

Name of Organization	Bidder 1
Name of Contact Person	
Email Id	
Mobile Number	
RFP No.	ONGC/RFP/CBM/NK/05

Pre Bid Query				
S.No	RFQ/GSA	Relevant RFQ/GSPA Section	Query	Reply
1	RFP	Biddable parameters:  Gas Price (in USD/MMBTU rounded off to 2 decimals) shall be the higher of: (a) Reserve Gas Price + 'P'; and (b) the Floor Price (Domestic Natural Gas Price + USD	(a) Reserve Price may be kept as 11% of dated Brent instead of 12% dated Brent. (b) Floor Price is almost close to Reserve Price and not a constant. Hence, it is requested to remove mark up of \$1 and P in Floor Price and consider Floor Price as APM	Not agreed
2	RFP	Price Formula	Similar to Floor Price (for protecting interest of the Seller), a Ceiling Price (for protecting interest of Buyer) may be kept . The Ceiling price may be considered upto 14% of Average Brent Price inline considering the Current market conditions. If it is not	Not agreed
3	RFP	The minimum increment ticker size for the price bid shall be USD 0.1/MMBTU	Price ticker size may be considered as \$0.05/MMBtu in line with the industry	Not agreed
4	GSA/RFP	Excise Duty	During the pre-bid meeting, it was informed that Buyer to bear excise duty on the compressor charges. However, there is no mentioning of applicability of the Compressor charges and Excise Duty in RFP/GSA. In the pre-bid meeting it was told that Buyer to bear excise duty of the compression charges. (i) as Seller is selling gas at the delivery point, Excise duty may not be charged (preferred). (ii) if it is chargeable, it is not clear whether excise duty will be charged on compressor charges only or entire gas price, this may be clarified. if it is charged on only compressor charges, then please mention compression charges details in the GSA/RFP. If Gas is used by Buyer in PNG Segment, provision to set-off Excise duty may be kept, since PNG is exempt from Excise. (iii) a sample delivered gas price calculation sheet including all the parameters with applicable taxes may be provided for better understanding.	(i) As per current RFP condition, Excise Duty shall be recovered from the Buyer. (ii) In the present case, since the compression is in range of 200-250 kg/cm2 which would tantamount to manufacture of CNG in terms of CBIC circular F. no. B.1/3/2001-TRU dated 21.05.2001. Therefore, in the given case even if proposed decompression happens after clearance from our factory, the excise duty will become payable and same would be recoverable from the buyer. (iii) Sample Calculation for delivered cost is attached herewith
5	RFP	Certificates / Documents to be submitted	GAIL, being Maharatna PSU, periodically publishes their financial statements, shareholding details and other information	(g) may not be submitted by GAIL. (a) (b) and (c) are required
6	RFP	(f) Forfeiture of Security Deposit:  C. Non-signing of GSA within 15 business days of issuance of NOA or on a mutually agreed time period within 45 days upon issuance of NOA.  G. On non-submission of valid bid during the first bid period.	(a) As the gas Start Date is not immediate, signing of GSA may be allowed within 45 days of issuance of NOA. (b) Forfeiture of SD for non submission of valid first bid is not fair. After submission of Technical documents, buyer may be allowed to decide on participation in the e-Auction. Hence, it is not appropriate to force the Buyer to place a valid and binding first bid.	Not agreed
7	RFP	Security Deposit (SD)  5.2.2. Bidders shall be required to separately courier/ submit the original security deposit to the below mentioned address of the Empanelled Agency's office within 3 (three) days of the last date for bid submission as indicated in Clause 7.1.  5.2.3 (a) Unconditional irrevocable E-BG	As discussed with our Banker, there will no physical copy in case of E-BG through NeSL. As per Clause 5.2.2, Bidders shall be required to send/submit the SD at Empanelled Agency Office. However, in case of E-BG the same is not possible. Kindly clarify.	Soft Copy of E-BG may be submitted by e-mail. As sometimes, E-BGs are not reflected in our system. Hard copies need not to be submitted for E-BG cases

