Part-6, 25/09/1996	
Concentration of Lead (mg/Nm3)	< 0.005		USEPA-29, 25/06/1996	
	34.2		USEPA Part-17, 16/08/1996	
Concentration of Hydrocarbons (ppm)	< 0.0003		USEPA 18 -25.09.1996	
Smoke Limit (Light Absorption Coefficient, m-1)			AS PER CPCB	
	Result of sampling & analysis of gaseous emission  Temperature of emission (°C)  Barometric Pressure (mm of Hg)  Telocity of gas (m/sec.)  Quantity of Gas Flow (Nm3/hr)  Concentration of Oxygen (%v/v)  Concentration of Carbon Monoxide (mg/Nm3)  Concentration of Sulphur Dioxide (mg/Nm3)  Concentration of Nitrogen Oxide (ppmv)  Concentration of Lead (mg/Nm3)  Concentration of Particulate matter (mg/Nm3)  Concentration of Hydrocarbons (ppm)	Whether stack is provided with permanent platform & ladder DG capacity Physical characteristics of stack: Height of the stack from ground level Diameter of the stack at sampling point Area of Stack Analysis/Characteristic of stack:  1. Fuel used: NG Result of sampling & analysis of gaseous emission Result Gemperature of emission (°C) Barometric Pressure (mm of Hg) Velocity of gas (m/sec.) Quantity of Gas Flow (Nm3/hr) Concentration of Oxygen (%v/v) Concentration of Carbon Monoxide (mg/Nm3) Concentration of Sulphur Dioxide (mg/Nm3) Concentration of Nitrogen Oxide (ppmv) Concentration of Particulate matter (mg/Nm3) Concentration of Hydrocarbons (ppm)  Velocoty Velocity Ve	Whether stack is provided with permanent platform & ladder DG capacity  Physical characteristics of stack: Height of the stack from ground level Diameter of the stack at sampling point Area of Stack  I. Fuel used: NG  Result of sampling & analysis of gaseous emission Result of sampling & analysis of gaseous emission Pressure (mm of Hg)  Velocity of gas (m/sec.) Quantity of Gas Flow (Nm3/hr) Concentration of Carbon Monoxide (mg/Nm3) Concentration of Sulphur Dioxide (mg/Nm3) Concentration of Sulphur Dioxide (mg/Nm3) Concentration of Particulate matter (mg/Nm3) Concentration of Particulate matter (mg/Nm3) Concentration of Hydrocarbons (ppm)  Concentration of Hydrocarbons (ppm)	

**Analyzed By:** 

Prepared By:

**Authorized Signatory** For Mitra S.K. Private Limited

Signature

Name Designation. : Mr. Bhaskarjyoti Dutta

: Chemist

Signature Name

Designation.

: Mr. Dipankar Das : Office Assistant

Signature

Name

: Mr. Ravi Shankar

Designation : Branch Manager

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Name & Address of the	Customer	Report No.	: MSK/2024-25/02404A41
		Report Date	: 31.01.2025
"M/s OIL INDIA LIMITED"  Duliajan, Dibrugarh, Assam-786602		Nature of Sample	: Stack Emission
		Sample Mark	: GCS TENGAKHAT
		Sample Number	: MSKGL/ED/2024-25/01/02201
		Instrument ID	; 135-H-19
Ref. No.:W.O. NO 812928	3 of Contract No. 6119277		
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date
31.01.2025	24.01.2025	24.01.2025	31.01.2025

	ANALYSIS RE	SULT			
Α.	General information about stack :	:			
1.,	Stack connected to	: PORTABLE AIR COMPRESSOR 2			
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			
3.	DG capacity	: NIL			
В.	Physical characteristics of stack :				
	Height of the stack from ground level	: 1.2192 m			
2.	Diameter of the stack at sampling point	: 0.0762 m			
3.	Area of Stack	: 0.00145 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)	128		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.)	18.34		USEPA Part 2, 25.09.1996	
4.	Quantity of Gas Flow (Nm3/hr)	71	986	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)	19.9	***	IS:13270:1992 Reaff, 2014	
7,	Concentration of Carbon Dioxide (%v/v)	5.8	***	IS:13270:1992 Reaff, 2014	
	Concentration of Sulphur Dioxide (mg/Nm3)	21.6		USEPA-29, 25/06/1996	
8.					
8. 9.	Concentration of Nitrogen Oxide (ppmv)	71.9	***	USEPA Part-6, 25/09/1996	
9.	Concentration of Nitrogen Oxide (ppmv)  Concentration of Lead (mg/Nm3)	71.9 <0.005	***	USEPA Part-6, 25/09/1996 USEPA-29, 25/06/1996	
9. 10. 11.	Concentration of Nitrogen Oxide (ppmv)  Concentration of Lead (mg/Nm3)  Concentration of Particulate matter (mg/Nm3)	-			
	Concentration of Nitrogen Oxide (ppmv)  Concentration of Lead (mg/Nm3)	< 0.005	***	USEPA-29, 25/06/1996	

