

NOA NO: MHN/MM/HSE/CONTRACT/225/2017-18/9010028908

Analysis Report Of Ambient Air Monitoring For The Month of September-2020

To,

M/s Oil & Natural Gas Corporation Ltd.

Rig E-760-XI Well No-LNGS, Dist: Mehsana.

Report Date: 24/09/2020

Report No.: 34/20/09/02

Sample location	: Rig E-760-XI Well No-LNGS	Ambient Tem(Max) °C	: 33
Sample collected Date	: 18/09/2020 to 19/09/2020	Ambient Tem(Min) °C	: 27
Lab ID Code	: 34/LB/20/AM	Humidity (%)	: 68.5
Sampling Time	: 24 hr	Average Wind Speed (Km/hr)	: 10.1
Purpose	: Environment Monitoring	Wind Direction	: W-E

RESULT TABLE

SR. NO.	PARAMETER	UNIT	GPCB LIMIT	RESULT			Average	TEST METHOD
				I	II	III		
1.	Particulate Matter PM ₁₀	µg/m ³	100	59.1	63.7	52.3	58.3	IS 5182 (PART 23) 2006
2.	Particulate Matter PM _{2.5}	µg/m ³	60	27.1	25.9	24.1	25.7	As per CPCB Guideline
3.	Sulphur Dioxide (SO ₂)	µg/m ³	80	15.6	28.1	18.5	20.7	IS 5182 (PART-2) 2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	80	28.4	33.5	22.6	28.1	IS 5182 (PART-6) 2006
5.	Hydrocarbon (HC AsCH ₄)	µg/m ³	160	5.8	7.1	6.3	6.4	IS 5182 (PART-17) 1979
6.	Carbon Monoxide (CO)	µg/m ³	5000	1780	1525	1386	1564	IS 5182 (PART-10) 1999
7.	Hydrogen Sulphide (H ₂ S)	ppm	0.36*	BDL	BDL	BDL	BDL	IS 5182 (PART-7) 1973

* indicates as per GPCB norms. #BDL: Below Detection Limit. BDL Limit For H₂S: 0.007 ppm

Location I: Nr. Mud Tank Area

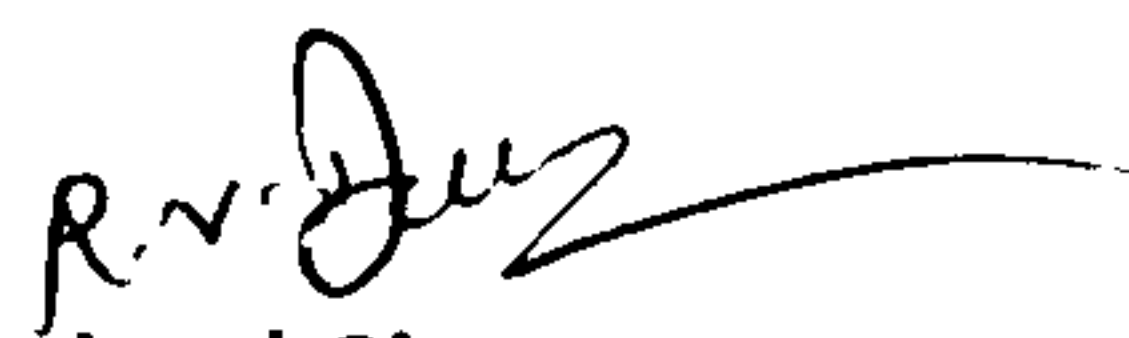
(Date: 18/09/2020 Time: 07:00 a.m. to 03:00 p.m.)

Location II: Nr. D.G. Set Area

(Date: 18/09/2020 Time: 03:50 p.m. to 11:50 p.m.)

Location III: Nr. In charge Office Area

(Date: 19/09/2020 Time: 12:35 a.m. to 08:35 a.m.)