8	RFP	<p>To, -----, ONGC, -----, -----</p> <p>Dear Sir, 1. Whereas Oil and Natural Gas Corporation Ltd. Incorporated under the Companies Act, 1956, having its registered office at Deendayal Urja Bhawan, 5 Nelson Mandela Marg, Vasant Kunj New Delhi 110070 and one of its offices at ONGC, _____ Asset, _____, Dist.: _____, _____(State) Pin – _____(hereinafter called ONGC' which expression shall unless repugnant to the context or meaning thereof include all</p>	The blanks in the SD Format pertains to ONGC. May kindly specify.	<p>To, <b>Asset Manager,</b> <b>ONGC, CBM Asset,</b> <b>1st Floor, HSCL Building,</b> <b>Bokaro, Jharkhand</b> <b>PIN-827001</b> -----</p> <p>Dear Sir, 1. Whereas Oil and Natural Gas Corporation Ltd. Incorporated under the Companies Act, 1956, having its registered office at Deendayal Urja Bhawan, 5 Nelson Mandela Marg, Vasant Kunj New Delhi 110070 and one of its offices at <b>ONGC, CBM Asset</b></p>
9	RFP	This guarantee shall be irrevocable and without recourse and shall remain in force up to _____, and any demand in	Kinldy provide validity of SD date to bementioned in Appendix-5	As mentioned in clause 5.2.3.(b), SD should be valid atleast 1 year from date of NIO.
10	RFP	Power of Attorney / Board Resolution in the name of the authorized representative of the Bidder.	GAIL (India) Limited has Board approved Delegation of Powers (DoP) empowering executives to inter alia carry out sale /purchase transactions of natural gas etc. Accordingly, GAIL can submit PoA for its	Agreed
11	GSA	<p>4.1. "Commissioning Period" shall mean the period beginning from the Effective Date and ending on the Start Date.</p> <p>4.4 Buyer's Conditions Precedent: (a) Buyer shall complete the setting up and commissioning of the Buyer's Facilities including making cascades ready, within 90 days from the date of issuance of Notification of Award (NoA) pursuant to RFP Process. (b) Buyer will provide the Seller(s) with an</p>	Since the field is not connected with pipeline, Buyer has to make arrangements to transport the gas through Cascades or other modes of transport. It may not be feasible to make necessary arragnement within 90 days from date of NOA. Start Date may be considered upto 210 days from issuance of NOA.. Accordingly, Commissioning Period be extended upto 210 days from issuance of NOA.	not agreed, as gas supply has already commenced from the facility through cascades.
12	GSA	<p>Security</p> <p>17.1. No later than 30 days prior to the Start Date, Buyer shall provide the Sellers' Representative with an irrevocable letter of credit issued in favour of the Sellers and</p>	"17.1. No later than <del>30 days</del> (7 days may be considered) prior to the Start Date, Buyer shall provide the Sellers' Representative with an irrevocable letter of credit issued in favour of the Sellers and Sellers' Representative by a scheduled bank in India	7 days is too short from Sellers to check and verify LC details / amount / format etc. Therefore LC as required in GSA to be submitted.
13	GSA	"Gas Price Ceiling" means the ceiling price of domestic natural gas as notified by Petroleum Planning and Analysis Cell (PPAC) or any other authority as appointed	There is no mention of any type of HPHT Ceiling Price in the pricing formula. Kindly clarify is there any Ceiling Price also applicable in the price formula. If not	There is no ceiling price applicable
14	GSA	In each Contract Quarter, Buyer shall be obliged to take and pay for, or pay for if not taken, a quantity of Gas at least equal to 70% (seventy percent) of the Quarterly	As the Gas to be transported through LCVs and considering logistic issues and different consumption patterns in GAs , it is requested to consider ToP 70% annually instead of	not agreed
15	GSA	Make up gas will be supplied subject to availability of the Gas.	(a) "subject to availability of the Gas" phrase may be deleted, as the gas is supplied to Buyer on Take or Pay basis.	Not agreed, since the make up gas requirement of buyer is in future
16	GSA	Buyer may designate up to an aggregate of 20 (twenty) days of Planned Maintenance on Buyer's Facilities during each Contract	Buyer may be designated up to an aggregate of 30 days of Planned Maintenance on Buyer's Facilities during each Contract Year	Not agreed, as aggregate of 20 maintenance days is in sync with the ongoing contract of hired gas
17	GSA	Force Majeure	<p>(a)The condition at 15.1 (h) &amp; (i) may be deleted.</p> <p>(b)Further, GAILbeing a Central PSU, the provision of 15.2.(vi) may deleted.</p> <p>(c) It is understood that LCV to travel around 2Km. Distance through a narrow</p>	Not agreed
18	GSA	Interest on overdue payments	Interest may be charged on simple interest	Not agreed
19	GSA	Gas usage	GAIL may use the gas for resale and end consumption including reslae in GAIL's CGD - GAs. In view of the same, GSA (5.(c)) may be	Not agreed. Clause 5c (A), (B), (C ) & (D) and 5d may be read together.
20	GSA	Quality	Deployment of Online Analyser for Quality(Report) may be considered at	Not agreed
21	GSA	Delivered basis supply	If possible, Gas Supply on Delivered basis by	Not agreed

