



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)
To	:	Deputy Director General of Forests (Central), Sub Office, Guwahati (under Regional Office, Shillong), 4th Floor, Housefed Building, Rukminigaon, Guwahati-781022. (Email : iro.guwahati-mefcc@gov.in, iro.moefcc.ghy@gmail.com)
Subject	:	Submission of Half-yearly (October 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 at Doomdooma-Pengry Area, District Tinsukia, Assam.
3.	F. No. J-11011/682/2008-IA II (I) dated 17.06.2013	Expansion of Gas field Development in Tengakhat-Naharkatia-Jorajan area and Doomdooma Pengry area, Assam by M/s Oil India Ltd.
4.	F. No. J-11011/116/2018-IA II (I) dated 07.01.2020	Onshore Oil & Gas Exploration & Development Drilling and Production in Ningru Oil & Gas Field in Districts Changlang and Namsai for Ningru PML Block (Arunachal Pradesh)
5.	F. No. J-11011/1260/2007-IA II (I) dated 09.04.2020	Onshore Oil & Gas Development Drilling and Production in Mechaki Area covering Mechaki, Mechaki Extension, Baghjan and Tinsukia Extension PMLs on District Tinsukia (Assam).
6.	F. No. J-11011/150/2016- IA II (I) dated 11.05.2020	Extension Drilling & Testing of Hydrocarbons at 7 (seven) Locations under Dibru-Saikhowa National Park Area, North-West of Baghjan PML, District Tinsukia, Assam.
7.	F. No. J-11011/1253/2007-IA II (I) dated 28.12.2020	Onshore Oil & Gas development drilling and production by M/S Oil India Ltd in Dibrugarh district under Dibrugarh, Chabua, Hugrijan and Tinsukia PMLs. (Dibrugarh- Bhogpara)
8.	F. No. J-11011/375/2016-IA II (I) dated 28.12.2020	Onshore Oil & Gas Development Drilling and Production (179 wells and 9 Production 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




(Mallika Baruah Sarma)
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, Bamunimaïdan, 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 ₁₀ , SO ₂ , NO _x , VOC _s and HC (Methane and Non-methane) shall be monitored and displayed at a convenient location near the main gate of the company and at important public places. The location and results of existing monitoring stations should be reviewed in consultation with the concerned State Pollution Control Board based on the occurrence of maximum 3 ground level concentration and downwind direction of wind. If required, additional stations should be set up. It will be ensured that at least one monitoring station is set up in up-wind & in down-wind direction along with those in other directions.	Complied. Latest Report of Ambient Air Quality along with VOC and HC Monitoring is enclosed.
vi	Regular monitoring of VOC and HC in the work zone area in the plant premises shall be carried and data be submitted to Ministry's Regional Office at Shillong, CPCB and Assam Pollution Control Board.	Complied. Latest Report of Ambient Air Quality along with VOC and HC Monitoring is enclosed.

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

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

	medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	
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B. General Condition		
Sl No.	EC Condition	Compliance status/ Remark
i	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and any other statutory authority.	Complied
ii	No further expansion or modification in the project shall be carried out without prior approval of the Ministry of Environment & Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Will be complied
iii	The project authorities must strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 2000 as amended subsequently. Prior approvals from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire Safety Inspectorate etc. must be obtained, wherever applicable.	Complied
iv	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).	Complied
v	A separate Environmental Management Cell equipped with full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.	Being Complied
vi	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	Being Complied
vii	The Regional Office of this Ministry/Central Pollution Control Board/State Pollution Control Board will monitor the stipulated conditions. A six-monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.	Complied Monitored data enclosed.

viii	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad /Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Complied
ix	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF, the respective Zonal Office of CPCB and the PCB, Assam. The criteria pollutant levels namely; PM ₁₀ , SO ₂ , NO _x , CO, HC (Methane & Non-methane), VOC _s (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Complied Compliance status including monitored data is regularly uploaded in company's website and sent to concerned government authorities. Monitored data is also enclosed herewith.
x	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the PCB, Assam. The Regional Office of this Ministry / CPCB / MPPCB shall monitor the stipulated conditions.	Complied Monitored data enclosed.
xi	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.	Complied
xii	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the PCB, Assam and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office.	Complied Copy of newspaper advertisement forwarded with our Compliance Status Report submitted in April, 2014.

xiii	Project authorities shall inform the Regional office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work. Same shall be forwarded to the Regional office.	Complied Copy of newspaper advertisement forwarded with our Compliance Status Report submitted in April, 2014.
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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
pH	-	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 ₃ ²⁻	mg/l	Nil	Nil	BIS 3025-23-2023 / Titration with HCl
Bicarbonate as HCO ₃ ⁻	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.

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)

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

Ver 1.0 2024

Page 1 of 1

STACK GAS MONITORING REPORT

Name & Address of the Customer		Report No.	: MSK/2024-25/02500
"M/s OIL INDIA LIMITED" Duliajan, Dibrugarh, Assam-786602		Report Date	: 09.02.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: GCS HEBEDA GAON
		Sample Number	: MSKGL/ED/2024-25/01/02235
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO.- 8129283 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	: 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	
B.	Physical characteristics of stack :		
1.	Height of the stack from ground level	: 4.572 m	
2.	Diameter of the stack at sampling point	: 0.1016 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
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	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	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)	0.094	USEPA Part-17, 16/08/1996
12.	Smoke Limit (Light Absorption Coefficient, m-1)	0.103K	AS PER CPCB
E.	Pollution control device:		Remarks: Nil
	Details of pollution control devices attached with the stack : Nil		

Analyzed By:



Signature :
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:



Signature :
 Name : Mr. Dipankar Das
 Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited



Signature :
 Name : Mr. Kavya Shankar Roy
 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, 2nd Floor, Aranachal Path, R.G. Baruah Road, Guwahati-781021(Assam)

Head Office: Shracchi 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

STACK GAS MONITORING REPORT

Name & Address of the 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
		Sample Number	: MSKGL/ED/2024-25/01/02236
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO.- 8129283 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

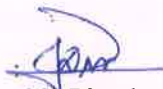
A.	<u>General information about stack :</u>		:
1.	Stack connected to	:	DRENCHING PUMP-2
2.	Emission due to	:	HSD
3.	Material of construction of Stack	:	MS
4.	Shape of Stack	:	Circular
5.	Whether stack is provided with permanent platform & ladder	:	Yes
6.	DG capacity	:	190 HP
B.	<u>Physical characteristics of stack :</u>		
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.	<u>Analysis/Characteristic of stack:</u>		
	1. Fuel used : HSD		
D.	<u>Result of sampling & analysis of gaseous emission</u>	<u>Result</u>	<u>Limit as per CPCB</u>
			<u>Method</u>
1.	Temperature of emission (°C)	129	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.)	17.96	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	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	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	USEPA Part-17, 16/08/1996
12.	Smoke Limit (Light Absorption Coefficient, m-1)	0.101K	AS PER CPCB
E.	<u>Pollution control device:</u>		<u>Remarks:</u> Nil
	Details of pollution control devices attached with the stack : Nil		

Analyzed By:



Signature :
Name : Mr. Bhaskarjyoti Dutta
Designation : Chemist

Prepared By:



Signature :
Name : Mr. Dipankar Das
Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited



Signature :
Name : Mr. Ravi 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



Approved by
Uttam Prodhan

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

STACK GAS MONITORING REPORT

Name & Address of the Customer		Report No.	: MSK/2024-25/02502
"M/s OIL INDIA LIMITED" Duliajan, Dibrugarh, Assam-786602		Report Date	: 09.02.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: GCS HEBEDA GAON
		Sample Number	: MSKGL/ED/2024-25/01/02237
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO.- 8129283 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	:	DRENCHING PUMP-3	
2.	Emission due to	:	HSD	
3.	Material of construction of Stack	:	MS	
4.	Shape of Stack	:	Circular	
5.	Whether stack is provided with permanent platform & ladder	:	Yes	
6.	DG capacity	:	190 HP	
B.	Physical characteristics of stack :			
1.	Height of the stack from ground level	:	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)	136	...	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.)	18.53	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm3/hr)	392	...	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.8	...	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide (g/kW-hr)	0.193	≤ 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)	23.2	...	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr)	0.311	≤ 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)	0.093	≤ 0.3	USEPA Part-17, 16/08/1996
12.	Smoke Limit (Light Absorption Coefficient, m-1)	0.091K	≤ 0.7	AS PER CPCB
E.	Pollution control device:			
	Details of pollution control devices attached with the stack : Nil			
	Remarks: Nil			

Analyzed By:



Signature :
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:



Signature :
 Name : Mr. Dipankar Das
 Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited



Signature :
 Name : Mr. Ravi Shankar 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



Approved by
 Uttam Prodhan

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

STACK GAS MONITORING REPORT

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
		Sample Number	: MSKGL/ED/2024-25/01/02238
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO.- 8129283 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

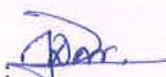
A.	<u>General information about stack :</u>		:
1.	Stack connected to	:	GEG-1
2.	Emission due to	:	NG
3.	Material of construction of Stack	:	MS
4.	Shape of Stack	:	Circular
5.	Whether stack is provided with permanent platform & ladder	:	Yes
6.	DG capacity	:	803 KW
B.	<u>Physical characteristics of stack :</u>		
1.	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.	<u>Analysis/Characteristic of stack:</u>		
	1. Fuel used : NG		
D.	<u>Result of sampling & analysis of gaseous emission</u>	<u>Result</u>	<u>Limit as per CPCB</u>
			<u>Method</u>
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
E.	<u>Pollution control device:</u>		<u>Remarks:</u> Nil
	Details of pollution control devices attached with the stack : Nil		

Analyzed By:



Signature :
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:



Signature :
 Name : Mr. Dipankar Das
 Designation : Office Assistant

Authorized Signatory

Mitra S.K. Private Limited



Signature :
 Name : Mr. Ravi Shankar Roy
 Designation : Branch Manager

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 Tel : 91 33 40143000 / 22650006 / 22650007 Fax : 91 33 22650008
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Approved by
 Uttam Prodhan

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

Name & Address of the 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
		Sample Number	: MSKGL/ED/2024-25/01/02239
		Instrument ID	: 135-H-19
Ref. No.:W.O. NO.- 8129283 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

A.	<u>General information about stack :</u>			
1.	Stack connected to	: GEG-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	: 803 KW		
B.	<u>Physical characteristics of stack :</u>			
1.	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 m ²		
C.	<u>Analysis/Characteristic of stack:</u>			
	1. Fuel used : NG			
D.	<u>Result of sampling & analysis of gaseous emission</u>	<u>Result</u>	<u>Limit as per CPCB</u>	<u>Method</u>
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 (Nm ³ /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/Nm ³)	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/Nm ³)	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/Nm ³)	<0.005	...	USEPA-29, 25/06/1996
11.	Concentration of Particulate matter (mg/Nm ³)	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
E.	<u>Pollution control device:</u>			
	Details of pollution control devices attached with the stack : Nil			
		<u>Remarks:</u> Nil		



John

Mitra S.K. Private Limited

Signature : 
Name : Mr. Ravi Shankar Roy
Designation : Branch Manager

- Head Office: Shraachi Centre (5th floor), 74B, A.J.C. Base 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

Waldorf

Approved by
Uttam Prodhan

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

STACK GAS MONITORING REPORT

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
		Sample Number	: MSKGL/ED/2024-25/01/02240
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO.- 8129283 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.	<u>General information about stack :</u>	:		
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.	<u>Physical characteristics of stack :</u>			
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.	<u>Analysis/Characteristic of stack:</u>			
	1. Fuel used : NG			
D.	<u>Result of sampling & analysis of gaseous emission</u>	<u>Result</u>	<u>Limit as per CPCB</u>	<u>Method</u>
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
11.	Concentration of Particulate matter (mg/Nm3)	34.1	...	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)	0.091K	≤ 0.7	AS PER CPCB
E.	<u>Pollution control device:</u>	<u>Remarks:</u> Nil		
	Details of pollution control devices attached with the stack : Nil			

Analyzed By:

Shilla

Prepared By:

Qatar

Authorized Signatory

For Mitra S.K. Private Limited

Signature

Name : Mr. Bhaskarjyoti Dutta

Designation. : Chemist

Signature

Name : Mr. Dipankar Das

Designation. : Office Assistant

Signature

Name : Mr. Ravi Shankar Roy

Designation : Branch Manager

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Waldorf

Approved by

Approved by
Uttam Prodhan

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

Name & Address of the Customer		Report No.	: MSK/2024-25/02506
"M/s OIL INDIA LIMITED" Duliajan, Dibrugarh, Assam-786602		Report Date	: 09.02.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: GCS HEBEDA GAON
		Sample Number	: MSKGL/ED/2024-25/01/02241
		Instrument ID	: 135-H-19
Ref. No.:W.O. NO.- 8129283 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