**Analyzed By:** 

Prepared By:

**Authorized Signatory** For Mitra S.K. Private Limited

Signature

Name Designation.

Mr. Bhaskarjyoti Dutta

: Chemist

Signature Name

Designation.

: Mr. Dipankar Das

: Office Assistant

Signature

Name

Designation : Branch Manager

The results relate only to the item(s) tested.

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Approved by



Report Date: 30.10.2024  Sample Description: Ambient Air  Sample Number: MSKGL/ED/2  Sampling Location: GCS TENG			
Sample Number : MSKGL/ED/2			
Sampling Location :GCS TENG	АКНАТ		
	Sampling Location :GCS TENGAKHAT		
Instrument ID: RDS 1940-DTB-2011/ FPS 91-DTL-2021			
GPS Reading: N 27051/38", E 95042/53"			
Analysis Start Date	Analysis Complete Date		
19.10,2024	26.10.2024		
	GPS Reading: N 27 <sup>0</sup> 51 <sup>7</sup> 38 <sup>7</sup> , E 95 <sup>0</sup> Analysis Start Date		

Sì. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1.	Particulate Matter ( PM <sub>10</sub> )	IS: 5182 (Part-23)-2006	(μg/m3)	62.1	100
2.	Particulate Matter ( PM <sub>2.5</sub> )	IS: 5182 (Part-24)	(μg/m3)	34.5	60
3.	Sulphur Dioxide (SO <sub>2</sub> )	IS: 5182 (Part-2)-2001	(μg/m3)	6.5	80

**Analysis Result** 

۷.	Tarriculate Watter ( FW2.5)	15. 3162 (Falt-24)	(μg/m3)	34.5	60
3,	Sulphur Dioxide (SO <sub>2</sub> )	IS: 5182 (Part-2)-2001	(μg/m3)	6.5	80
4.	Nitrogen Dioxide (NO <sub>2</sub> )	IS: 5182 (Part-6)-2006	(μg/m3)	20.9	80
5.	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m3)	0.72	2
6.	Ozone (O <sub>3</sub> )	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(μg/m3)	22.3	180
7,	Ammonia (NH <sub>3</sub> )	IS 5182 (Part 25) : 2018	(µg/m3)	11.2	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 <sub>6</sub> H <sub>6</sub> )	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	1.96	766
15.	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	1919.01
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.96	05(5)
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(μg/m3)	<4.2	02022

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

**Analyzed By:** 

Signature

Designation.

Name

Prepared By:

: Mr.Bhaskarjyoti Dutta : Chemist

Signature Name

Designation.

: HiramoniRajbongshi : Office Assistant

**Authorized Signatory** ForMitra S.K. Private Limited

Signature Name

: Nowy : Mr. Ravi Sankar Roy Designation: Branch Manager

The results relate only to the item(s) tested.

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



Name & Address of the Custome	er ;	Report No. : MSK/2024-25/01925		
		Report Date : 16.12.2024		
"M/s OIL INDIA LIMITED",		Sample Description : Ambient Air  Sample Number : MSKGL/ED/2024-25/12/00607  Sampling Location : GCS TENGAKHAT		
Duliajan, Dibrugarh, Assam-786	602			
,, ,				
		Instrument ID : RDS 01-DTK-2017	// FPS 1126A22	
Ref. No.:W.O. NO 8129283 of	Contract No. 6119277	GPS Reading: N 27°51′38″, E 95°	42/53//	
Date of Sampling	Sample Received Date	Date of Sampling	Sample Received Date	
28.11.2024 02.12.2024		02.12,2024	08.12.2024	