22	GSA	Compressor related.	As per the discussions during the pre-bid meeting, Capacity of Existing Gas Compressor to cater to Multiple LCV Loading at Filling point, to reduce waiting time may	Adequate capacity for Compression, loading arm, etc. exists for loading of 25,000 SCMD gas in Cascades on Round the Clock basis. Scheduling of cascades
23	GSA	Filling and waiting time related.	Seller may specify/ confirm waiting time of LCV not more than 30 minutes and filling time not exceeding 45 minutes per LCV. In case of default, ToP Not applicable on Buyer for that quantity.	Adequate capacity for Compression, loading arm, etc. exists for loading of 25,000 SCMD gas in Cascades on Round the Clock basis. Scheduling of cascades for loading on 24 X 7 basis will be done by the Operator to avoid waiting of
24	GSA	Seller's Conditions Precedent	Seller Condition Precedent to include - Adequate Capacity/Nos. of Compressors and LCV Filling Points to cater to the demand/off-take by Multiple Buyers within timeliens as specified above.	Adequate capacity for Compression, loading arm, etc. exists for loading of 25,000 SCMD gas in Cascades on Round the Clock basis. Scheduling of cascades for loading on 24 X 7 basis will be done by the Operator to avoid waiting of
25	GSA	Term of the contract	Term is for 3 years and when Pipeline is ready, then it is not prudent to compress gas to 240Kg/cm2 and transport it through cascades for 1/2/3 years. Hence, Provision may be kept to take Gas Delivery through Pipeline, during the Contract Period as and when connectivity established , without an	Not Agreed
26	GSA	Seller's failure to deliver gas and liquidated damages	In case, seller fails to delivery gas due compressor constraints or for whatsoever reasons, the same may be excluded from ToP obligation quantities. Further, in case Buyer arranges alternate gas in case of	Not agreed
27	GSA	Biliing Cycle	7 Days Billing Cycle with reduced LC i.e. for	Not agreed
28	GSA	ToP	During Period between Start Date and Long Stop Date(45 days) , TOP may not be	Not agreed, applicable only when Buyer has not fulfilled buyer's condition
29	GSA	Payments	All payments for CBM Gas may be allowed to be made as a Single Payment by the	Agreed
30	GSA	Priority of gas offtake under multiple CBM contract at the Delivery Point	In case, Buyer has more than one CBM contract with Seller for North Karanpura CBM gas, Buyer may be allowed to inform the contract-wise fortnightly billing quantities. Accordinlgy, a provision may be	Prorata supply and pricing would be done.  In case of more than one contract for CBM gas from the same field, the
31	GSA	Recovery Period	In case, Seller fails to deliver balance make up gas, then the balance Take or Pay	Not agreed
32	RFP	Activity Schedule	Extending Bid Submission date till 1st July 2025, to provide the Buyer, time to evaluate	The last date of bid submission has been extended to 20.06.2025 from

Name of Organization	Bidder 2
Name of Contact Person	
Email Id	
Mobile Number	
RFP No.	ONGC/RFP/CBM/NK/05

Pre Bid Query				
SIno	RFP Section No	Relevant RFQ Section	Query	Reply
1	RFP Clause 3.1. (iii)	Price	Suggestion to include Cap on the gas price and exclude the 1 USD/MMBTU component from the Floor price as the same is taken care of by the bid component "P".	Not agreed. Component "P" is in increment of US\$ 0.1/MMBtu.
2	RFP	Connectivity	Pipeline connectivity for transporting the gas to Gujarat	North Karanpura field is currently not connected to pipeline. Buyer has to make own arrangement for transportation of cascade-ready CBM gas from North Karanpura.
3	RFP	Taxation	State Vat rate to be charged.	The Jharkhand state VAT rate on CBM Gas is 14%

Name of Organization	Bidder 3
Name of Contact Person	
Email Id	
Mobile Number	
RFP No.	ONGC/RFP/CBM/NK/05