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

STACK GAS MONITORING REPORT

Name & Address of the Customer		Report No.	: MSK/2024-25/02507
"M/s OIL INDIA LIMITED" Duliajan, Dibrugarh, Assam-786602		Report Date	: 09.02.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: GCS HEBEDA GAON
		Sample Number	: MSKGL/ED/2024-25/01/02242
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO.- 8129283 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.	<u>General information about stack :</u>		:
1.	Stack connected to	:	LPB-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	:	Yes
6.	DG capacity	:	NIL
B.	<u>Physical characteristics of stack :</u>		
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.	<u>Analysis/Characteristic of stack:</u>		
	1. Fuel used : NG		
D.	<u>Result of sampling & analysis of gaseous emission</u>	<u>Result</u>	<u>Limit as per CPCB</u>
			<u>Method</u>
1.	Temperature of emission (°C)	196	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.)	24.26	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm3/hr)	1007	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)	21.3	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)	20.9	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide (ppmv)	71.9	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)	33.9	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)	0.061K	AS PER CPCB
E.	<u>Pollution control device:</u>		
	Details of pollution control devices attached with the stack : Nil		
	<u>Remarks:</u> Nil		

Analyzed By:



Signature :
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:



Signature :
 Name : Mr. Dipankar Das
 Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited



Signature :
 Name : Mr. Ravi Shankar Roy
 Designation : Branch Manager

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Approved by
 Uttam Prodhon

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

STACK GAS MONITORING REPORT

Name & Address of the Customer		Report No.	: MSK/2024-25/02508
"M/s OIL INDIA LIMITED" Duliajan, Dibrugarh, Assam-786602		Report Date	: 09.02.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: GCS HEBEDA GAON
		Sample Number	: MSKGL/ED/2024-25/01/02243
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO.- 8129283 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.	<u>General information about stack :</u>		:	
1.	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
B.	<u>Physical characteristics of stack :</u>			
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.	<u>Analysis/Characteristic of stack:</u>			
	1. Fuel used : NG			
D.	<u>Result of sampling & analysis of gaseous emission</u>	<u>Result</u>	<u>Limit as per CPCB</u>	<u>Method</u>
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
7.	Concentration of Carbon Dioxide (%v/v)	5.4	...	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm3)	22.6	...	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide (ppmv)	73.9	...	USEPA Part-6, 25/09/1996
10.	Concentration of Lead (mg/Nm3)	<0.005	...	USEPA-29, 25/06/1996
11.	Concentration of Particulate matter (mg/Nm3)	32.8	...	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)	0.041K	≤ 0.7	AS PER CPCB
E.	<u>Pollution control device:</u>			
	Details of pollution control devices attached with the stack : Nil			
	<u>Remarks:</u> Nil			

Analyzed By:



Signature :
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:



Signature :
 Name : Mr. Dipankar Das
 Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited



Signature :
 Name : Mr. Ravi Shankar Roy
 Designation : Branch Manager

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Approved by
 Uttam Prodhan

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

STACK GAS MONITORING REPORT

Name & Address of the Customer		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
		Sample Number	: MSKGL/ED/2024-25/01/02244
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO.- 8129283 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	: GL-B																																										
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 m ²																																										
C.	Analysis/Characteristic of stack:																																											
	1. Fuel used : NG																																											
D.	Result of sampling & analysis of gaseous emission																																											
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Result</th> <th style="width: 10%;">Limit as per CPCB</th> <th style="width: 40%;">Method</th> </tr> </thead> <tbody> <tr> <td>1. Temperature of emission (°C)</td> <td>216</td> <td>USEPA Part 2, 25.09.1996</td> </tr> <tr> <td>2. Barometric Pressure (mm of Hg)</td> <td>762</td> <td>USEPA Part 2, 25.09.1996</td> </tr> <tr> <td>3. Velocity of gas (m/sec.)</td> <td>24.50</td> <td>USEPA Part 2, 25.09.1996</td> </tr> <tr> <td>4. Quantity of Gas Flow (Nm³/hr)</td> <td>976</td> <td>USEPA Part 2, 25.09.1996</td> </tr> <tr> <td>5. Concentration of Oxygen (%v/v)</td> <td>13.8</td> <td>IS:13270 :1992 Reaff, 2014</td> </tr> <tr> <td>6. Concentration of Carbon Monoxide (mg/Nm³)</td> <td>19.9</td> <td>IS:13270 :1992 Reaff, 2014</td> </tr> <tr> <td>7. Concentration of Carbon Dioxide (%v/v)</td> <td>5.6</td> <td>IS:13270 :1992 Reaff, 2014</td> </tr> <tr> <td>8. Concentration of Sulphur Dioxide (mg/Nm³)</td> <td>22.3</td> <td>USEPA-29, 25/06/1996</td> </tr> <tr> <td>9. Concentration of Nitrogen Oxide (ppmv)</td> <td>73.8</td> <td>USEPA Part-6, 25/09/1996</td> </tr> <tr> <td>10. Concentration of Lead (mg/Nm³)</td> <td><0.005</td> <td>USEPA-29, 25/06/1996</td> </tr> <tr> <td>11. Concentration of Particulate matter (mg/Nm³)</td> <td>31.7</td> <td>USEPA Part-17, 16/08/1996</td> </tr> <tr> <td>12. Concentration of Hydrocarbons (ppm)</td> <td><0.0003</td> <td>USEPA 18 -25.09.1996</td> </tr> <tr> <td>13. Smoke Limit (Light Absorption Coefficient, m-1)</td> <td>0.068K</td> <td>AS PER CPCB</td> </tr> </tbody> </table>	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 (Nm ³ /hr)	976	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/Nm ³)	19.9	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/Nm ³)	22.3	USEPA-29, 25/06/1996	9. Concentration of Nitrogen Oxide (ppmv)	73.8	USEPA Part-6, 25/09/1996	10. Concentration of Lead (mg/Nm ³)	<0.005	USEPA-29, 25/06/1996	11. Concentration of Particulate matter (mg/Nm ³)	31.7	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)	0.068K	AS PER CPCB
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E.	Pollution control device:	Remarks: Nil																																										
	Details of pollution control devices attached with the stack : Nil																																											

Analyzed By:



Signature :
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:



Signature :
 Name : Mr. Dipankar Das
 Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited



Signature :
 Name : Mr. Ravi Shankar 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



Approved by
 Uttam Prodhan

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

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
		Sample Number	: MSKGL/ED/2024-25/01/02245
		Instrument ID	: I35-H-19
Ref. No.:W.O. NO.- 8129283 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

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


STACK GAS MONITORING REPORT

Name & Address of the Customer		Report No.	: MSK/2024-25/02511
"M/s OIL INDIA LIMITED" Duliajan, Dibrugarh, Assam-786602		Report Date	: 09.02.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: GCS HEBEDA GAON
		Sample Number	: MSKGL/ED/2024-25/01/02246
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO. - 8129283 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.	<u>General information about stack :</u>	:	
1.	Stack connected to	:	GL-D
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.	<u>Physical characteristics of stack :</u>		
1.	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 m ²
C.	<u>Analysis/Characteristic of stack:</u>		
	1. Fuel used : NG		
D.	<u>Result of sampling & analysis of gaseous emission</u>	<u>Result</u>	<u>Limit as per CPCB</u>
			<u>Method</u>
1.	Temperature of emission (°C)	184	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.)	23.75	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm ³ /hr)	1012	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	13.4	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide (mg/Nm ³)	19.7	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/Nm ³)	22.2	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide (ppmv)	71.1	USEPA Part-6, 25/09/1996
10.	Concentration of Lead (mg/Nm ³)	<0.005	USEPA-29, 25/06/1996
11.	Concentration of Particulate matter (mg/Nm ³)	32.4	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)	0.076K	AS PER CPCB
E.	<u>Pollution control device:</u>		<u>Remarks:</u> Nil
	Details of pollution control devices attached with the stack : Nil		

Analyzed By:

Signature : 
Name : Mr. Bhaskarjyoti Dutta
Designation. : Chemist

Prepared By:

Signature : 
Name : Mr. Dipankar Das
Designation. : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited

Signature : 
Name : Mr. Ravi Shankar Roy
Designation : Branch Manager

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

Waldorf

Approved by
Uttam Prodhan

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

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

Sl. No.	Area	Standard Illumination Level as per OISD 149 (in Lux)	Measurement Illumination Level in Lux	Remarks
1	Main road (along process units, power house, workshops etc.)	7-10 lux	34	
2	Secondary Roads (along storage tanks setting basin etc.)	3-5 lux	24	
3	Tank farm	10		
4	Pump houses, sheds	100	112	
5	Main Operation Platforms and access stairs	60	76	
6	Ordinary platforms	20		
7	Process areas, pipe racks, heat exchanger, heater, separators, cooling tower, columns, pig launching/receiving loading areas, flare etc.	60		
8	Switching gear building	150-200	620	
9	Transformer bay	100		
10	Battery room	150	548	
11	Control 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	203	
20	Watch room	100		
21	Stairs	50		
22	Corridors / lifts	70	438	
23	Tube well, gate & watchman booth	100	64	
24	Fire House, Garage	100-150	35	

Make: METRI

Model: 1310

Sl.No: R230014751

Signature of IM /
Authorized Person



Approved by
Mr. Uttam Prodhan


Suptd. Research Scientist
Oil India Ltd, Duliajan, Assam


Authorised Person

Mitra S K Private Limited



Oil India Ltd.


Associate Engg-I
203237.

NOISE LEVEL MEASUREMENT REPORT

LOCATION : QCS Hebeda Gaon

(Production Installation – Gas Compressor Stations)

Date : 20.12.2024 Time : 08.00 PM

Sl. No.	Noise Level Measurement at		Measurement in dB(A)	Threshold limit value for Noise as per OISD-166		Recommendation
1	Control Room / Operator Room	Door Open	58	Duration per day(hours)	Sound Level (dBA)	
		Door Closed	54			
2	Air Compressor Shed		82	8	90	
3	Mid Point of Gas Compressor Shed		90	6	92	
4	At the Entrance		69	4	95	
5	Drenching / Trailer Fire Pump		91	3	97	
6	Powerhouse Shed		90	2	100	
7	Methanol / Glycol Pump		76	1 - ½	102	
8	Reboiler Shed		76	1	105	
				½	110	
				¼ or less	115	

Sl. No.	Noise Level Measurement at	Noise level at source in dB(A)	At a distance from the shed								In dB(A)				Near boundary of the installation in dB(A)	Remarks	
			5 mtrs				10 mtrs				15 mtrs						
			North	South	East	West	North	South	East	West	North	South	East	West			
1	LPB-1	94	90	87	90	90										East – 67 West – 62 North – 60 South – 59	
2	LPB-2	93	91	90	90	87											
3	AL-1	93	90	87	90	90											
4	AL-2	93	90	90	87	90											
5	AL-3	92	87	90	87	90											
6																	
7																	
8																	
9																	
10																	

Sound Level Meter: Make - HTC

S/N - SL1350

Authorised Person
Mitra SK Pvt. Ltd.

Approved by
Mr. Uttam Proddhan
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/2024-25/01728			
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602		Report Date : 16.11.2024			
		Sample Description : Ambient Air			
		Sample Number : MSKGL/ED/2024-25/11/00151			
		Sampling Location : GCS HEBEDA GAON			
Ref. No.:W.O. NO.- 8129283 of Contract No. 6119277		Instrument ID : RDS 221-DTJ-2016/ FPS 1120A22			
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		
Enviromental Conditions During Sampling & Transport Condition :Temperature : 24°C, Rain fall : NO					
Analysis Result					
Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1.	Particulate Matter (PM ₁₀)	IS : 5182 (Part-23)-2006	(µg/m ³)	67.2	100
2.	Particulate Matter (PM _{2.5})	IS : 5182 (Part-24)	(µg/m ³)	37.6	60
3.	Sulphur Dioxide (SO ₂)	IS : 5182 (Part-2)-2001	(µg/m ³)	7.0	80
4.	Nitrogen Dioxide (NO ₂)	IS : 5182 (Part-6)-2006	(µg/m ³)	22.3	80
5.	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m ³)	0.86	2
6.	Ozone (O ₃)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m ³)	24.5	180
7.	Ammonia (NH ₃)	IS 5182 (Part 25) : 2018	(µg/m ³)	12.3	400
8.	Lead (Pb)	USEPA IO-3.4	(µg/m ³)	<0.01	1
9.	Nickel (Ni)	USEPA IO-3.4	(ng/m ³)	<5.0	20
10.	Arsenic (As)	USEPA IO-3.4	(ng/m ³)	<1.0	6
11.	Benzene (C ₆ H ₆)	IS 5182 : (Part 11) :2006	(µg/m ³)	<4.2	5
12.	Benzo(a)Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m ³)	<0.5	1
13.	Mercury (Hg)	USEPA IO-5.0	(µg/m ³)	<0.002	...
14.	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	1.92	...
15.	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	...
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.92	...
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m ³)	<4.2	...
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

Analyzed By:



Signature :
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:



Signature :
 Name : Hiramoni Rajbongshi
 Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited



Signature :
 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




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

Ambient Air Quality Monitoring Report

Name & Address of the Customer :		Report No. : MSK/2024-25/01933			
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602		Report Date : 16.12.2024			
		Sample Description : Ambient Air			
		Sample Number : MSKGL/ED/2024-25/12/00615			
		Sampling Location : GCS HEBEDA GAON			
Instrument ID : RDS 1940-DTB-2011/ FPS 91-DTL-2021		GPS Reading : N 27°51'38", E 95°42'53"			
Ref. No.: W.O. NO.- 8129283 of Contract No. 6119277					
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date		
29.11.2024	02.12.2024	02.12.2024	09.12.2024		
Environmental Conditions During Sampling & Transport Condition : Temperature : 27°C, Rain fall : NO					
Analysis Result					
Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1.	Particulate Matter (PM ₁₀)	IS : 5182 (Part-23)-2006	(µg/m ³)	59.6	100
2.	Particulate Matter (PM _{2.5})	IS : 5182 (Part-24)	(µg/m ³)	33.4	60
3.	Sulphur Dioxide (SO ₂)	IS : 5182 (Part-2)-2001	(µg/m ³)	<6.0	80
4.	Nitrogen Dioxide (NO ₂)	IS : 5182 (Part-6)-2006	(µg/m ³)	18.3	80
5.	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m ³)	0.52	2
6.	Ozone (O ₃)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m ³)	<20.0	180
7.	Ammonia (NH ₃)	IS 5182 (Part 25) : 2018	(µg/m ³)	<10.0	400
8.	Lead (Pb)	USEPA IO-3.4	(µg/m ³)	<0.01	1
9.	Nickel (Ni)	USEPA IO-3.4	(ng/m ³)	<5.0	20
10.	Arsenic (As)	USEPA IO-3.4	(ng/m ³)	<1.0	6
11.	Benzene (C ₆ H ₆)	IS 5182 : (Part 11) :2006	(µg/m ³)	<4.2	5
12.	Benzo(a)Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m ³)	<0.5	1
13.	Mercury (Hg)	USEPA IO-5.0	(µg/m ³)	<0.002	...
14.	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	2.19	...
15.	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	...
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	2.19	...
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m ³)	<4.2	...
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

Analyzed By:

Signature : 
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:

Signature : 
 Name : Hiramoni Rajbongshi
 Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited

Signature : 
 Name : Mr. Ravi Sankar Roy
 Designation : Branch Manager

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Approved by
 Uttam Prodhan

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

NOISE LEVEL MEASUREMENT REPORT

LOCATION : QCS Hebeda Gaon

(Production Installation – Gas Compressor Stations)

Date : 20.12.2024 Time : 08.00 PM

Sl. No.	Noise Level Measurement at		Measurement in dB(A)	Threshold limit value for Noise as per OISD-166		Recommendation
1	Control Room / Operator Room	Door Open	58	Duration per day(hours)	Sound Level (dBA)	
		Door Closed	54			
2	Air Compressor Shed		82	8	90	
3	Mid Point of Gas Compressor Shed		90	6	92	
4	At the Entrance		69	4	95	
5	Drenching / Trailer Fire Pump		91	3	97	
6	Powerhouse Shed		90	2	100	
7	Methanol / Glycol Pump		76	1 - ½	102	
8	Reboiler Shed		76	1	105	
				½	110	
				¼ or less	115	

Sl. No.	Noise Level Measurement at	Noise level at source in dB(A)	At a distance from the shed								In dB(A)				Near boundary of the installation in dB(A)	Remarks	
			5 mtrs				10 mtrs				15 mtrs						
			North	South	East	West	North	South	East	West	North	South	East	West			
1	LPB-1	94	90	87	90	90										East – 67 West – 62 North – 60 South – 59	
2	LPB-2	93	91	90	90	87											
3	AL-1	93	90	87	90	90											
4	AL-2	93	90	90	87	90											
5	AL-3	92	87	90	87	90											
6																	
7																	
8																	
9																	
10																	

Sound Level Meter: Make - HTC

S/N - SL1350

Authorised Person
Mitra SK Pvt. Ltd.

Approved by
Mr. Uttam Proddhan
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/2024-25/02290			
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602		Report Date : 10.01.2025			
		Sample Description : Ambient Air			
		Sample Number : MSKGL/ED/2024-25/01/00261			
		Sampling Location : GCS HEBEDA GAON			
Instrument ID : RDS 01-DTK-2017/ FPS 1126A22		GPS Reading : N 27°51'38", E 95°42'53"			
Ref. No.:W.O. NO.- 8129283 of Contract No. 6119277					
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date		
26.12.2024	29.12.2024	29.12.2024	06.01.2025		
Enviromental Conditions During Sampling & Transport Condition :Temperature : 22°C, Rain fall : NO					
Analysis Result					
Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1.	Particulate Matter (PM ₁₀)	IS : 5182 (Part-23)-2006	(µg/m ³)	64.5	100
2.	Particulate Matter (PM _{2.5})	IS : 5182 (Part-24)	(µg/m ³)	32.1	60
3.	Sulphur Dioxide (SO ₂)	IS : 5182 (Part-2)-2001	(µg/m ³)	7.6	80
4.	Nitrogen Dioxide (NO ₂)	IS : 5182 (Part-6)-2006	(µg/m ³)	21.7	80
5.	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m ³)	0.62	2
6.	Ozone (O ₃)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m ³)	<20.0	180
7.	Ammonia (NH ₃)	IS 5182 (Part 25) : 2018	(µg/m ³)	<10.0	400
8.	Lead (Pb)	USEPA IO-3.4	(µg/m ³)	<0.01	1
9.	Nickel (Ni)	USEPA IO-3.4	(ng/m ³)	<5.0	20
10.	Arsenic (As)	USEPA IO-3.4	(ng/m ³)	<1.0	6
11.	Benzene (C ₆ H ₆)	IS 5182 : (Part 11) :2006	(µg/m ³)	<4.2	5
12.	Benzo(a)Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m ³)	<0.5	1
13.	Mercury (Hg)	USEPA IO-5.0	(µg/m ³)	<0.002	---
14.	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	1.95	---
15.	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	---
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.95	---
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m ³)	<4.2	---
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

Analyzed By:



Signature :
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:



Signature :
 Name : Hiramoni Rajbongshi
 Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited

Signature :
 Name : Mr. Ravi Sankar Roy
 Designation : Branch Manager

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

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




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

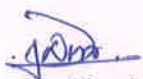
Ambient Air Quality Monitoring Report

Name & Address of the Customer :		Report No. : MSK/2024-25/02466			
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602		Report Date : 09.02.2025			
		Sample Description : Ambient Air			
		Sample Number : MSKGL/ED/2024-25/01/02156			
		Sampling Location : GCS HEBEDA GAON			
Ref. No.: W.O. NO.- 8129283 of Contract No. 6119277		Instrument ID : RDS 221-DTJ-2016/ FPS 1120A22			
GPS Reading : N 27°51'38", E 95°42'53"					
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date		
31.01.2025	03.02.2025	03.02.2025	09.02.2025		
Environmental Conditions During Sampling & Transport Condition : Temperature : 21°C, Rain fall : NO					
Analysis Result					
Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1.	Particulate Matter (PM ₁₀)	IS : 5182 (Part-23)-2006	(µg/m ³)	68.1	100
2.	Particulate Matter (PM _{2.5})	IS : 5182 (Part-24)	(µg/m ³)	31.9	60
3.	Sulphur Dioxide (SO ₂)	IS : 5182 (Part-2)-2001	(µg/m ³)	6.8	80
4.	Nitrogen Dioxide (NO ₂)	IS : 5182 (Part-6)-2006	(µg/m ³)	23.5	80
5.	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m ³)	0.76	2
6.	Ozone (O ₃)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m ³)	23.8	180
7.	Ammonia (NH ₃)	IS 5182 (Part 25) : 2018	(µg/m ³)	11.9	400
8.	Lead (Pb)	USEPA IO-3.4	(µg/m ³)	<0.01	1
9.	Nickel (Ni)	USEPA IO-3.4	(ng/m ³)	<5.0	20
10.	Arsenic (As)	USEPA IO-3.4	(ng/m ³)	<1.0	6
11.	Benzene (C ₆ H ₆)	IS 5182 : (Part 11) :2006	(µg/m ³)	<4.2	5
12.	Benzo(a)Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m ³)	<0.5	1
13.	Mercury (Hg)	USEPA IO-5.0	(µg/m ³)	<0.002	...
14.	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	2.19	...
15.	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	...
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	2.19	...
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m ³)	<4.2	...
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

Analyzed By:

Signature : 
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:

Signature : 
 Name : Mr. Dipankar Das
 Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited

Signature : 
 Name : Mr. Ravi Sankar Roy
 Designation : Branch Manager

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Head Office: Shraichi 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 Prodhon

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, SO ₂ , NO _x , CO, HC (Methane & Non-methane), VOCs (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Complied Compliance status including monitored data is regularly uploaded in company's website and sent to concerned government authorities. Monitored data is also enclosed herewith.
x	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the PCB, Assam. The Regional Office of this Ministry / CPCB / MPPCB shall monitor the stipulated conditions.	Complied Monitored data enclosed.
xi	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.	Complied
xii	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the PCB, Assam and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the	Complied. Copy of newspaper advertisement forwarded with our Compliance Status Report submitted in April, 2014.

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

B. Specific Condition		
Sl No.	EC Condition	Compliance status/ Remark
i	Prior clearance under the Wildlife (Protection) Act, 1972, should be obtained from the Standing Committee of the National Board for Wildlife as the project is located within 10 Km distance of Eco sensitive areas (Dehing Patkai WLS, Bherjan-Borajan-Podumoni WLS and Dibru-Saikhowa National Park).	NBWL clearance received vide letter No. WL/FG-35/Standing Committee NBWL dated 09.10.2014 & copy enclosed.
ii	No facility shall be developed in forest land.	Complied
iii	Adequate buffer zone around the oil and gas facilities, as may be required as per OISD or other statutory requirements.	Complied
iv	The flare system shall be designed as per good oil field practices and Oil Industry Safety Directorate (OISD) guidelines. The company shall take necessary measures to prevent fire hazards and soil remediation as needed. At the place of ground flaring, the flare pit shall be lined with refractory bricks and efficient burning system. In case of overhead flare stacks, the stack height shall be provided as per the regulatory requirements and emissions from stacks shall meet the MOEF/CPCB guidelines.	Complied
v	Regular ambient air quality monitoring of PM10, 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 up-wind & in down-wind direction along with those in other directions.	Complied. Latest Report of Ambient Air Quality along with VOC and HC Monitoring is enclosed.

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

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

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

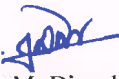
Ambient Air Quality Monitoring Report

Name & Address of the Customer :		Report No. : MSK/2024-25/02812			
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602		Report Date : 29.03.2025			
		Sample Description : Ambient Air			
		Sample Number : MSKGL/ED/2024-25/03/01710			
		Sampling Location : FGGS CHABUA			
Ref. No.: W.O. NO.- 8129283 of Contract No. 6119277		Instrument ID : RDS 1940-DTB-2011/ FPS 91-DTL-2021			
GPS Reading : N 27°51'38", E 95°42'53"					
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date		
18.03.2025	21.03.2025	21.03.2025	28.03.2025		
Environmental Conditions During Sampling & Transport Condition : Temperature : 23°C, Rain fall : NO					
Analysis Result					
Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1.	Particulate Matter (PM ₁₀)	IS : 5182 (Part-23)-2006	(µg/m ³)	69.6	100
2.	Particulate Matter (PM _{2.5})	IS : 5182 (Part-24)	(µg/m ³)	39.1	60
3.	Sulphur Dioxide (SO ₂)	IS : 5182 (Part-2)-2001	(µg/m ³)	8.0	80
4.	Nitrogen Dioxide (NO ₂)	IS : 5182 (Part-6)-2006	(µg/m ³)	21.5	80
5.	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m ³)	0.70	2
6.	Ozone (O ₃)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m ³)	23.1	180
7.	Ammonia (NH ₃)	IS 5182 (Part 25) : 2018	(µg/m ³)	11.5	400
8.	Lead (Pb)	USEPA IO-3.4	(µg/m ³)	<0.01	1
9.	Nickel (Ni)	USEPA IO-3.4	(ng/m ³)	<5.0	20
10.	Arsenic (As)	USEPA IO-3.4	(ng/m ³)	<1.0	6
11.	Benzene (C ₆ H ₆)	IS 5182 : (Part 11) :2006	(µg/m ³)	<4.2	5
12.	Benzo(a)Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m ³)	<0.5	1
13.	Mercury (Hg)	USEPA IO-5.0	(µg/m ³)	<0.002	...
14.	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	1.93	...
15.	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	...
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.93	...
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m ³)	<4.2	...
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

Analyzed By:

Signature : 
 Name : Mr. Dipankar Mazumdar
 Designation : Technical Manager

Prepared By:

Signature : 
 Name : Mr. Dipankar Das
 Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited

Signature : 
 Name : Mr. Ravi Sankar Roy
 Designation : Branch Manager

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


Ambient Air Quality Monitoring Report

Name & Address of the Customer :		Report No. : MSK/2024-25/02656			
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602		Report Date : 09.03.2025			
		Sample Description : Ambient Air			
		Sample Number : MSKGL/ED/2024-25/02/01430			
		Sampling Location : FGGS CHABUA			
Ref. No.: W.O. NO.- 8129283 of Contract No. 6119277		Instrument ID : RDS 1940-DTB-2011/ FPS 91-DTL-2021			
Date of Sampling	Sample Received Date	Analysis Start Date		Analysis Complete Date	
21.02.2025	24.02.2025	24.02.2025		03.03.2025	
Enviromental Conditions During Sampling & Transport Condition : Temperature : 26°C, Rain fall : NO					
Analysis Result					
Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1.	Particulate Matter (PM ₁₀)	IS : 5182 (Part-23)-2006	(µg/m ³)	64.7	100
2.	Particulate Matter (PM _{2.5})	IS : 5182 (Part-24)	(µg/m ³)	35.7	60
3.	Sulphur Dioxide (SO ₂)	IS : 5182 (Part-2)-2001	(µg/m ³)	6.8	80
4.	Nitrogen Dioxide (NO ₂)	IS : 5182 (Part-6)-2006	(µg/m ³)	21.5	80
5.	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m ³)	0.58	2
6.	Ozone (O ₃)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m ³)	<20.0	180
7.	Ammonia (NH ₃)	IS 5182 (Part 25) : 2018	(µg/m ³)	<10.0	400
8.	Lead (Pb)	USEPA IO-3.4	(µg/m ³)	<0.01	1
9.	Nickel (Ni)	USEPA IO-3.4	(ng/m ³)	<5.0	20
10.	Arsenic (As)	USEPA IO-3.4	(ng/m ³)	<1.0	6
11.	Benzene (C ₆ H ₆)	IS 5182 : (Part 11) :2006	(µg/m ³)	<4.2	5
12.	Benzo(a)Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m ³)	<0.5	1
13.	Mercury (Hg)	USEPA IO-5.0	(µg/m ³)	<0.002	...
14.	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	1.93	...
15.	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	...
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.93	...
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m ³)	<4.2	...
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