Authorized Signatory
Rekha Dare(QM&TM)




Prepared By
Riddhi Kalathiya(Chemist)

NOA NO: MHN/MM/HSE/CONTRACT/225/2017-18/9010028908

Analysis Report Of Ambient Air Monitoring For The Month of September-2020

To,

M/s Oil & Natural Gas Corporation Ltd.

Rig IPS-700-VII Well No-SNQG, Dist: Mehsana.

Report Date: 25/09/2020

Report No.: 31/20/09/08

Sample location	: Rig IPS-700-VII Well No-SNQG	Ambient Tem(Max) °C	: 35
Sample collected Date	: 19/09/2020 to 20/09/2020	Ambient Tem(Min) °C	: 28
Lab ID Code	: 31/LB/20/AM	Humidity (%)	: 65.4
Sampling Time	: 24 hr	Average Wind Speed (Km/hr)	: 6.9
Purpose	: Environment Monitoring	Wind Direction	: NW-SE

RESULT TABLE

SR. NO.	PARAMETER	UNIT	GPCB LIMIT	RESULT			Average	TEST METHOD
				I	II	III		
1.	Particulate Matter PM ₁₀	µg/m ³	100	42.3	53.6	38.1	44.6	IS 5182 (PART 23) 2006
2.	Particulate Matter PM _{2.5}	µg/m ³	60	22.3	25.4	21.9	23.2	As per CPCB Guideline
3.	Sulphur Dioxide (SO ₂)	µg/m ³	80	15.4	25.9	17.5	19.6	IS 5182 (PART-2) 2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	80	20.5	29.1	23.7	24.4	IS 5182 (PART-6) 2006
5.	Hydrocarbon (HC AsCH ₄)	µg/m ³	160	3.9	4.3	6.1	4.7	IS 5182 (PART-17) 1979
6.	Carbon Monoxide (CO)	µg/m ³	5000	1485	1510	1680	1558	IS 5182 (PART-10) 1999
7.	Hydrogen Sulphide (H ₂ S)	ppm	0.36*	BDL	BDL	BDL	BDL	IS 5182 (PART-7) 1973

* indicates as per GPCB norms. #BDL: Below Detection Limit. BDL Limit For H₂S: 0.007 ppm

Location I: Nr. Mud Tank Area

(Date: 19/09/2020 Time: 06:30 a.m. to 02:30 p.m.)