Pre Bid Query				
S/no	RFP Section No	Relevant RFQ Section	Query	Reply
1	RFP Clause 3.1. (iii)	Price	<p>It is proposed that, looking at current market condition and tender conditions, following Gas Price Formula is proposed (inline with previous RFP issued for said Field) -</p> <p>In previous RFP, Reserve Gas Price = Domestic Gas Price</p>	<p>Not agreed, Contention of GSPC that Reserve Gas price was equal to domestic gas price in previous tender is incorrect.</p> <p>Further, the price in the current tender will remain as mentioned in RFP.</p>
2	RFP	Connectivity	<p>ONGC is requested to share the details, whether this field is connected to Pipeline or Successful Buyer has to arrange its own transportation.</p> <p>If, this field is connected to the pipeline then request you to share details of the pipeline and delivery point parameters.</p>	<p>North Karanpura field is currently not connected to pipeline. Buyer has to make own arrangement for transportation of cascade-ready CBM gas from North Karanpura.</p>
3	RFP	Contract	<p>ONGC is requested to share the details of the existing buyers from the field their mode of transportation of gas from the delivery point of the field.</p>	<p>Existing Buyer details cannot be shared due to confidential reasons. All existing buyers are taking gas through cascades.</p>
4	RFP	Contract	<p>ONGC is requested to share the average of gas produced (in SCM) from the field for the month of Mar'25-May'25 (individually) and maximum variation on any given day from the mean for last 3 months.</p>	<p>It is informed that sellers readiness for gas supply quantity is immediate. Buyers are given 90 day option from the date of NoA, for their readiness.</p>
5	GSA Schedule 3	Gas Quality Specifications	<p>It is requested to share last three (3) Gas Sampling Report obtained from Independent agencies.</p>	<p>Latest gas sampling report will be uploaded on the bidding portal.</p>

Name of Organization	bidder 4
Name of Contact	
Email Id	
Mobile Number	
RFP No.	ONGC/RFP/CBM/NK/05

Pre Bid Query				
Slno	RFP Section No	Relevant RFQ Section	Query	Reply
1	RFP Clause 3.1. (iii)	Price	The revised offer indicates that excise duty is to be borne by the buyer, which was not the case in earlier agreements. This change significantly impacts the cost structure and needs reconsideration. The gas pricing has also been revised from 11% to 12% of dated Brent, further escalating the cost. It is requested to have contract conditions same as earlier CBM contract so that even if we get allocation in this bidding, CBM rate will not change, which will be easier to handle else if One party bags contract of CBM in this bidding and already taking CBM in earlier bidding, how gas will be prioritise on daily basis.	Not agreed, for change in pricing conditions.  Prorata supply and pricing would be done. In case of more than one contract for CBM gas from the same field, the nominations of quantities under each contract shall be governed by terms of respective GSAs.
2	GSA	Quality	There is no provision of online valid gas quality certification. IOCL suggested deployment of online Gas Chromatography, considering the high future dependence on CBM and the potential for increased production as CNG customer is quality sensitive and all our offtake is for CNG stations. Kindly reply how it will be addressed.	Not agreed
3	GSA	Filling and waiting time related.	Is there provision for 24 *7 offtake and smooth vehicle transportation arrangement like road widening etc as offtake location is quite interior?	Information solely regarding the availability of gas volumes within NK JV facilities can be provided, we are not in a position to comment on facilities beyond our control.
4	GSA	Compressor related.	There is only one 1150 SCMH Gas based compressor. The offered facility appears to lack sufficient compression capacity to handle a cumulative load of 25,000 SCMD, which may lead to delays in LCV filling. This may cause CNG operational disruptions in our GA. Kindly provide plan to address the concern.	Adequate capacity for Compression, loading arm, etc. exists for loading of 25,000 SCMD gas in Cascades on Round the Clock basis. Scheduling of cascades for loading on 24 X 7 basis will be done by the Operator to avoid waiting of cascades. Filling time of cascades will depend upon the capacity of cascades deployed by the gas buyer(s).

