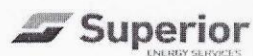




## GAS ANALYSIS REPORT



### OIL AND NATURAL GAS CORPORATION LTD.

Superior Energy Services Pvt Ltd Laboratory,

Nagayalanka GGS.

No.SES/NGL/REC/GC/24-25

Report Date: 24.03.2024.

### GAS ANALYSIS REPORT

Test Report No	:	SES/NGL/GC/24-25
Lab SI No	:	GC-A100/24-25
Type of Sample	:	Installation
<u>Sample Details</u>		
Source	:	Nagayalanka GGS
Sampling Point	:	HP Scrubber out let
Date and Time of collection	:	24-MAR-2024.11:30 Hrs.
Collected by	:	Lab chemist
Date of receipt in lab	:	24-MAR-2024

#### Analytical Data (Composition in Mole %)

Nitrogen	:	2.94
Hydrogen	:	0.00
Methane	:	67.11
Carbon dioxide	:	3.65
Ethane	:	13.10
Propane	:	4.39
i-Butane	:	3.82
n-Butane	:	3.28



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i-Pentane	:	0.41
n-Pentane	:	0.76
Hexanes	:	0.52
Heptanes	:	0.01
Octanes	:	0.01
Nonanes	:	0.00
Decanes	:	0.00

### Physical Properties at 5 Deg C and 14.696 psi (ISO 6976)

Compressibility Factor (Z)	:	0.99690
Real relative density	:	0.72363
Calorific Value (Kcal)/M <sup>3</sup>	:	9902.10
Gross Calorific Value (Kcal)/M <sup>3</sup>	:	10780.20

### H<sub>2</sub>S Analysis Report(ppm) with Gas Alert Max XT Detector

HP Scrubber U/S (H<sub>2</sub>S) : 16 ppm

### H<sub>2</sub>S Analysis Report(ppm) with Honeywell Dragger tube model no-LP-1200 (0-20 ppm range)

HP Scrubber D/S (H<sub>2</sub>S) : 02 ppm

J. DATTA  
Lab Chemist  
24/03/24

ONGC  
Shift In charge  
Nagayalanka EPS  
ONGC, Vedanta  
SV Project

Superior Energy Service India Limited.

OIL AND NATURAL GAS CORPORATION LTD