Analyzed By:

Signature : 
 Name : Mr. Dipankar Mazumdar
 Designation : Technical Manager

Prepared By:

Signature : 
 Name : Mr. Dipankar Das
 Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited

Signature : 
 Name : Mr. Ravi Sankar Roy
 Designation : Branch Manager

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




Approved by
 Uttam Prodhan

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

Ambient Air Quality Monitoring Report

Name & Address of the Customer :		Report No. : MSK/2024-25/02402			
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602		Report Date : 29.01.2025			
		Sample Description : Ambient Air			
		Sample Number : MSKGL/ED/2024-25/01/01845			
		Sampling Location : FGGS CHABUA			
Ref. No.:W.O. NO.- 8129283 of Contract No. 6119277		Instrument ID : RDS 1317-DTK-2008/ FPS92-DTL-2021			
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date		
20.01.2025	23.01.2025	23.01.2025	29.01.2025		
Enviromental Conditions During Sampling & Transport Condition :Temperature : 24°C, Rain fall : NO					
<u>Analysis Result</u>					
Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1.	Particulate Matter (PM ₁₀)	IS : 5182 (Part-23)-2006	(µg/m ³)	70.4	100
2.	Particulate Matter (PM _{2.5})	IS : 5182 (Part-24)	(µg/m ³)	38.2	60
3.	Sulphur Dioxide (SO ₂)	IS : 5182 (Part-2)-2001	(µg/m ³)	7.2	80
4.	Nitrogen Dioxide (NO ₂)	IS : 5182 (Part-6)-2006	(µg/m ³)	21.9	80
5.	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m ³)	0.74	2
6.	Ozone (O ₃)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m ³)	23.1	180
7.	Ammonia (NH ₃)	IS 5182 (Part 25) : 2018	(µg/m ³)	11.5	400
8.	Lead (Pb)	USEPA IO-3.4	(µg/m ³)	<0.01	1
9.	Nickel (Ni)	USEPA IO-3.4	(ng/m ³)	<5.0	20
10.	Arsenic (As)	USEPA IO-3.4	(ng/m ³)	<1.0	6
11.	Benzene (C ₆ H ₆)	IS 5182 : (Part 11) :2006	(µg/m ³)	<4.2	5
12.	Benzo(a)Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m ³)	<0.5	1
13.	Mercury (Hg)	USEPA IO-5.0	(µg/m ³)	<0.002	...
14.	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	1.90	...
15.	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	...
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.90	...
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m ³)	<4.2	...
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

Analyzed By:

Signature : 
 Name : Mr. Bhaskarjyoti Dutta
 Designation. : Chemist

Prepared By:

Signature :
 Name : Mr. Dipankar Das
 Designation. : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited

Signature :
 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



Approved by
 Uttam Prodhon

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

Ambient Air Quality Monitoring Report

Name & Address of the Customer :		Report No. : MSK/2024-25/02228A39			
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602		Report Date : 29.12.2024			
		Sample Description : Ambient Air			
		Sample Number : MSKGL/ED/2024-25/12/02066			
		Sampling Location : FGGS CHABUA			
Ref. No.: W.O. NO.- 8129283 of Contract No. 6119277		Instrument ID : RDS 1940-DTB-2011/ FPS 91-DTL-2021			
Date of Sampling		Sample Received Date		Analysis Start Date	
18.12.2024		21.12.2024		21.12.2024	
				Analysis Complete Date	
				29.12.2024	
Enviromental Conditions During Sampling & Transport Condition : Temperature : 21°C, Rain fall : NO					
Analysis Result					
Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1.	Particulate Matter (PM ₁₀)	IS : 5182 (Part-23)-2006	(µg/m ³)	68.2	100
2.	Particulate Matter (PM _{2.5})	IS : 5182 (Part-24)	(µg/m ³)	42.5	60
3.	Sulphur Dioxide (SO ₂)	IS : 5182 (Part-2)-2001	(µg/m ³)	7.3	80
4.	Nitrogen Dioxide (NO ₂)	IS : 5182 (Part-6)-2006	(µg/m ³)	21.5	80
5.	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m ³)	0.62	2
6.	Ozone (O ₃)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m ³)	<20.0	180
7.	Ammonia (NH ₃)	IS 5182 (Part 25) : 2018	(µg/m ³)	<10.0	400
8.	Lead (Pb)	USEPA IO-3.4	(µg/m ³)	<0.01	1
9.	Nickel (Ni)	USEPA IO-3.4	(ng/m ³)	<5.0	20
10.	Arsenic (As)	USEPA IO-3.4	(ng/m ³)	<1.0	6
11.	Benzene (C ₆ H ₆)	IS 5182 : (Part 11) :2006	(µg/m ³)	<4.2	5
12.	Benzo(a)Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m ³)	<0.5	1
13.	Mercury (Hg)	USEPA IO-5.0	(µg/m ³)	<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	...
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m ³)	<4.2	...
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

Analyzed By:



Signature :
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:



Signature :
 Name : Hiramoni Rajbongshi
 Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited

Signature :
 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




Approved by
 Uttam Prodhan

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

Ambient Air Quality Monitoring Report

Name & Address of the Customer :		Report No. : MSK/2024-25/01837			
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602		Report Date : 02.12.2024			
		Sample Description : Ambient Air			
		Sample Number : MSKGL/ED/2024-25/11/01213			
		Sampling Location : FGGS CHABUA			
		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	Analysis Start Date	Analysis Complete Date		
20.11.2024	23.11.2024	23.11.2024	30.11.2024		
Enviromental Conditions During Sampling & Transport Condition :Temperature : 29°C, Rain fall : NO					
Analysis Result					
Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1.	Particulate Matter (PM ₁₀)	IS : 5182 (Part-23)-2006	(µg/m ³)	63.9	100
2.	Particulate Matter (PM _{2.5})	IS : 5182 (Part-24)	(µg/m ³)	34.8	60
3.	Sulphur Dioxide (SO ₂)	IS : 5182 (Part-2)-2001	(µg/m ³)	7.0	80
4.	Nitrogen Dioxide (NO ₂)	IS : 5182 (Part-6)-2006	(µg/m ³)	18.5	80
5.	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m ³)	0.64	2
6.	Ozone (O ₃)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m ³)	<20.0	180
7.	Ammonia (NH ₃)	IS 5182 (Part 25) : 2018	(µg/m ³)	<10.0	400
8.	Lead (Pb)	USEPA IO-3.4	(µg/m ³)	<0.01	1
9.	Nickel (Ni)	USEPA IO-3.4	(ng/m ³)	<5.0	20
10.	Arsenic (As)	USEPA IO-3.4	(ng/m ³)	<1.0	6
11.	Benzene (C ₆ H ₆)	IS 5182 : (Part 11) :2006	(µg/m ³)	<4.2	5
12.	Benzo(a)Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m ³)	<0.5	1
13.	Mercury (Hg)	USEPA IO-5.0	(µg/m ³)	<0.002	...
14.	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	1.90	...
15.	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	...
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.90	...
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m ³)	<4.2	...
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

Analyzed By:

Signature : 
 Name : Mr. Bhaskarjyoti Dutta
 Designation. : Chemist

Prepared By:

Signature : 
 Name : Hiramoni Rajbongshi
 Designation. : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited

Signature : 
 Name : Mr. Ravi Sankar Roy
 Designation : Branch Manager

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Head Office: Shrirachi Centre (5th floor), 74B, A.J.C. Bose Road, Kolkata - 700 016. West Bengal, India.

Tel. : 91 33 40143000 / 22650006 / 22650007 Fax : 91 33 22650006

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



Approved by
Uttam Prodhan

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

Ambient Air Quality Monitoring Report

Name & Address of the Customer :		Report No. : MSK/2024-25/01659			
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602		Report Date : 30.10.2024			
		Sample Description : Ambient Air			
		Sample Number : MSKGL/ED/2024-25/10/01516			
		Sampling Location : FGGS CHABUA			
Ref. No.:W.O. NO.- 8129283 of Contract No. 6119277		Instrument ID : RDS 1940-DTB-2011/ FPS 91-DTL-2021			
GPS Reading : N 27°51'38", E 95°42'53"					
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date		
15.10.2024	18.10.2024	18.10.2024	25.10.2024		
Enviromental Conditions During Sampling & Transport Condition : Temperature : 29°C, Rain fall : NO					
Analysis Result					
Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1.	Particulate Matter (PM ₁₀)	IS : 5182 (Part-23)-2006	(µg/m ³)	66.3	100
2.	Particulate Matter (PM _{2.5})	IS : 5182 (Part-24)	(µg/m ³)	32.2	60
3.	Sulphur Dioxide (SO ₂)	IS : 5182 (Part-2)-2001	(µg/m ³)	6.9	80
4.	Nitrogen Dioxide (NO ₂)	IS : 5182 (Part-6)-2006	(µg/m ³)	21.3	80
5.	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m ³)	0.70	2
6.	Ozone (O ₃)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m ³)	20.7	180
7.	Ammonia (NH ₃)	IS 5182 (Part 25) : 2018	(µg/m ³)	10.3	400
8.	Lead (Pb)	USEPA IO-3.4	(µg/m ³)	<0.01	1
9.	Nickel (Ni)	USEPA IO-3.4	(ng/m ³)	<5.0	20
10.	Arsenic (As)	USEPA IO-3.4	(ng/m ³)	<1.0	6
11.	Benzene (C ₆ H ₆)	IS 5182 : (Part 11) :2006	(µg/m ³)	<4.2	5
12.	Benzo(a)Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m ³)	<0.5	1
13.	Mercury (Hg)	USEPA IO-5.0	(µg/m ³)	<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	...
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m ³)	<4.2	...
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

Analyzed By:



Signature :
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:



Signature :
 Name : Hiramoni Rajbongshi
 Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited



Signature :
 Name : Mr. Ravi Sankar Roy
 Designation : Branch Manager

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

STACK GAS MONITORING REPORT

Name & Address of the Customer		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
		Sample Number	: MSKGL/ED/2024-25/02/01539
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO.- 8129283 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 RESULT

A.	<u>General information about stack :</u>			
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	:	618 KVA	
B.	<u>Physical characteristics of stack :</u>			
1.	Height of the stack from ground level	:	7.62 m	
2.	Diameter of the stack at sampling point	:	0.0762 m	
3.	Area of Stack	:	0.00145 m2	
C.	<u>Analysis/Characteristic of stack:</u>			
	1. Fuel used : NG			
D.	<u>Result of sampling & analysis of gaseous emission</u>	<u>Result</u>	<u>Limit as per CPCB</u>	<u>Method</u>
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)	72	...	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)	0.326	≤ 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)	25.3	...	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr)	0.481	≤ 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)	0.142	≤ 0.3	USEPA Part-17, 16/08/1996
12.	Smoke Limit (Light Absorption Coefficient, m-1)	0.028K	≤ 0.7	AS PER CPCB
E.	<u>Pollution control device:</u>			
	Details of pollution control devices attached with the stack : Nil			
				<u>Remarks:</u> Nil

Analyzed By:

Signature :

Name : Mr. Dipankar Mazumdar

Designation : Technical Manager

Prepared By:

Signature :

Name : Mr. Dipankar Das

Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited

Signature :

Name : Mr. Ravi Shankar Roy

Designation : Branch Manager

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Tel : 91 33 40143000 / 22650006 / 22650007 Fax : 91 33 22650008

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Approved by

Uttam Prodhan

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


STACK GAS MONITORING REPORT

Name & Address of the Customer		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
		Sample Number	: MSKGL/ED/2024-25/02/01540
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO.- 8129283 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