Particulars	Ref	USD/MMBTU	Remarks
Contract Sale Price as per Pricing Formula	A	8.29	Indicative price of June 2025
Compression Charges	B	2.35	Indicative
TOTAL	C =A+B	10.64	
Excise Duty @ 14% on C	D=C*14%	1.49	
Base for Sales Tax	E = C+D	12.13	
VAT 14% on E	F=E*14%	1.70	
<b>Delivered Gas price</b>	<b>G= E + F</b>	<b>13.83</b>	





# Test Report THN25-04614.001-A

ULR No: TC684225000013964F

Issue Date: 29-May-2025

Customer Name: PRABHA ENERGY PRIVATE LIMITED

Customer Address: 4TH FLOOR, RISHABH COMPLEX,  
ASHOK NAGAR

Ranchi 834002

INDIA

## Customer Provided Information

Product Description: Natural Gas  
Customer Reference: WO NO.PWORD/2425/1125  
Customer ID: CBM GAS - NK #06 AFTER JDU  
Sample Source: As Supplied  
Source Location: RANCHI  
Source ID: --  
Vessel: --  
Sample Type: As submitted  
Sampled: 16-May-2025  
Client Comments1: TIME : 14.40PM  
Client Comments2: PRESSURE : 12 KG/CM2  
Client Comments3: THN/OGC/008  
Client Comments4: SOURCE : WELL HEADER  
Quantity: 500 ML

## Lab Provided Information

SGS Order Number: --  
Discipline: CHEMICAL  
Group: Petroleum and Products  
Sub Group: Natural Gas  
Sampled By: Sample not drawn by the Laboratory  
Received: 23-May-2025  
Analysed: 26-May-2025  
Completed: 26-May-2025

## NABL Accredited Tests

Parameter	Method	Result	Unit
<b>Determination of Nat. Gas Composition by GC using 3 Capillary Columns</b>	ISO 6974 - Part 6		
Nitrogen (N2)		1.919	% mol
Methane (CH4)		95.278	% mol
Carbon Dioxide (CO2)		1.507	% mol
Ethane (C2H6)		1.281	% mol
Propane (C3H8)		0.015	% mol
iso-Butane (C4H10)		<0.001	% mol

Authorised Signatory

Vijay Sankpal  
Assistant Manager

## End of Test Report

20250529150606THN\_U0016138360

The sample(s) to which the findings recorded herein (the "Finding") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgsgroup.in/Service-Terms> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgsgroup.in/terms\\_e-document.htm](http://www.sgsgroup.in/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 7 days (in case of perishable items) and 30 days for all other samples from the date of issue of report. The samples from the regulatory bodies are to be retained as specified. This document cannot be reproduced, except in full, without prior written approval of the company.

Statement of conformity is based on comparison of measurement result(s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer. Measurement Uncertainty is not taken into account unless otherwise requested in writing.





# Test Report THN25-04614.001-A

ULR No: TC684225000013964F

Issue Date: 29-May-2025

Customer Name: PRABHA ENERGY PRIVATE LIMITED

Customer Address: 4TH FLOOR, RISHABH COMPLEX,  
ASHOK NAGAR

Ranchi 834002

INDIA

## Customer Provided Information

Product Description: Natural Gas  
Customer Reference: WO NO.PWORD/2425/1125  
Customer ID: CBM GAS - NK #06 AFTER JDU  
Sample Source: As Supplied  
Source Location: RANCHI  
Source ID: --  
Vessel: --  
Sample Type: As submitted  
Sampled: 16-May-2025  
Client Comments1: TIME : 14.40PM  
Client Comments2: PRESSURE : 12 KG/CM2  
Client Comments3: THN/OGC/008  
Client Comments4: SOURCE : WELL HEADER  
Quantity: 500 ML

## Lab Provided Information

SGS Order Number: --  
Discipline: CHEMICAL  
Group: Petroleum and Products  
Sub Group: Natural Gas  
Sampled By: Sample not drawn by the Laboratory  
Received: 23-May-2025  
Analysed: 26-May-2025  
Completed: 26-May-2025

## NABL Accredited Tests

Parameter	Method	Result	Unit
n-Butane (C4H10)		<0.001	% mol
iso-Pentane (C5H12)		<0.001	% mol
n-Pentane (C5H12)		<0.001	% mol
<b>Real Natural Gas - Calc. of C.V, D, R, D, W.I from Composition</b>	ISO 6976 (Real Gas)		
Relative Density		0.5836	--
Wobbe Index		48.25	MJ/m <sup>3</sup>
Inferior Calorific Value		33.20	MJ/m <sup>3</sup>

Authorised Signatory

Vijay Sankpal  
Assistant Manager

## End of Test Report

20250529150606THN\_U0016138360

The sample(s) to which the findings recorded herein (the "Finding") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgsgroup.in/Service-Terms> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgsgroup.in/terms\\_e-document.htm](http://www.sgsgroup.in/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 7 days (in case of perishable items) and 30 days for all other samples from the date of issue of report. The samples from the regulatory bodies are to be retained as specified. This document cannot be reproduced, except in full, without prior written approval of the company.

