

Oil and Natural Gas Corporation Limited



Regional Laboratory

ONGC CBM Asset

1st floor, HSCL Building Nayamore

Bokaro Steel City-827001

Gas Analysis Report of QPS-Parbatpur

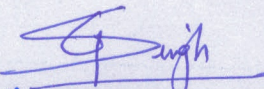
Report No. BKRO/RL/GAS/232/23-24

Dated: 29.02.2024

Sl. No→	Unit	
Sample ID No.		BKRO/RL/GAS/QPS-Parbatpur/232/23-24
Source		Gas Delivery Point at Parbatpur
Date of Collection		27.02.2024
Collected By		Kumar Gourav, Chemist
Date of receipt in Lab		27.02.2024
Pressure at the point	Kg/cm ²	1.0
C ₁	% v/v	97.42
C ₂	"	0.33
C ₃	"	Nil
iC ₄	"	Nil
nC ₄	"	Nil
iC ₅	"	Nil
nC ₅	"	Nil
CO ₂	"	1.71
N ₂	"	0.54
He	"	Nil
H ₂	"	Nil
Real Net Calorific Value	KCal/SCM	7997.92
Real Gross Calorific Value	KCal/SCM	8882.44
Real Specific Gravity	-	0.5752
Molar Mass	g/mol	16.63
Compressibility Factor (15 °C/101.325 KPa)	-	0.9979
Wobbe Index(15 °C/101.325 KPa)	KCal/SCM	11711.38

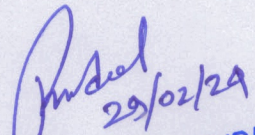
Results/Comments

- Results reported on Air free basis
- Analyzed as per ISO 6974.3 and Calorific value calculation done as per ISO 6976.

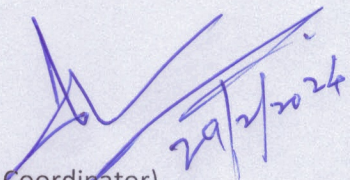

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Distribution:

1. GGM (P)-Surface Manager, CBM Asset, 1st floor, HSCL Building, Bokaro Steel City-827001
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29/02/24
(Project Leader)

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