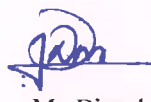
ANALYSIS RESULT

A.	<u>General information about stack :</u>		:
1.	Stack connected to	: DRENCHING PUMP-1 (ENGINE TYPE-6SL1500TA SL NO -2572/1200009)	
2.	Emission due to	: HSD	
3.	Material of construction of Stack	: MS	
4.	Shape of Stack	: Circular	
5.	Whether stack is provided with permanent platform & ladder	: Yes	
6.	DG capacity	: 255 HP	
B.	<u>Physical characteristics of stack :</u>		
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.	<u>Analysis/Characteristic of stack:</u>		
	1. Fuel used : HSD		
D.	<u>Result of sampling & analysis of gaseous emission</u>	<u>Result</u>	<u>Limit as per CPCB</u>
1.	Temperature of emission (°C)	142	...
2.	Barometric Pressure (mm of Hg)	762.0	...
3.	Velocity of gas (m/sec.)	18.24	...
4.	Quantity of Gas Flow (Nm3/hr)	380	...
5.	Concentration of Oxygen (%v/v)	13.4	...
6.	Concentration of Carbon Monoxide (g/kW-hr)	0.171	≤ 3.5
7.	Concentration of Carbon Dioxide (%v/v)	6.0	...
8.	Concentration of Sulphur Dioxide (mg/Nm3)	23.5	...
9.	Concentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr)	0.265	≤ 4.7
10.	Concentration of Lead (mg/Nm3)	<0.005	...
11.	Concentration of Particulate matter (g/kW-hr)	0.102	≤ 0.3
12.	Smoke Limit (Light Absorption Coefficient, m-1)	0.079K	≤ 0.7
E.	<u>Pollution control device:</u>		
	Details of pollution control devices attached with the stack : Nil		
	<u>Remarks:</u> Nil		

Analyzed By:


Signature : 
 Name : Mr. Dipankar Mazumdar
 Designation : Technical Manager

Prepared By:

Signature : 
 Name : Mr. Dipankar Das
 Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited

Signature : 
 Name : Mr. Ravi Shankar Roy
 Designation : Branch Manager

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Tel. : 91 33 40143000 / 22650006 / 22650007 Fax : 91 33 22650008

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



Approved by
 Uttam Prodhan

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

STACK GAS MONITORING REPORT

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
		Sample Number	: MSKGL/ED/2024-25/02/01541
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO.- 8129283 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 RESULT

A.	<u>General information about stack :</u>			
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		
B.	<u>Physical characteristics of stack :</u>			
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.	<u>Analysis/Characteristic of stack:</u>			
	1. Fuel used : HSD			
D.	<u>Result of sampling & analysis of gaseous emission</u>	<u>Result</u>	<u>Limit as per CPCB</u>	<u>Method</u>
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.	<u>Pollution control device:</u>			
	Details of pollution control devices attached with the stack : Nil			
	<u>Remarks:</u> Nil			

Analyzed By:

Signature :

Name : Mr. Dipankar Mazumdar

Designation. : Technical Manager

Prepared By:

Signature :

Name : Mr. Dipankar Das

Designation. : Office Assistant

Authorized Signatory:

For Mitra S.K. Private Limited

Signature :

Name : Mr. Ravi Shankar Roy

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, 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


Approved by
 Uttam Prodhan

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

STACK GAS MONITORING REPORT

Name & Address of the Customer		Report No.	: MSK/2024-25/02646
"M/s OIL INDIA LIMITED" Duliajan, Dibrugarh, Assam-786602		Report Date	: 05.03.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: FGGS CHABUA
		Sample Number	: MSKGL/ED/2024-25/02/01542
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO.- 8129283 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 RESULT

A.	<u>General information about stack :</u>		:
1.	Stack connected to	:	GENSET (SL NO 05051957)
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	:	125 KVA
B.	<u>Physical characteristics of stack :</u>		
1.	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.	<u>Analysis/Characteristic of stack:</u>		
	1. Fuel used : NG		
D.	<u>Result of sampling & analysis of gaseous emission</u>	<u>Result</u>	<u>Limit as per CPCB</u>
			<u>Method</u>
1.	Temperature of emission (°C)	121	...
2.	Barometric Pressure (mm of Hg)	762.0	...
3.	Velocity of gas (m/sec.)	17.75	...
4.	Quantity of Gas Flow (Nm3/hr)	389	...
5.	Concentration of Oxygen (%v/v)	13.6	...
6.	Concentration of Carbon Monoxide (g/kW-hr)	0.125	≤ 3.5
7.	Concentration of Carbon Dioxide (%v/v)	5.4	...
8.	Concentration of Sulphur Dioxide (mg/Nm3)	19.6	...
9.	Concentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr)	0.221	≤ 4.7
10.	Concentration of Lead (mg/Nm3)	<0.005	...
11.	Concentration of Particulate matter (g/kW-hr)	0.072	≤ 0.3
12.	Smoke Limit (Light Absorption Coefficient, m-1)	0.041K	≤ 0.7
E.	<u>Pollution control device:</u>		<u>Remarks:</u> Nil
	Details of pollution control devices attached with the stack : Nil		

Analyzed By:

Signature :

Name : Mr. Dipankar Mazumdar

Designation. : Technical Manager

Prepared By:

Signature :

Name : Mr. Dipankar Das

Designation. : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited

Signature :

Name : Mr. Ravi Shankar Roy

Designation : Branch Manager

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Head Office: Shraachi Centre (5th floor), 74B, A.J.C. Base 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 : F44S Chabua

(Production Installation – FGGS / HSU)

Date : 18.12.2024 Time : 09.00 AM

Sl. No.	Noise Level Measurement at		Measurement In dB(A)	Threshold limit value for Noise as per OISD-166		Recommendation
1	Control Room / Operator Room	Door Open	59	Duration per day(hours)	Sound Level (dBA)	
		Door Closed	59			
2	Middle of Process Area		65			
3	At the Entrance		47			
4	Security Hut		47			
5	Meter Shed		64			
6	Tank Area					
7	Air Compressor		79			
				8	90	
				6	92	
				4	95	
				3	97	
				2	100	
				1 - ½	102	
				1	105	
				½	110	
				¼ or less	115	

Sl. No.	Noise Level Measurement at	Noise level at source In dB(A)	At a distance from the shed												Near boundary of the Installation In dB(A)	Remarks
							In dB(A)									
			5 mtrs				10 mtrs				15 mtrs					
			North	South	East	West	North	South	East	West	North	South	East	West		
1	CODP															
2	Indirect Heater	78	70	71	70	70									East - 56	
3	Drenching pump	94	84	85	84	84	73	74	73	72					West - 54	
4	FWDP														North - 50	
5	Power House	85	79	78	79	79									South - 52	
6	Chemical Dosing Pump															
7	SCADA Room															
8	Water Pump House															

Sound Level Meter : Make - HTC

S/N - SC1350

Authorised Person
Mitra SK Pvt. Ltd.

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

Authorised Person
Oil India Ltd, Dullajan

Authorised Person
(CIR Ringo)
SAPL

STATUS OF COMPLIANCE OF EC CONDITIONS

Installation: Central Gas Gathering Station and Offtake Point (CGGS & OTP), Madhuban

Feeder Pipelines: 03 Nos (between CGGS & LPG OTP)

Period: 01/10/2024-31/03/2025

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

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

	prevent fire hazards and soil remediation as needed. At the place of ground flaring, the flare pit shall be lined with refractory bricks and efficient burning system. In case of overhead flare stacks, the stack height shall be provided as per the regulatory requirements and emissions from stacks shall meet the MOEF/CPCB guidelines.	Point (CGGS & OTP)- Madhuban	
		Feeder Pipelines – 03 Nos.	Not Applicable
v	Regular ambient air quality monitoring of PM ₁₀ , SO ₂ , NO _x , 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 up-wind & in down-wind direction along with those in other directions.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Complied. Latest Report of Ambient Air Quality along with VOC and HC Monitoring is enclosed. Ambient Air Quality Monitoring System (with Outdoor Display Board) for the CGGS, Madhuban installed and commissioned on 05.09.2023 .
		Feeder Pipelines – 03 Nos.	Not Applicable
vi	Regular monitoring of VOC and HC in the work zone area in the plant premises shall be carried and data be submitted to Ministry's Regional Office at Shillong, CPCB and Assam Pollution Control Board.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Complied. Latest Report of Ambient Air Quality along with VOC and HC Monitoring is enclosed. Online Fire & Gas Detection System is also installed in this station.
		Feeder Pipelines – 03 Nos.	Not Applicable
vii	Vapor recovery system shall be installed to prevent leakage of vapor from tank/ vessels / processing and filling areas to ensure no hydrocarbon vapors are released unchecked.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)- Madhuban	Not Applicable. Considering small capacity tanks (2 nos. of 500 m ³ and 1 no. of 250 m ³) and used as intermediate storage of NGL with half of the designed capacity, chances of leakage of vapour was not seen and Recovery System was not planned.

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

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

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

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

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

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

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

	monitored data along with statistical interpretation shall be submitted to them regularly.	Feeder Pipelines – 03 Nos.	Complied
viii	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad /Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied
		Feeder Pipelines – 03 Nos.	Complied
ix	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF, the respective Zonal Office of CPCB and the PCB, Assam. The criteria pollutant levels namely; PM ₁₀ , SO ₂ , NO _x , CO, HC (Methane & Non-methane), 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.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied. Compliance status including monitored data is regularly sent to concerned government authorities. Monitored data is also enclosed herewith. Ambient Air Quality Monitoring System (with Outdoor Display Board) for the CGGS, Madhuban installed and commissioned on 05.09.2023 .
		Feeder Pipelines – 03 Nos.	Complied.
x	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the PCB, Assam. The Regional Office of this Ministry / CPCB / MPPCB shall monitor the stipulated conditions.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied. Monitored data enclosed.
		Feeder Pipelines – 03 Nos.	Complied.
xi	The environmental statement for each financial year ending 31st March, in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied.

	as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.	Feeder Pipelines – 03 Nos.	Complied.
xii	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the PCB, Assam and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied. Copy of newspaper advertisement forwarded with our Compliance Status Report submitted in April, 2014.
		Feeder Pipelines – 03 Nos.	Complied.
xiii	Project authorities shall inform the Regional office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work. Same shall be forwarded to the Regional office.	Central Gas Gathering Station and Offtake Point (CGGS & OTP)-Madhuban	Complied. Copy of newspaper advertisement forwarded with our Compliance Status Report submitted in April, 2014.
		Feeder Pipelines – 03 Nos.	Complied.

(Sumitra Goswami)
CGM-GMS

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

Ambient Air Quality Monitoring Report

Name & Address of the Customer :		Report No. : MSK/2024-25/02313			
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602		Report Date : 10.01.2025			
		Sample Description : Ambient Air			
		Sample Number : MSKGL/ED/2024-25/01/00284			
		Sampling Location : CGGS MADHUBAN GENERATOR ROOM			
Ref. No.: W.O. NO.- 8129283 of Contract No. 6119277		Instrument ID : RDS 221-DTJ-2016/ FPS 1120A22			
GPS Reading : N 27°51'38", E 95°42'53"					
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date		
31.12.2024	02.01.2025	02.01.2025	10.01.2025		
Environmental Conditions During Sampling & Transport Condition : Temperature : 26°C, Rain fall : NO					
Analysis Result					
Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1.	Particulate Matter (PM ₁₀)	IS : 5182 (Part-23)-2006	(µg/m ³)	74.5	100
2.	Particulate Matter (PM _{2.5})	IS : 5182 (Part-24)	(µg/m ³)	39.5	60
3.	Sulphur Dioxide (SO ₂)	IS : 5182 (Part-2)-2001	(µg/m ³)	7.3	80
4.	Nitrogen Dioxide (NO ₂)	IS : 5182 (Part-6)-2006	(µg/m ³)	21.4	80
5.	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m ³)	0.70	2
6.	Ozone (O ₃)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m ³)	23.9	180
7.	Ammonia (NH ₃)	IS 5182 (Part 25) : 2018	(µg/m ³)	12.0	400
8.	Lead (Pb)	USEPA IO-3.4	(µg/m ³)	<0.01	1
9.	Nickel (Ni)	USEPA IO-3.4	(ng/m ³)	<5.0	20
10.	Arsenic (As)	USEPA IO-3.4	(ng/m ³)	<1.0	6
11.	Benzene (C ₆ H ₆)	IS 5182 : (Part 11) :2006	(µg/m ³)	<4.2	5
12.	Benzo(a)Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m ³)	<0.5	1
13.	Mercury (Hg)	USEPA IO-5.0	(µg/m ³)	<0.002	---
14.	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	1.94	---
15.	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	---
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.94	---
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m ³)	<4.2	---
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

Analyzed By:



Signature :
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:



Signature :
 Name : Hiramoni Rajbongshi
 Designation : Office Assistant

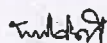
Authorized Signatory

For Mitra S.K. Private Limited

Signature :
 Name : Mr. Ravi Sanjay Roy
 Designation : Branch Manager

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- Our Lab is Approved by NABL & MOEF, Lab Address : P-48 Udayan Industrial Estate, 3 Pagladanga Road Kol-700015

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



Approved by
 Uttam Prodhan

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

STACK GAS MONITORING REPORT

Name & Address of the Customer		Report No.	: MSK/2024-25/02258
"M/s OIL INDIA LIMITED" Duliajan, Dibrugarh, Assam-786602		Report Date	: 10.01.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: CGGS MADHUBAN
		Sample Number	: MSKGL/ED/2024-25/01/00344
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO.- 8129283 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 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	:	906 KVA
B.	Physical characteristics of stack :		
1.	Height of the stack from ground level	:	12.192 m
2.	Diameter of the stack at sampling point	:	0.1016 m
3.	Area of Stack	:	0.00810 m2
C.	Analysis/Characteristic of stack:		
	1. Fuel used : NG		
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	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, 16/08/1996
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:		Remarks: Nil
	Details of pollution control devices attached with the stack : Nil		