Statement of conformity is based on comparison of measurement result(s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer. Measurement Uncertainty is not taken into account unless otherwise requested in writing.

# Test Report THN25-04614.001-B

Issue Date: 29-May-2025

Customer Name: PRABHA ENERGY PRIVATE LIMITED  
Customer Address: 4TH FLOOR, RISHABH COMPLEX,  
ASHOK NAGAR  
Ranchi 834002  
INDIA

## Customer Provided Information

Product Description: Natural Gas  
Customer Reference: WO NO.PWORD/2425/1125  
Customer ID: CBM GAS - NK #06 AFTER JDU  
Sample Source: As Supplied  
Source Location: RANCHI  
Source ID: --  
Vessel: --  
Sample Type: As submitted  
Sampled: 16-May-2025  
Client Comments1: TIME : 14.40PM  
Client Comments2: PRESSURE : 12 KG/CM2  
Client Comments3: THN/OGC/008  
Client Comments4: SOURCE : WELL HEADER  
Quantity: 500 ML

## Lab Provided Information

SGS Order Number: --  
Sampled By: Sample not drawn by the Laboratory  
Received: 23-May-2025  
Analysed: 26-May-2025  
Completed: 26-May-2025

## Non-accredited Tests

Parameter	Method	Result	Unit
<b>Determination of Nat. Gas Composition by GC using 3 Capillary Columns</b>	ISO 6974 - Part 6		
Hydrogen (H <sub>2</sub> )		<0.01	% mol
Helium (He)		<0.01	% mol
<b>Real Natural Gas - Calc. of C.V, D, R, D, W.I from Composition</b>	ISO 6976 (Real Gas)		
Compressibility		0.9980	--
Apparent Molecular Weight		16.877	kg/kmol

Authorised Signatory



Vijay Sankpal  
Assistant Manager

## End of Test Report

20250529150606THN\_U0016138360

The sample(s) to which the findings recorded herein (the "Finding") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgsgroup.in/Service-Terms> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents a [www.sgsgroup.in/terms\\_e-document.htm](http://www.sgsgroup.in/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 7 days (in case of perishable items) and 30 days for all other samples from the date of issue of report. The samples from the regulatory bodies are to be retained as specified. This document cannot be reproduced, except in full, without prior written approval of the company.

Statement of conformity is based on comparison of measurement result(s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer. Measurement Uncertainty is not taken into account unless otherwise requested in writing.

# Test Report THN25-04614.001-B

Issue Date: 29-May-2025

Customer Name: PRABHA ENERGY PRIVATE LIMITED  
Customer Address: 4TH FLOOR, RISHABH COMPLEX,  
ASHOK NAGAR  
Ranchi 834002  
INDIA

## Customer Provided Information

Product Description: Natural Gas  
Customer Reference: WO NO.PWORD/2425/1125  
Customer ID: CBM GAS - NK #06 AFTER JDU  
Sample Source: As Supplied  
Source Location: RANCHI  
Source ID: --  
Vessel: --  
Sample Type: As submitted  
Sampled: 16-May-2025  
Client Comments1: TIME : 14.40PM  
Client Comments2: PRESSURE : 12 KG/CM2  
Client Comments3: THN/OGC/008  
Client Comments4: SOURCE : WELL HEADER  
Quantity: 500 ML

## Lab Provided Information

SGS Order Number: --  
Sampled By: Sample not drawn by the Laboratory  
Received: 23-May-2025  
Analysed: 26-May-2025  
Completed: 26-May-2025

## Non-accredited Tests

Parameter	Method	Result	Unit
Superior Calorific Value		36.86	MJ/m <sup>3</sup>

Authorised Signatory



Vijay Sankpal  
Assistant Manager

## End of Test Report

20250529150606THN\_U0016138360

The sample(s) to which the findings recorded herein (the "Finding") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgsgroup.in/Service-Terms> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgsgroup.in/terms\\_e-document.htm](http://www.sgsgroup.in/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 7 days (in case of perishable items) and 30 days for all other samples from the date of issue of report. The samples from the regulatory bodies are to be retained as specified. This document cannot be reproduced, except in full, without prior written approval of the company.

Statement of conformity is based on comparison of measurement result(s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer. Measurement Uncertainty is not taken into account unless otherwise requested in writing.