Location II: Nr. D.G. Set Area

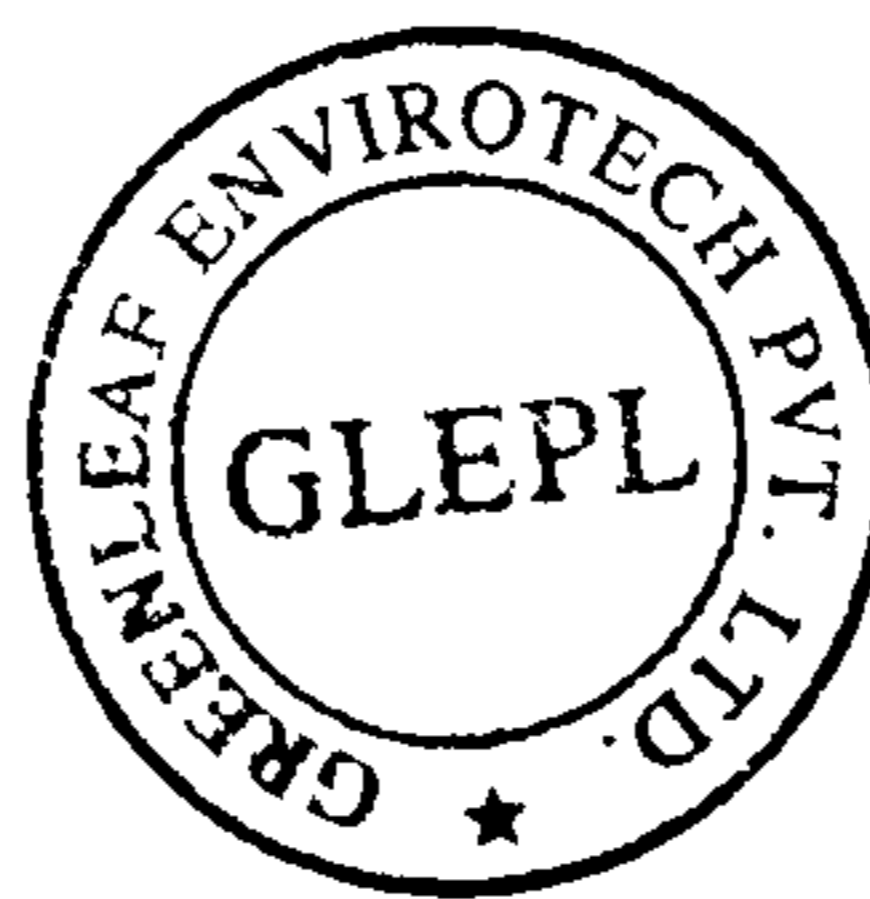

(Date: 19/09/2020 Time: 03:45 p.m. to 11:45 p.m.)

Location III: Nr. In charge Office Area

(Date: 20/09/2020 Time: 12:20 a.m. to 08:20 a.m.)



Authorized Signatory
Rekha Dare(QM&TM)

Prepared By
Riddhi Kalathiya(Chemist)

NOA NO: MHN/MM/HSE/CONTRACT/225/2017-18/9010028908

Analysis Report Of Ambient Air Monitoring For The Month of September-2020

To,

M/s Oil & Natural Gas Corporation Ltd.

Rig M-750-II Well No-BLQH, Dist: Mehsana.

Report Date: 26/09/2020

Report No.: 32/20/09/05

Sample location	: Rig M-750-II Well No-BLQH	Ambient Tem(Max) °C	: 35
Sample collected Date	: 21/09/2020 to 22/09/2020	Ambient Tem(Min) °C	: 27
Lab ID Code	: 32/LB/20/AM	Humidity (%)	: 61.9
Sampling Time	: 24 hr	Average Wind Speed (Km/hr)	: 10.8
Purpose	: Environment Monitoring	Wind Direction	: NW-SE

RESULT TABLE

SR. NO.	PARAMETER	UNIT	GPCB LIMIT	RESULT			Average	TEST METHOD
				I	II	III		
1.	Particulate Matter PM ₁₀	µg/m ³	100	48.9	58.7	35.1	47.5	IS 5182 (PART 23) 2006
2.	Particulate Matter PM _{2.5}	µg/m ³	60	20.1	22.9	14.0	19.0	As per CPCB Guideline
3.	Sulphur Dioxide (SO ₂)	µg/m ³	80	18.5	21.5	15.3	18.4	IS 5182 (PART-2) 2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	80	22.3	28.1	20.6	23.6	IS 5182 (PART-6) 2006
5.	Hydrocarbon (HC AsCH ₄)	µg/m ³	160	5.1	3.7	5.8	4.8	IS 5182 (PART-17) 1979
6.	Carbon Monoxide (CO)	µg/m ³	5000	1595	1670	1545	1603	IS 5182 (PART-10) 1999
7.	Hydrogen Sulphide (H ₂ S)	ppm	0.36*	BDL	BDL	BDL	BDL	IS 5182 (PART-7) 1973

* indicates as per GPCB norms. #BDL: Below Detection Limit. BDL Limit For H₂S: 0.007 ppm

Location I: Nr. Mud Tank Area

(Date: 21/09/2020 Time: 06:20 a.m. to 02:20 p.m.)

Location II: Nr. D.G. Set Area

(Date: 21/09/2020 Time: 03:35 p.m. to 11:35 p.m.)

Location III: Nr. Electrical Office Area

(Date: 22/09/2020 Time: 11:50 a.m. to 07:50 a.m.)



R. V. Dare

Authorized Signatory
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Riddhi

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