Analyzed By :



Signature :
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By :



Signature :
 Name : Hiramoni Rajbongshi
 Designation : Office Assistant

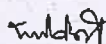
Authorized Signatory

Mitra S.K. Private Limited

Signature :
 Name : Mr. Ravi Shankar Roy
 Designation : Branch Manager

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Approved by
 Uttam Prodhan

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

STACK GAS MONITORING REPORT

Name & Address of the Customer		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
		Sample Mark	: CGGS MADHUBAN
		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	Date of Sampling	Date of Sampling
31.12.2024	03.01.2025	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
4.	Shape of Stack	:	Circular
5.	Whether stack is provided with permanent platform & ladder	:	Yes
6.	DG capacity	:	200 KVA
B.	Physical characteristics of stack :		
1.	Height of the stack from ground level	:	4.572 m
2.	Diameter of the stack at sampling point	:	0.203 m
3.	Area of Stack	:	0.00050 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.)	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	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	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	USEPA Part-17, 16/08/1996
12.	Smoke Limit (Light Absorption Coefficient, m-1)	0.031K	AS PER CPCB
E.	Pollution control device:		Remarks: Nil
	Details of pollution control devices attached with the stack : Nil		

Analyzed By:



Signature :
Name : Mr. Bhaskarjyoti Dutta
Designation : Chemist

Prepared By:



Signature :
Name : Hiramoni Rajbongshi
Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited



Signature :
Name : Mr. Ravi Shankar Roy
Designation : Branch Manager

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Approved by
Uttam Prodhan

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

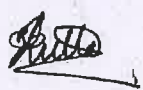
STACK GAS MONITORING REPORT

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

A.	<u>General information about stack :</u>		:
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	:	255 HP
B.	<u>Physical characteristics of stack :</u>		
1.	Height of the stack from ground level	:	3.0480 m
2.	Diameter of the stack at sampling point	:	0.1016 m
3.	Area of Stack	:	0.00810 m2
C.	<u>Analysis/Characteristic of stack:</u>		
	1. Fuel used : HSD		
D.	<u>Result of sampling & analysis of gaseous emission</u>	<u>Result</u>	<u>Limit as per CPCB</u>
1.	Temperature of emission (°C)	125	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.)	18.29	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm3/hr)	397	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)	0.224	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)	23.8	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr)	0.304	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)	0.096	USEPA Part-17, 16/08/1996
12.	Smoke Limit (Light Absorption Coefficient, m-1)	0.088K	AS PER CPCB
E.	<u>Pollution control device:</u>		<u>Remarks:</u> Nil
	Details of pollution control devices attached with the stack : Nil		

Analyzed By:

Signature : 
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:

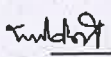
Signature : 
 Name : Hiramoni Rajbongshi
 Designation : Office Assistant

 Authorized Signatory
 For Mitra S.K. Private Limited

Signature : 
 Name : Mr. Ravi Shankar Roy
 Designation : Branch Manager

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Approved by
 Uttam Prodhan

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

STACK GAS MONITORING REPORT

Name & Address of the Customer		Report No.	: MSK/2024-25/02261
"M/s OIL INDIA LIMITED" Duliajan, Dibrugarh, Assam-786602		Report Date	: 10.01.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: CGGS MADHUBAN
		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	Date of Sampling	Date of Sampling	Date of Sampling
31.12.2024	03.01.2025	03.01.2025	10.01.2025

ANALYSIS RESULT

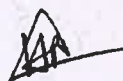
A.	<u>General information about stack :</u>		:
1.	Stack connected to	:	DRENCHING PUMP-2
2.	Emission due to	:	HSD
3.	Material of construction of Stack	:	MS
4.	Shape of Stack	:	Circular
5.	Whether stack is provided with permanent platform & ladder	:	Yes
6.	DG capacity	:	255 HP
B.	<u>Physical characteristics of stack :</u>		
1.	Height of the stack from ground level	:	3.0480 m
2.	Diameter of the stack at sampling point	:	0.1016 m
3.	Area of Stack	:	0.00810 m2
C.	<u>Analysis/Characteristic of stack:</u>		
	1. Fuel used : HSD		
D.	<u>Result of sampling & analysis of gaseous emission</u>	<u>Result</u>	<u>Limit as per CPCB</u>
			<u>Method</u>
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	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.6	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm3)	23.7	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr)	0.301	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	USEPA Part-17, 16/08/1996
12.	Smoke Limit (Light Absorption Coefficient, m-1)	0.080K	AS PER CPCB
E.	<u>Pollution control device:</u>		<u>Remarks:</u> Nil
	Details of pollution control devices attached with the stack : Nil		

Analyzed By:



Signature :
Name : Mr. Bhaskarjyoti Dutta
Designation : Chemist

Prepared By:



Signature :
Name : Hiramoni Rajbongshi
Designation : Office Assistant


Authorized Signatory

For Mitra S.K. Private Limited

Signature :
Name : Mr. Ravi Shankar Roy
Designation : Branch Manager

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Approved by
Uttam Prodhan

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


STACK GAS MONITORING REPORT

Name & Address of the Customer		Report No.	: MSK/2024-25/02262
"M/s OIL INDIA LIMITED" Duliajan, Dibrugarh, Assam-786602		Report Date	: 10.01.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: CGGS MADHUBAN
		Sample Number	: MSKGL/ED/2024-25/01/00348
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO.- 8129283 of Contract No. 6119277			
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

A.	General information about stack :		
1.	Stack connected to	:	AIR OCOMPRESSOR
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	:	105 HP
B.	Physical characteristics of stack :		
1.	Height of the stack from ground level	:	1.5240 m
2.	Diameter of the stack at sampling point	:	0.1016 m
3.	Area of Stack	:	0.00810 m ²
C.	Analysis/Characteristic of stack:		
	1. Fuel used : HSD		
D.	Result of sampling & analysis of gaseous emission	Result	Limit as per CPCB
1.	Temperature of emission (°C)	109	...
2.	Barometric Pressure (mm of Hg)	762.0	...
3.	Velocity of gas (m/sec.)	17.92	...
4.	Quantity of Gas Flow (Nm ³ /hr)	406	...
5.	Concentration of Oxygen (%v/v)	13.8	...
6.	Concentration of Carbon Monoxide (g/kW-hr)	0.125	≤ 3.5
7.	Concentration of Carbon Dioxide (%v/v)	5.8	...
8.	Concentration of Sulphur Dioxide (mg/Nm ³)	22.1	...
9.	Concentration of Nitrogen Oxide & Hydrocarbons (g/kW-hr)	0.251	≤ 4.7
10.	Concentration of Lead (mg/Nm ³)	<0.005	...
11.	Concentration of Particulate matter (g/kW-hr)	0.081	≤ 0.3
12.	Smoke Limit (Light Absorption Coefficient, m-1)	0.077K	≤ 0.7
E.	Pollution control device:		
	Details of pollution control devices attached with the stack : Nil		
		Remarks: Nil	

Analyzed By:

Signature : 
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:

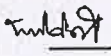
Signature : 
 Name : Hiramoni Rajbongshi
 Designation : Office Assistant

 Authorized Signatory
 For Mitra S.K. Private Limited

Signature : 
 Name : Mr. Ravi Shankar Roy
 Designation : Branch Manager

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 Approved by
 Uttam Prodhan

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

NOISE LEVEL MEASUREMENT REPORT

LOCATION : CHS Madhuban

(Production Installation – OCS/EPS/QPS)

Date : 26.11.2024 Time : 08.30 PM

Sl. No.	Noise Level Measurement at		Measurement In dB(A)	Threshold limit value for Noise as per OISD-166		Recommendation
				Duration per day(hours)	Sound Level (dBA)	
1	Control Room / Operator Room	Door Open	72			
		Door Closed	60			
2	Middle of Group Area		73	8	90	
3	At the Entrance		54	6	92	
4	Security Hut		40	4	95	
5	Meter Shed		83	3	97	
6	Tank Area		60	2	100	
7	Air Compressor		80	1 - 1/2	102	
				1	105	
				1/2	110	
				1/4 or less	115	

Sl. No.	Noise Level Measurement at	Noise level at source In dB(A)	At a distance from the shed												Near boundary of the installation in dB(A)	Remarks
											In dB(A)					
			5 mtrs				10 mtrs				15 mtrs					
			North	South	East	West	North	South	East	West	North	South	East	West		
1	CODP	90	82	80	81	80	72	71	72	71					East - 54 West - 55 North - 58 South - 53	
2	FWDP															
3	Drenching pump	96	90	90	91	92	81	80	80	81						
4	Emulsion Treater															
5	Indirect Heater															
6	Chemical Dosing Pump	74	67	68	67	66										
7	Power house	79	74	73	75	76	60	68	70	71						
8	SCADA Room	60														
9	Water Pump House	81	70	71	72	71										

Sound Level Meter : Make - HTC

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

NOISE LEVEL MEASUREMENT REPORT

LOCATION : CHAS Madhuban

(Production Installation – OCS/EPS/QPS)

Date : 27.11.2024 Time : 12.35 PM

Sl. No.	Noise Level Measurement at		Measurement in dB(A)	Threshold limit value for Noise as per OISD-166		Recommendation
1	Control Room / Operator Room	Door Open	70	Duration per day(hours)	Sound Level (dBA)	
		Door Closed	70			
2	Middle of Group Area		76	8	90	
3	At the Entrance		55	6	92	
4	Security Hut		53	4	95	
5	Meter Shed		84	3	97	
6	Tank Area		62	2	100	
7	Air Compressor		82	1 - ½	102	
				1	105	
				½	110	
				¼ or less	115	

Sl. No.	Noise Level Measurement at	Noise level at source in dB(A)	At a distance from the shed								In dB(A)				Near boundary of the installation in dB(A)	Remarks
			5 mtrs				10 mtrs				15 mtrs					
			North	South	East	West	North	South	East	West	North	South	East	West		
1	CODP	90	84	85	85	87	73	71	74	73					East – 65 West – 60 North – 56 South – 57	
2	FWDP															
3	Drenching pump	98	90	91	90	92	84	87	85	87						
4	Emulsion Treater															
5	Indirect Heater															
6	Chemical Dosing Pump	78	64	66	65	67										
7	Power house	81	77	79	78	79	75	74	75	73						
8	SCADA Room	81														
9	Water Pump House	83	71	70	72	71										

Sound Level Meter : Make - HTC

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

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

Date: 23.01.2025

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 (IS-10500:2023) Second revision	Test Results	Test method/Instrument used
Turbidity	NTU	# 5.0(max.)	0.35	BIS 3025-10-2023 / Turbidity meter
Chloride (as Cl ⁻)	mg/l	250.0 (max.)	13	BIS 3025-32- 2019/ Titration with silver nitrate
Iron (as Fe ⁺⁺)	mg/l	0.3(max.)	0.14	BIS 3025-53 / UV-vis Spectrophotometer Instrument range (0.0025-5.0 mg/l)
Total Hardness (as CaCO ₃)	mg/l	200.0(max.)	6	BIS 3025-21-2009 / Titration with EDTA
Phenolic compounds as C ₆ H ₅ OH	mg/l	0.001(max)	BDL	APHA 5530 C+D-2022 / UV-vis Spectrophotometer (Instrument range - 0.002 - 0.1 mg/l)
Arsenic as As	mg/l	0.01(max)	BDL	BIS 3025-37 / UV-vis Spectrophotometer (Instrument range - 0.001 - 0.1 mg/l)

Sample details. :

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 IS: 10500:2012 (Second revision) where permissible limit is set at 5.0 NTU (instead of 1.0 NTU) in absence of alternate source.

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: ^{PJK}WR/PJK

Analytical & Environmental Lab.
Chemical Department, Oil India
Chem/A&E/DW/File/03

^gSurajit Bora
Chief Chemist (Lab)
(Reviewed by)

^{Dalry}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



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

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 ⁰ C	mhos/cm	180.1 x10 ⁻⁶	87.2 x10 ⁻⁶	87.8 x10 ⁻⁶	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- *PJK*
WR/PJK

Analytical & Environmental Lab.
Chemical Department, Oil India
Chem/A&E/Misc./File/04

Surajit Bora
Surajit Bora
Chief Chemist (Lab)
(Reviewed by)

Euracia L. Wahlang
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

Page 1 of 1

Annexure III**FORM - O**

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

REPORT OF MEDICAL EXAMINATION UNDER RULE 29-BCertificate No. : *BL-102*

Certified that sri/Shrimoti employed as

in mine. Form D. No has been examined for an initial/
periodical* medical examination. He/She appears to be *39* years of age.

The finding of the examining authority are given in the attached sheet it is considered that

✓ Sri/Shrimoti *Saganath Hazarika*

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

*(b) Is suffering from and is medically unfit for

(i) any employment in mine or

(ii) any employment below ground; or

(iii) any employment or work

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

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

*and the option of specialist from

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



Dr. Dulal Phukan (MBBS DOI)
Signature of Examining Authority
Tinsukia Urban Health Centre
Regd. No. 14857 (Assam)

Name and Designation in Block Letters

Place : *Deoriajan*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 sent to the manager of the mine concerned by registered post and the third copy be retained by the examining authority.

