

CERTIFICATE OF ANALYSIS

Report Number: GGMPL/PN/1526D/28/01

Reporting Date : 08/08/2024

HINDUSTAN OIL EXPLORATION COMPANY

Site:Asjol , Asjol EPS,Village: Dhanpura , Dist.: Mehsana



SAMPLE DETAILS

Lab ID:	Lab/PN/1526D/28/01	Sampling Date:	30/07/2024
Sample Drawn By:	Laboratory Representative	Sample Receipt Date:	31/07/2024
Sample Type:	Water	Analysis Start Date:	01/08/2024
Sample Description:	Drinking Water	Analysis End Date:	07/08/2024
Sample Quantity:	4 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Specification:

Sr.No	Parameters	Results	Unit	Test Method	AL	PL
1	Alkalinity as CaCO3	55.00	mg/L	APHA 23rd Edition (2320 B)	200	600
2	Calcium as Ca	23.25	mg/L	APHA 23rd Edition (3500 Ca B)	75	200
3	Chloride	26.99	mg/L	IS 3025 -Part 32	250	1000
4	Magnesium as Mg	9.48	mg/L	APHA 23rd Edition (3500 Mg B)	30	100
5	pH at 25 °C	7.15	-	IS 3025-Part 11	6.5-8.5	No Relaxation
6	Chemical Oxygen Demand (COD)	BQL (QL=5)	mg/L	APHA 23rd Edition(5220 B)	NS	NS
7	Sulphate	21.35	mg/L	APHA 23rd Edition (4500 SO4 E)	200	400
8	Total Dissolved Solids (TDS)	137.00	mg/L	APHA 23rd Edition (2540 C)	500	2000
9	Total Suspended Solids (TSS)	BQL (QL=5)	mg/L	APHA 23rd Edition (2540 D)	NS	NS
10	Potassium	0.25	mg/L	GGMPL/SOP/W & WW/46	NS	NS
11	Sodium	5.4	mg/L	GGMPL/SOP/W & WW/46	NS	NS

Al & PL As per IS 10500

NS=Not Specified, BQL=Below Quantification Limit,QL= Quantification Limit



Analyzed By
Dishant Patel



--- End of Report ---



Authorized Signatory
Tantan Kumar

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CERTIFICATE OF ANALYSIS

Report Number : GGMP/ PN/1526D/28/02
HINDUSTAN OIL EXPLORATION COMPANY
Site:Asjol , Asjol EPS,Village: Dhanpura , Dist.: Mehsana

Reporting Date: 08/08/2024



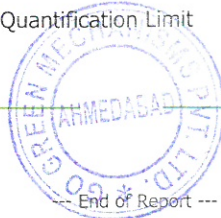
SAMPLE DETAILS

Lab ID:	Lab/PN/1526D/28/02	Sampling Start Date:	30/07/2024
Sample Drawn By:	Laboratory Representative	Sampling End Date:	31/07/2024
Sample Type:	Ambient Air	Sample Receipt Date:	31/07/2024
Sample Description:	Near Main Gate	Analysis start- End Date:	01/08/2024-07/08/2024
Env. Cond.-Sampling:	Ambient Temperature	Total Sampling hours:	24
Env. Cond.-Sample Receipt:	Satisfactory	Env. Cond.-Testing:	25±5°C

Sr.No	Parameters	Results	Unit	Test Method	NAAQ Standards
1	Particulate Matter (PM10)	56.72	µg/m ³	IS 5182- Part 23	100
2	Particulate Matter (PM2.5)	30.41	µg/m ³	GGMP/ SOP/AA/60 Issue No.02 August 01	60
3	Sulphur Dioxide (SO ₂)	15.76	µg/m ³	IS 5182-Part 2	80
4	Nitrogen Dioxide (NO ₂)	22.53	µg/m ³	IS 5182- Part 6	80

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

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Tantan Kumar

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Report Number: GGMP/ PN/1526D/28/03

Reporting Date: 08/08/2024

HINDUSTAN OIL EXPLORATION COMPANY

Site:Asjol , Asjol EPS,Village: Dhanpura , Dist.: Mehsana



TC-7073

SAMPLE DETAILS

Lab ID:	Lab/PN/1526D/28/03	Sampling Date:	30/07/2024
Sample Drawn By:	Laboratory Representative	Sample Receipt Date:	31/07/2024
Sample Type:	Stack	Analysis start- End Date:	01/08/2024-07/08/2024
Stack Height & Dia (m):	5&0.2	Stack Temperature (°C):	99.25
Stack Attached To:	Gas Generator	Stack gas velocity (m/sec):	8.10
Fuel Used:	N-Gas	Volume of Air Sampled in NM3:	1.4395

Sr.No	Parameters	Results	Unit	Test Method	Norms
1	Particulate Matter	6.74	mg/Nm ³	IS 11255- Part 1	150
2	Sulphur Dioxides	3	ppm	GGMP/SOP/SEA/68	100
3	Oxides of Nitrogen	13	ppm	GGMP/SOP/SEA/68	50

Norms As Per CCA

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CERTIFICATE OF ANALYSIS

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HINDUSTAN OIL EXPLORATION COMPANY
Site:Asjol , Asjol EPS,Village: Dhanpura , Dist.: Mehsana



TC-7073

SAMPLE DETAILS

Sampling Instrument : Sound Level Meter
Sample By : Laboratory Representative

Sampling Date: 30/07/2024
Sample Description: Source Noise

Sr.No	Lab Id	Location	Time	Unit	Test Method	Reading	Norms
1	Lab/PN/1526D/2 8/04A	Near Main Gate	Day Time	dB(A)Leq	IS 4758	63.5	-
2	Lab/PN/1526D/2 8/04B	Near Office Building	Day Time	dB(A)Leq	IS 4758	61.6	-
3	Lab/PN/1526D/2 8/04C	Near Electrical Room Area	Day Time	dB(A)Leq	IS 4758	57.2	-
4	Lab/PN/1526D/2 8/04D	Near Well Area	Day Time	dB(A)Leq	IS 4758	55.6	-
5	Lab/PN/1526D/2 8/04E	Oil storage Tank	Day Time	dB(A)Leq	IS 4758	57.1	-
6	Lab/PN/1526D/2 8/04F	Near Fire House	Day Time	dB(A)Leq	IS 4758	64.7	-
7	Lab/PN/1526D/2 8/04G	Well Area #06	Day Time	dB(A)Leq	IS 4758	63.8	-

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