

CERTIFICATE OF ANALYSIS

Report Number: GGMPL/PN/863E/63/01

Reporting Date : 07/07/2025

HINDUSTAN OIL EXPLORATION COMPANY

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



TC-7073

SAMPLE DETAILS

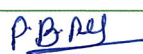
Lab ID:	Lab/PN/863E/63/01	Sampling Date:	30/06/2025
Sample Drawn By:	Bhargav Dhamecha	Sample Receipt Date:	01/07/2025
Sample Type:	Surface Water	Analysis Start Date:	02/07/2025
Sample Description:	Reservoir Water	Analysis End Date:	07/07/2025
Sample Quantity:	3 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	Norm
1	Alkalinity as CaCO ₃	345.00	mg/L	APHA 24th Edn 2320 B	-
2	Calcium as Ca	129.06	mg/L	APHA 24th Edn 3500 Ca B	-
3	Chemical Oxygen Demand (COD)	192.00	mg/L	APHA 24th Edn 5220 B	-
4	Chloride	484.85	mg/L	IS 3025- Part 32	-
5	Magnesium as Mg	72.90	mg/L	APHA 24th Edn 3500 Mg B	-
6	pH at 25 °C	7.56	-	IS 3025- Part 11	-
7	Sulphate	115.13	mg/L	APHA 24th Edn 4500 SO ₄ E	-
8	Total Dissolved Solids (TDS)	1423.00	mg/L	APHA 24th Edn 2540 C	-
9	Total Suspended Solids (TSS)	40.00	mg/L	APHA 24th Edn 2540 D	-
10	Potassium	7.8	mg/L	GGMPL/SOP/W & WW/46	-
11	Sodium	211	mg/L	GGMPL/SOP/W & WW/46	-

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


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CERTIFICATE OF ANALYSIS

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Reporting Date: 07/07/2025

HINDUSTAN OIL EXPLORATION COMPANY

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



TC-7073

SAMPLE DETAILS

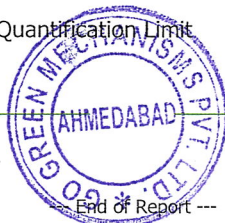
Lab ID:	Lab/PN/863E/63/02	Sampling Start Date:	30/06/2025
Sample Drawn By:	Bhargav Dhamecha	Sampling End Date:	01/07/2025
Sample Type:	Ambient Air	Sample Receipt Date:	01/07/2025
Sample Description:	Near Main Gate	Analysis start- End Date:	02/07/2025-07/07/2025
Env. Cond.-Sampling:	Temp-29°C/ Humidity-82%	Total Sampling hours:	24
Env. Cond.-Sample Receipt:	Satisfactory	Env. Cond.-Testing:	25±5°C

Sr.No	Parameters	Results	Unit	Test Method	Norms
1	Particulate Matter (PM2.5)	27.49	µg/m3	GGMPL/SOP/AA/60	60
2	Sulphur Dioxide (SO2)	15.97	µg/m3	IS 5182-Part 2	80
3	Oxides of Nitrogen	22.78	µg/m3	IS 5182- Part 6	80
4	Particulate Matter (PM10)	57.89	µg/m3	IS 5182- Part 23	100

Norms as per National Ambient Air Quality Standatds.

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Head Office & Lab

Dayal Estate, National Highway No.8, Opp APMC Market Gate-1, Jetalpur, District-Ahmedabad-382426
Gujarat. INDIA

Mobile No : +91-7069072001

Email Id : lab@gogreenmechanisms.com

CERTIFICATE OF ANALYSIS

Report Number: GGMPL/PN/863E/63/03

Reporting Date: 07/07/2025

HINDUSTAN OIL EXPLORATION COMPANY

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



SAMPLE DETAILS

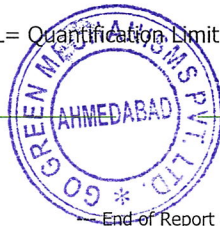
Sampling Instrument : Sound Level Meter
Sample By Bharghav Dhamecha

Sampling Date: 30/06/2025
Sample Description: Source Noise

Sr.No	Lab Id	Location	Time	Unit	Test Method	Reading	Norms
1	Lab/PN/863E/63/03A	Nr Main Gate	Day Time	dB(A)Leq	IS 4758	52.2	-
2	Lab/PN/863E/63/03B	Nr Office Building	Day Time	dB(A)Leq	IS 4758	54.9	-
3	Lab/PN/863E/63/03C	Nr Electrical Room Area	Day Time	dB(A)Leq	IS 4758	56.4	-
4	Lab/PN/863E/63/03D	Nr Well Area	Day Time	dB(A)Leq	IS 4758	56.2	-
5	Lab/PN/863E/63/03E	Oil Storage Tank	Day Time	dB(A)Leq	IS 4758	59.9	-
6	Lab/PN/863E/63/03F	Nr Fire House	Day Time	dB(A)Leq	IS 4758	55.5	-
7	Lab/PN/863E/63/03G	Well Area # 06	Day Time	dB(A)Leq	IS 4758	61.9	-

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--- End of Report ---

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