REPORT OF THE EXAMINING AUTHORITY

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

Annexure to certificate No BL-102 as a result
medical examination Cut mark on (Rt) hand little finger

Identification Mark

Left Thumb impression of the Candidate
Good/ Fair/ Poor

1 General Development

2 Height 5.5 Cms.

3 Weight 79 Kg

4 Eyes

(i) Visual 6/6 distance vision (with or without glasses)

Right Eye Normal
Left Eye Normal

(ii) Any organic disease of eyes NO

(iii) Night Blindness NO

(iv) Sound

(*to be tested in special cases)

5 Ears

(i) Hearing Right Ear Normal

Left Ear Normal

(ii) Any Organic Disease NO

6 Respiratory System

Chest Measurement

(i) After full inspection 101 Cms.

(ii) After full examination 96 Cms.

7 Circulatory System

Blood Pressure 120/76

Pulse 73/min

8 Abdomen NAD

Tenderness NO

Liver

Normal

Tumour NO

9 Nervous System NAD

History of fits or NO

Paralysis NO

Mental Health Good

10 Locomotor System NAD

11 Skin Normal

12 Hernia NO

13 Hydrocele NO

14 Any other normality NO

15 Urine

Reaction Normal

Albumin

Sugar

16 Skiagram of Chest

17. Any other C test considered necessary by the examining authority

18. Any opinion of specialist considered necessary

Place Duliajan

Dr. Dulai Phukan (MBBS DCO)
SDM & HO cum I/C
Tinsukia Urban Health Centre
Regd. No. 14857 (Assam)
Signature of Examining Authority

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

Certificate No.

BL-102

Name

Paganath Hazarika

Identification Marks

cut mark on (R) hand little finger

1. Cardiological Assessment

Auscultate	S1	Normal
	S2	Normal
	Additional Sound	No Murmur
Electrocardiograph (12 leads) finding		Normal / Abnormal

Enclosed ECG

2. Neurological Assessment

Findings	Normal / Abnormal
Superficial Reflexes	Normal
Deep Reflexes	Normal
Peripheral Circulation	Normal
Vibrational Syndromes	No

3. ILO Classification of Chest Radiograph :

Profusion pneumoconiotic opacities	Grades	Types
Present / absent		

Enclosed Chest Radiograph

4. Audiometry Findings :

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

Enclosed Audiometry Report

5. Pathological / Microbiological Investigations :

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

Enclosed Audiometry Report

6. Special tests for Mn exposure :

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

7. Any Other Special Test Required : N/D

8. Result of Lung Function Test (Spirometry)

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

Dr. Dular Phukan (MBBS)
SDM & HO cum IC
Tinsukia Urban Health Centre
Regd No/14857 (Assam)

Signature of Examining Authority

Annexure III**FORM - O**

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

REPORT OF MEDICAL EXAMINATION UNDER RULE 29-BCertificate No. : *BL-101*

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

in mine. Form D. No has been examined for an initial/
periodical* medical examination. He/She appears to be *24* years of age.

The finding of the examining authority are given in the attached sheet it is considered that

Sri/Shrimoti *Bishwajit Gowala*

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

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

(i) any employment in mine or

(ii) any employment below ground; or

(iii) any employment or work

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

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

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

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



Dr. Dulal Phukan (MBBS (D.O))
SDM & HO cum VC
Tinsukia Urban Health Centre
Tinsukia, 786005 (Assam)
Regd. No. 14857 (Assam) Authority
DR. D. PHUKAN

Name and Designation in Block Letters

Place : *Deuliajan*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 THE EXAMINING AUTHORITY

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

Annexure to certificate No. BL- 101 as a result
medical examination Cut mark on (L) hand

Identification Mark

Left Thumb impression of the Candidate
Good/ Fair/ Poor



1 General Development

2 Height 5.5 Cms.

3 Weight 50 Kg.

4 Eyes

(i) Visual 6/6 distance vision (with or without glasses)

Right Eye Normal

Left Eye Normal

(ii) Any organic disease of eyes NO

(iii) Night Blindness NO

(iv) Sound

(*to be tested in special cases)

5 Ears

(i) Hearing Right Ear Normal Left Ear Normal

(ii) Any Organic Disease NO

6 Respiratory System

Chest Measurement

(i) After full inspection 84 Cms.

(ii) After full examination 81 Cms.

7 Circulatory System

Blood Pressure 112/76

Pulse 73/min

8 Abdomen NAD

Tenderness NO

Liver Normal

Tumour NO

9 Nervous System NAD

History of fits or NO

Paralysis NO

Mental Health Good

10 Locomotor System NAD

11 Skin Normal

12 Hernia NO

13 Hydrocele NO

14 Any other normality NO

15 Urine

Reaction /WNL

Albumin

Sugar

16 Skiagram of Chest

17. Any other C test considered necessary by the examining authority.

18. Any opinion of specialist considered necessary.

Place Duliajan

Dr. Dulal Phukan (MBBS D.O)
SDM & HO cum I/C
Tinsukia Urban Health Centre
Regd. No. 14857 (Assam)
Signature of Examining Authority

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

Certificate No.

Name

Identification Marks

BL-101

Bishwajit Gowala

cut mark on (lt) hand

1. Cardiological Assessment

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

Enclosed ECG

2. Neurological Assessment

Findings	Normal / Abnormal
Superficial Reflexes	Normal
Deep Reflexes	Normal
Peripheral Circulation	Normal
Vibrational Syndromes	NO

3. ILO Classification of Chest Radiograph :

Profusion pneumoconiotic opacities	Grades	Types
Present / absent		

Enclosed Chest Radiograph

4. Audiometry Findings :

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

Enclosed Audiometry Report

5. Pathological / Microbiological Investigations :

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

Enclosed Audiometry Report

6. Special tests for Mn exposure :

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

7. Any Other Special Test Required NO

8. Result of Lung Function Test (Spirometry)

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

Dr. Dulal Phukan (MBBS, DCO)
SDM & HO cum I/C
Tinsukia Urban Health Centre
Regd. No. 14857 (Assam)
Signature of Examining 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		
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, NO _x , CO, HC (Methane & Non-methane), VOCs (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Complied Compliance status including monitored data is regularly uploaded in company's website and sent to concerned government authorities. Monitored data is also enclosed herewith.
x	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the PCB, Assam. The Regional Office of this Ministry / CPCB / MPPCB shall monitor the stipulated conditions.	Complied Monitored data enclosed.
xi	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.	Complied
xii	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the PCB, Assam and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of	Complied.

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

B. Specific Condition		
Sl No.	EC Condition	Compliance status/ Remark
i	Prior clearance under the Wildlife (Protection) Act, 1972, should be obtained from the Standing Committee of the National Board for Wildlife as the project is located within 10 Km distance of Eco sensitive areas (Dehing Patkai WLS, Bherjan-Borajan-Podumoni WLS and Dibru-Saikhowa National Park).	NBWL clearance received vide letter No. WL/FG-35/Standing Committee NBWL dated 09.10.2014 & copy enclosed.
ii	No facility shall be developed in forest land.	Complied
iii	Adequate buffer zone around the oil and gas facilities, as may be required as per OISD or other statutory requirements.	Complied
iv	The flare system shall be designed as per good oil field practices and Oil Industry Safety Directorate (OISD) guidelines. The company shall take necessary measures to prevent fire hazards and soil remediation as needed. At the place of ground flaring, the flare pit shall be lined with refractory bricks and efficient burning system. In case of overhead flare stacks, the stack height shall be provided as per the regulatory requirements and emissions from stacks shall meet the MOEF/CPCB guidelines.	Complied. Common flare is used for OCS-Tengakhatand GCS-Tengakhat
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 up-wind & in down-wind direction along with those in other directions.	Complied. Latest Report of Ambient Air Quality along with VOC and HC Monitoring is enclosed.


vi	Regular monitoring of VOC and HC in the work zone area in the plant premises shall be carried and data be submitted to Ministry's Regional Office at Shillong, CPCB and Assam Pollution Control Board.	Complied. Latest Report of Ambient Air Quality along with VOC and HC Monitoring is enclosed. Online Fire & Gas Detection System is also installed in this station.
vii	Vapor recovery system shall be installed to prevent leakage of vapor from tank/ vessels / processing and filling areas to ensure no hydrocarbon vapors are released unchecked.	Not Applicable No hydrocarbon storage facility planned.
viii	Total fresh water requirement from ground water source shall not exceed 18 m ³ /day per GCS, 17 m ³ /day per FGS and around 15 m ³ /day per CGGS & OTP and prior permission shall be obtained from the CGWA/SGWA.	Complied. Water consumption is within the prescribed limit.
ix	The company shall construct the garland drain all around the project site to prevent runoff of any oil containing waste into the nearby water bodies. Separate drainage system should be created for oil contaminated and non-oil contaminated streams. During rainy season, the storm water drains shall be connected to oil water separator and passed through guard pond. Water quality monitoring of guard pond shall be conducted	Complied
x	Produced water/wastewater separated during processing in GCSs/FGSs/CGGS shall be treated in efficient Effluent Treatment Plants and then routed to the nearby oil collecting station for injection into underground structures at depth between 1000m to 1500 m. Water quality of treated effluent shall conform to CPCB standards. No effluent shall be discharged outside the premises of facilities	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
"M/s OIL INDIA LIMITED" Duliajan, Dibrugarh, Assam-786602		Report Date	: 31.01.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: GCS TENGAKHAT
		Sample Number	: MSKGL/ED/2024-25/01/02197
		Instrument ID	: 135-H-19
Ref. No.:W.O. NO.- 8129283 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

A.	<u>General information about stack :</u>	:		
1.	Stack connected to	:	GB-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	:	NIL	
B.	<u>Physical characteristics of stack :</u>			
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 m ²	
C.	<u>Analysis/Characteristic of stack:</u>			
	1. Fuel used : NG			
D.	<u>Result of sampling & analysis of gaseous emission</u>	<u>Result</u>	<u>Limit as per CPCB</u>	<u>Method</u>
1.	Temperature of emission (°C)	192	...	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.)	24.13	...	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm ³ /hr)	1797	...	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/Nm ³)	20.8	...	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/Nm ³)	22.8	...	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide (ppmv)	71.4	...	USEPA Part-6, 25/09/1996
10.	Concentration of Lead (mg/Nm ³)	<0.005	...	USEPA-29, 25/06/1996
11.	Concentration of Particulate matter (mg/Nm ³)	33.3	...	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)	0.082K	≤ 0.7	AS PER CPCB
E.	<u>Pollution control device:</u>			<u>Remarks:</u> Nil
	Details of pollution control devices attached with the stack : Nil			

Signature : 
Name : Mr. Ravi Shankar Roy
Designation : Branch Manager

- The results relate only to the item(s) tested.
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Approved by
Uttam Prodhan
Suptdg. Research Scientist, R&D Dept.,
Oil India Ltd., Duliaganj, Assam

STACK GAS MONITORING REPORT

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
		Sample Number	: MSKGL/ED/2024-25/01/02198
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO.- 8129283 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

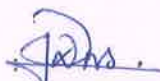
A.	<u>General information about stack :</u>		:	
1.	Stack connected to	:	GB-2	
2.	Emission due to	:	NG	
3.	Material of construction of Stack	:	MS	
4.	Shape of Stack	:	Circular	
5.	Whether stack is provided with permanent platform & ladder	:	Yes	
6.	DG capacity	:	NIL	
B.	<u>Physical characteristics of stack :</u>			
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.	<u>Analysis/Characteristic of stack:</u>			
	1. Fuel used : NG			
D.	<u>Result of sampling & analysis of gaseous emission</u>	<u>Result</u>	<u>Limit as per CPCB</u>	<u>Method</u>
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	...	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.	<u>Pollution control device:</u>			<u>Remarks:</u> Nil
	Details of pollution control devices attached with the stack : Nil			

Analyzed By:



Signature :
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:



Signature :
 Name : Mr. Dipankar Das
 Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited



Signature :
 Name : Mr. Ravi Shankar Roy
 Designation : Branch Manager

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Approved by
 Uttam Prodhan

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

STACK GAS MONITORING REPORT

Name & Address of the Customer		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
		Sample Number	: MSKGL/ED/2024-25/01/02199
		Instrument ID	: 135-H-19
Ref. No.:W.O. NO.- 8129283 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

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 m ²
C.	Analysis/Characteristic of stack:		
	1. Fuel used : NG		
D.	Result of sampling & analysis of gaseous emission	Result	Limit as per CPCB
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 (Nm ³ /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/Nm ³)	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/Nm ³)	23.5	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide (ppmv)	72.2	USEPA Part-6, 25/09/1996
10.	Concentration of Lead (mg/Nm ³)	<0.005	USEPA-29, 25/06/1996
11.	Concentration of Particulate matter (mg/Nm ³)	34.9	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)	0.080K	AS PER CPCB
E.	Pollution control device:		
	Details of pollution control devices attached with the stack : Nil		Remarks: Nil

Analyzed By:

Butta

Signature : _____
Name : Mr. Bhaskarjyoti Dutta
Designation : Chemist

Prepared By:

Ans.