### **Analysis Result** SI. No. Test Parameter Method Unit **CPCB** Limit Results 1. Particulate Matter ( PM<sub>10</sub>) IS: 5182 (Part-23)-2006 (µg/m3) 75.1 100 Particulate Matter ( PM25) 2. IS: 5182 (Part-24) 42.3 $(\mu g/m3)$ 60 3. Sulphur Dioxide (SO<sub>2</sub>) IS: 5182 (Part-2)-2001 11.4 $(\mu g/m3)$ 80 4. Nitrogen Dioxide (NO2) IS: 5182 (Part-6)-2006 $(\mu g/m3)$ 27.1 80 5. Carbon Monoxide (CO) IS 5182: (Part-10):1999 1.04 (mg/m3)2 IS:5182 (Part-IX)-1974 6. Ozone (O<sub>3</sub>) (µg/m3) 26.3 180 Reaffirmed-2019 7. Ammonia (NH<sub>3</sub>) IS 5182 (Part 25): 2018 $(\mu g/m3)$ 13.2 400 8. Lead (Pb) USEPA IO-3.4 $(\mu g/m3)$ < 0.01 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<sub>6</sub>H<sub>6</sub>) IS 5182: (Part 11):2006 (µg/m3) <4.2 5 12. Benzo(a)Pyrene (BaP) IS 5182: (Part 12):2004 < 0.5 (ng/m3) 1 13. Mercury (Hg) USEPA IO-5.0 < 0.002 $(\mu g/m3)$ 14. Methane (Hydrocarbon) IS 5182: (Part 17) 1.92 ppm 15. Non-methane (Hydrocarbon) IS 5182: (Part 17) ppm < 0.5 16. Total Hydrocarbon IS 5182: (Part 17) 1.92 ppm 17. Volatile Organic Compounds (VOC) IS 5182: (PART-11):2006 $(\mu g/m3)$ <4.2 Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality

**Analyzed By:** 

Prepared By:

Signature

Name Designation.

: Chemist

: Mr. Bhaskarjyoti Dutta

Signature

Name

Designation.

: Hiramoni Rajbongshi

: Office Assistant

ForMitra S.K. Private Limited

Signature Name

RSoon

: Mr. Ravi Sankar Roy

Designation: Branch Manager

Authorized Signatory RA

The results relate only to the item(s) tested.

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Approved by



Name & Address of the Customer	*	Report No. : MSK/2024-25/02228A46		
		Report Date : 29.12.2024  Sample Description : Ambient Air		
"M/s OIL INDIA LIMITED",				
Duliajan, Dibrugarh, Assam-7866	02	Sample Number : MSKGL/ED/2024-25/12/02073		
- william, 5100 again, 100 again, 100 again, 100 again, 510 again, 510 again, 510 again, 510 again, 510 again,		Sampling Location : GCS TENGAKHAT		
		Instrument ID : RDS 202-DTF-201	6/ FPS 94-DTL-2021	
Ref. No.: W.O. NO 8129283 of C	Contract No. 6119277	GPS Reading: N 27°51′38″, E 95°42′53″		
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date	
19.12.2024 23.12.2024		23.12.2024	29.12.2024	

SI. No.	Test Parameter	Method	Unit	Results	CPCB Limit
l;	Particulate Matter ( PM <sub>10</sub> )	IS: 5182 (Part-23)-2006	(μg/m3)	69.5	100
2,	Particulate Matter ( PM25)	IS: 5182 (Part-24)	(µg/m3)	34.9	60
3.	Sulphur Dioxide (SO <sub>2</sub> )	IS: 5182 (Part-2)-2001	(µg/m3)	7.2	80
4.	Nitrogen Dioxide (NO2)	IS: 5182 (Part-6)-2006	(µg/m3)	21.3	80
5,	Carbon Monoxide ( CO )	IS 5182 : (Part-10) :1999	(mg/m3)	0.54	2
6.	Ozone (O <sub>3</sub> )	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(μg/m3)	<20.0	180
7.	Ammonia (NH <sub>3</sub> )	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 10-3.4	(ng/m3)	<5.0	20
10.	Arsenic (As)	USEPA IO-3.4	(ng/m3)	<1.0	6
118	Benzene ( C <sub>6</sub> H <sub>6</sub> )	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
132	Mercury ( Hg )	USEPA IO-5.0	(µg/m3)	<0.002	***
14.	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	1.96	744
15.	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	555
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.96	***
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(μg/m3)	<4.2	***

**Analyzed By:** 

Prepared By:

**Authorized Signatory** ForMitra S.K. Private Limited

Signature Name

Mr.Bhaskarjyoti Dutta

Signature Name

: HiramoniRajbongshi

Designation.