Signature : 
Name : Mr. Dipankar Das
Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited

Signature : 
Name : Mr. Ravi Shankar Roy
Designation : Branch Manager

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

Waldorf

Approved by
Uttam Prodhan

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

STACK GAS MONITORING REPORT

Name & Address of the Customer		Report No.	: MSK/2024-25/02404A40
"M/s OIL INDIA LIMITED" Duliajan, Dibrugarh, Assam-786602		Report Date	: 31.01.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: GCS TENGAKHAT
		Sample Number	: MSKGL/ED/2024-25/01/02200
		Instrument ID	: 135-H-19
Ref. No.: W.O. NO.- 8129283 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

A.	General information about stack :		:
1.	Stack connected to	: PORTABLE AIR COMPRESSOR 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	: NIL	
B.	Physical characteristics of stack :		
1.	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)	135	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.)	18.93	USEPA Part 2, 25.09.1996
4.	Quantity of Gas Flow (Nm3/hr)	72	USEPA Part 2, 25.09.1996
5.	Concentration of Oxygen (%v/v)	14.0	IS:13270 :1992 Reaff, 2014
6.	Concentration of Carbon Monoxide (mg/Nm3)	20.5	IS:13270 :1992 Reaff, 2014
7.	Concentration of Carbon Dioxide (%v/v)	5.4	IS:13270 :1992 Reaff, 2014
8.	Concentration of Sulphur Dioxide (mg/Nm3)	22.7	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide (ppmv)	71.6	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)	34.2	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)	0.092K	AS PER CPCB
E.	Pollution control device:		
	Remarks: Nil		
	Details of pollution control devices attached with the stack : Nil		

Analyzed By:



Signature :
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:



Signature :
 Name : Mr. Dipankar Das
 Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited



Signature :
 Name : Mr. Ravi Shankar Roy
 Designation : Branch Manager

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Approved by
 Uttam Prodhan

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

STACK GAS MONITORING REPORT

Name & Address of the Customer		Report No.	: MSK/2024-25/02404A41
"M/s OIL INDIA LIMITED" Duliajan, Dibrugarh, Assam-786602		Report Date	: 31.01.2025
		Nature of Sample	: Stack Emission
		Sample Mark	: GCS TENGAKHAT
		Sample Number	: MSKGL/ED/2024-25/01/02201
Ref. No.: W.O. NO.- 8129283 of Contract No. 6119277		Instrument ID	: 135-H-19
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

A.	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	
6.	DG capacity	: NIL	
B.	Physical characteristics of stack :		
1.	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	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
8.	Concentration of Sulphur Dioxide (mg/Nm3)	21.6	USEPA-29, 25/06/1996
9.	Concentration of Nitrogen Oxide (ppmv)	71.9	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)	33.1	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)	0.082K	AS PER CPCB
E.	Pollution control device:		Remarks: Nil
	Details of pollution control devices attached with the stack : Nil		

Analyzed By:



Signature :
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:



Signature :
 Name : Mr. Dipankar Das
 Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited

Signature :
 Name : Mr. Ravi Shankar Roy
 Designation : Branch Manager



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Approved by
 Uttam Prodhhan

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

Ambient Air Quality Monitoring Report

Name & Address of the Customer :		Report No. : MSK/2024-25/01665			
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602		Report Date : 30.10.2024			
		Sample Description : Ambient Air			
		Sample Number : MSKGL/ED/2024-25/10/01522			
		Sampling Location : GCS TENGAKHAT			
Instrument ID : RDS 1940-DTB-2011/ FPS 91-DTL-2021		GPS Reading : N 27°51'38", E 95°42'53"			
Ref. No.:W.O. NO.- 8129283 of Contract No. 6119277					
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date		
16.10.2024	19.10.2024	19.10.2024	26.10.2024		
Enviromental Conditions During Sampling & Transport Condition :Temperature : 26°C, Rain fall : NO					
Analysis Result					
Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1.	Particulate Matter (PM ₁₀)	IS : 5182 (Part-23)-2006	(µg/m ³)	62.1	100
2.	Particulate Matter (PM _{2.5})	IS : 5182 (Part-24)	(µg/m ³)	34.5	60
3.	Sulphur Dioxide (SO ₂)	IS : 5182 (Part-2)-2001	(µg/m ³)	6.5	80
4.	Nitrogen Dioxide (NO ₂)	IS : 5182 (Part-6)-2006	(µg/m ³)	20.9	80
5.	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m ³)	0.72	2
6.	Ozone (O ₃)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m ³)	22.3	180
7.	Ammonia (NH ₃)	IS 5182 (Part 25) : 2018	(µg/m ³)	11.2	400
8.	Lead (Pb)	USEPA IO-3.4	(µg/m ³)	<0.01	1
9.	Nickel (Ni)	USEPA IO-3.4	(ng/m ³)	<5.0	20
10.	Arsenic (As)	USEPA IO-3.4	(ng/m ³)	<1.0	6
11.	Benzene (C ₆ H ₆)	IS 5182 : (Part 11) :2006	(µg/m ³)	<4.2	5
12.	Benzo(a)Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m ³)	<0.5	1
13.	Mercury (Hg)	USEPA IO-5.0	(µg/m ³)	<0.002	...
14.	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	1.96	...
15.	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	...
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.96	...
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m ³)	<4.2	...
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

Analyzed By:



Signature :
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist


Prepared By:



Signature :
 Name : Hiramoni Rajbongshi
 Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited

Signature : 
 Name : Mr. Ravi Sankar Roy
 Designation : Branch Manager

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

Ambient Air Quality Monitoring Report

Name & Address of the Customer :		Report No. : MSK/2024-25/01925			
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602		Report Date : 16.12.2024			
		Sample Description : Ambient Air			
		Sample Number : MSKGL/ED/2024-25/12/00607			
		Sampling Location : GCS TENGAKHAT			
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		
Enviromental Conditions During Sampling & Transport Condition : Temperature : 27°C, Rain fall : NO					
Analysis Result					
Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1.	Particulate Matter (PM ₁₀)	IS : 5182 (Part-23)-2006	(µg/m ³)	75.1	100
2.	Particulate Matter (PM _{2.5})	IS : 5182 (Part-24)	(µg/m ³)	42.3	60
3.	Sulphur Dioxide (SO ₂)	IS : 5182 (Part-2)-2001	(µg/m ³)	11.4	80
4.	Nitrogen Dioxide (NO ₂)	IS : 5182 (Part-6)-2006	(µg/m ³)	27.1	80
5.	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m ³)	1.04	2
6.	Ozone (O ₃)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m ³)	26.3	180
7.	Ammonia (NH ₃)	IS 5182 (Part 25) : 2018	(µg/m ³)	13.2	400
8.	Lead (Pb)	USEPA IO-3.4	(µg/m ³)	<0.01	1
9.	Nickel (Ni)	USEPA IO-3.4	(ng/m ³)	<5.0	20
10.	Arsenic (As)	USEPA IO-3.4	(ng/m ³)	<1.0	6
11.	Benzene (C ₆ H ₆)	IS 5182 : (Part 11) :2006	(µg/m ³)	<4.2	5
12.	Benzo(a)Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m ³)	<0.5	1
13.	Mercury (Hg)	USEPA IO-5.0	(µg/m ³)	<0.002	...
14.	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	1.92	...
15.	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	...
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.92	...
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m ³)	<4.2	...
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

Analyzed By:



Signature :
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:



Signature :
 Name : Hiramoni Rajbongshi
 Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited

Signature :
 Name : Mr. Ravi Sankar Roy
 Designation : Branch Manager

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

Ambient Air Quality Monitoring Report

Name & Address of the Customer :		Report No. : MSK/2024-25/02228A46			
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602		Report Date : 29.12.2024			
		Sample Description : Ambient Air			
		Sample Number : MSKGL/ED/2024-25/12/02073			
		Sampling Location : GCS TENGAKHAT			
Ref. No.: W.O. NO.- 8129283 of Contract No. 6119277		Instrument ID : RDS 202-DTF-2016/ FPS 94-DTL-2021			
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date		
19.12.2024	23.12.2024	23.12.2024	29.12.2024		
Enviromental Conditions During Sampling & Transport Condition : Temperature : 22°C, Rain fall : NO					
Analysis Result					
Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1.	Particulate Matter (PM ₁₀)	IS : 5182 (Part-23)-2006	(µg/m ³)	69.5	100
2.	Particulate Matter (PM _{2.5})	IS : 5182 (Part-24)	(µg/m ³)	34.9	60
3.	Sulphur Dioxide (SO ₂)	IS : 5182 (Part-2)-2001	(µg/m ³)	7.2	80
4.	Nitrogen Dioxide (NO ₂)	IS : 5182 (Part-6)-2006	(µg/m ³)	21.3	80
5.	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m ³)	0.54	2
6.	Ozone (O ₃)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m ³)	<20.0	180
7.	Ammonia (NH ₃)	IS 5182 (Part 25) : 2018	(µg/m ³)	<10.0	400
8.	Lead (Pb)	USEPA IO-3.4	(µg/m ³)	<0.01	1
9.	Nickel (Ni)	USEPA IO-3.4	(ng/m ³)	<5.0	20
10.	Arsenic (As)	USEPA IO-3.4	(ng/m ³)	<1.0	6
11.	Benzene (C ₆ H ₆)	IS 5182 : (Part 11) :2006	(µg/m ³)	<4.2	5
12.	Benzo(a)Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m ³)	<0.5	1
13.	Mercury (Hg)	USEPA IO-5.0	(µg/m ³)	<0.002	...
14.	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	1.96	...
15.	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	...
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.96	...
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m ³)	<4.2	...
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

Analyzed By:

Signature : 
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:

Signature : 
 Name : Hiramoni Rajbongshi
 Designation : Office Assistant


Authorized Signatory

For Mitra S.K. Private Limited

Signature : 
 Name : Mr. Ravi Sankar Roy
 Designation : Branch Manager

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

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

Ambient Air Quality Monitoring Report

Name & Address of the Customer :		Report No. : MSK/2024-25/02406			
"M/s OIL INDIA LIMITED", Duliajan, Dibrugarh, Assam-786602		Report Date : 09.02.2025			
		Sample Description : Ambient Air			
		Sample Number : MSKGL/ED/2024-25/01/02096			
		Sampling Location : GCS TENGAHAT			
Ref. No.: W.O. NO.- 8129283 of Contract No. 6119277		Instrument ID : RDS 1940-DTB-2011/ FPS 91-DTL-2021			
Date of Sampling	Sample Received Date	Analysis Start Date	Analysis Complete Date		
21.01.2025	24.01.2025	24.01.2025	01.02.2025		
Enviromental Conditions During Sampling & Transport Condition : Temperature : 24°C, Rain fall : NO					
Analysis Result					
Sl. No.	Test Parameter	Method	Unit	Results	CPCB Limit
1.	Particulate Matter (PM ₁₀)	IS : 5182 (Part-23)-2006	(µg/m ³)	62.4	100
2.	Particulate Matter (PM _{2.5})	IS : 5182 (Part-24)	(µg/m ³)	36.6	60
3.	Sulphur Dioxide (SO ₂)	IS : 5182 (Part-2)-2001	(µg/m ³)	6.6	80
4.	Nitrogen Dioxide (NO ₂)	IS : 5182 (Part-6)-2006	(µg/m ³)	22.9	80
5.	Carbon Monoxide (CO)	IS 5182 : (Part-10) :1999	(mg/m ³)	0.86	2
6.	Ozone (O ₃)	IS:5182 (Part-IX)-1974 Reaffirmed-2019	(µg/m ³)	22.7	180
7.	Ammonia (NH ₃)	IS 5182 (Part 25) : 2018	(µg/m ³)	11.3	400
8.	Lead (Pb)	USEPA IO-3.4	(µg/m ³)	<0.01	1
9.	Nickel (Ni)	USEPA IO-3.4	(ng/m ³)	<5.0	20
10.	Arsenic (As)	USEPA IO-3.4	(ng/m ³)	<1.0	6
11.	Benzene (C ₆ H ₆)	IS 5182 : (Part 11) :2006	(µg/m ³)	<4.2	5
12.	Benzo(a)Pyrene (BaP)	IS 5182 : (Part 12) :2004	(ng/m ³)	<0.5	1
13.	Mercury (Hg)	USEPA IO-5.0	(µg/m ³)	<0.002	...
14.	Methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	1.93	...
15.	Non-methane (Hydrocarbon)	IS 5182 : (Part 17)	ppm	<0.5	...
16.	Total Hydrocarbon	IS 5182 : (Part 17)	ppm	1.93	...
17.	Volatile Organic Compounds (VOC)	IS 5182 : (PART-11):2006	(µg/m ³)	<4.2	...
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality					

Analyzed By:



 Signature :
 Name : Mr. Bhaskarjyoti Dutta
 Designation : Chemist

Prepared By:



 Signature :
 Name : Mr. Dipankar Das
 Designation : Office Assistant

Authorized Signatory

For Mitra S.K. Private Limited



 Signature :
 Name : Mr. Ravi Sankar Roy
 Designation : Branch Manager

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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



 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

Sl. No.	Installation	Name	OIL ID	PME Records	
				Last PME	Due Date
1	Kathaloni GCS & Tengakhath GCS & Dikom GCS	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		Bipul Phukan	102075	22.02.2024	21.02.2027
7		Deepjyoti Dutta	200682	23.02.2024	22.02.2027
8		Ruhini Phukan	103886	05.03.2025	04.03.2028
9		Prasanta Gharpalia	103929	22.09.2022	21.09.2025
10		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		Bhugen Gogoi	102238	29.02.2024	28.02.2027


 02/04/25
 INSTALLATION MANAGER
 TENGAKHAT GCS
 ASSET
 OIL INDIA LIMITED
 Ankur N. Saikia,
 CEP-C,
 IM-Tengakhath GCS