: Chemist

Designation.

Office Assistant

Signature Name

: Mr. Ravi Sankar Roy Designation: Branch Manager

The results relate only to the item(s) tested.

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Approved by



Name & Address of the Custome	r *	Report No.: MSK/2024-25/02406			
		Report Date: 09.02.2025  Sample Description: Ambient Air			
"M/s OIL INDIA LIMITED",					
Duliajan, Dibrugarh, Assam-7866	602	Sample Number : MSKGL/ED/2024-25/01/02096			
<b>,</b>		Sampling Location :GCS TENGAKHAT			
		Instrument ID :RDS 1940-DTB-20	11/ FPS 91-DTL-2021		
Ref. No.: W.O. NO 8129283 of	Contract No. 6119277	GPS Reading: N 27º20'43", E 95º27	<sup>1</sup> 39 <sup>11</sup>		
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date		
21.01.2025 24.01.2025		24.01.2025	01.02,2025		

Analysis Result								
SI. No.	Test Parameter	Method	Unit	Results	CPCB Limit			
1,,	Particulate Matter ( PM <sub>10</sub> )	IS: 5182 (Part-23)-2006	(μg/m3)	62.4	100			
2.	Particulate Matter ( PM <sub>2.5</sub> )	IS: 5182 (Part-24)	(µg/m3)	36.6	60			
3.	Sulphur Dioxide (SO <sub>2</sub> )	IS: 5182 (Part-2)-2001	(μg/m3)	6.6	80			
4.	Nitrogen Dioxide (NO <sub>2</sub> )	IS: 5182 (Part-6)-2006	(μg/m3)	22.9	80			
5,	Carbon Monoxide ( CO )	IS 5182 : (Part-10) :1999	(mg/m3)	0.86	2			
6.	Ozone (O <sub>3</sub> )	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(μg/m3)	22.7	180			
7.	Ammonia (NH <sub>3</sub> )	IS 5182 (Part 25) : 2018	(µg/m3)	11.3	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 <sub>6</sub> H <sub>6</sub> )	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	212			
14.	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	1.93	1999			
15,	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5				
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.93	. 555			
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m3)	<4.2				

**Analyzed By:** 

Prepared By:

**Authorized Signatory** ForMitra S.K. Private Limited

Signature

Name Designation.

: Mr.Bhaskarjyoti Dutta

: Chemist

Signature

Name

: Mr. Dipankar Das Designation.

: Office Assistant

Signature

Name

Designation : Branch Manager

The results relate only to the item(s) tested.

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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

Approved by Uttam Prodhan

Suptdg. Research Scientist, R&D Dept., Oil India Ltd., Duliajan, Assam

RECORDS OF IME-PME OF EMPLOYEES OF TENGAKHAT/ KATHALONI/DIKOM GCS								
SI. No.	Installation		OIL ID	PME Records				
		Name		Last PME	Due Date			
1	1	Jayanta Kumar Das	200057	10.03.2025	09.03.2028			
2		Tapan Das	200711	19.02.2024	18.02.2027			
3		Bhugeswar Buragohain	103897	06.03.2025	05.03.2028			
4		Silpi Jyoti Gogoi	202885	01.08.2023	31.07.2026			
5		Ronjit Phukan	102074	21.02.2024	20.02.2027			
6	Kathaloni GCS	Bipul Phukan	102075	22.02.2024	21.02.2027			
7	&	Deepjyoti Dutta	200682	23.02.2024	22.02.2027			
8	Tengakhat GCS	Ruhini Phukan	103886	05.03.2025	04.03.2028			
9	&	Prasanta Gharpalia	103929	22.09.2022	21.09.2025			
10	Dikom GCS	Dhrubajyoti Chetia	201699	11.03.2025	10.03.2028			
11		Tinku Rajkhowa	200686	27.02.2024	26.02.2027			
12		Tapan Gohain	203236	28.02.2024	27.02.2027			
13		Niranjan Chetia	203144	28.02.2024	27.02.2027			
14		Protim Borah	203116	12.03.2025	11.03.2028			
15	1	Bhugen Gogoi	102238	29.02.2024	28.02.2027			

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