

# Quality And Accreditation Institute

## Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



### Certificate of Accreditation

## Quality Services & Solutions Private Limited

Vigyan Vihar Colony, Near Airport Barwadda,  
Dhanbad-826004, Jharkhand, India

has been assessed and accredited in accordance with the Standard  
**ISO/IEC 17025:2017**

“General Requirements for the Competence of Testing and Calibration Laboratories”  
In the field of  
**Testing**

This certificate remains valid for the Scope of Accreditation as specified  
in the annexure subject to continued compliance to the above standard &  
any other requirements specified by QAI.



**QAI/CIA/TL/2024/0064**

Valid from: 08 July 2024

**Dr. Bhupendra Kumar Rana**  
Chief Executive Officer

Valid until: 07 July 2026

**Prof. Vikram Kumar**  
Chair, CIA



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### Scope of Accreditation

**Quality Services & Solutions Private Limited**

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QAI/CIA/TL/2024/0064

Valid from: 08 July 2024

Valid until: 07 July 2026

Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Solid Fuels</b>		
1.	Coal	Ash % (on air dry basis)	IS 1350 -Part 1: 1984 RA-2019
2.	Coal	Equilibrated moisture % (60 RH/40°C)	IS 1350 P-I: 1984-RA-2019
3.	Coal	Gross calorific value Kcal/Kg (on air dry basis)	ASTM D 5865-19
4.	Coal	Gross calorific value Kcal/Kg (on air dry basis)	IS 1350 (P-2): 2022
5.	Coal	Moisture % (on air dry basis)	IS 1350 PART-1: 1984 RA-2019
6.	Coal	Sulphur % (on air dry basis)	IS 1350 PART-3: 1969
7.	Coal	Total moisture % (as received basis)	IS 1350 PART-1: 1984 RA 2019
8.	Coal	Volatile matter % (on air dry basis)	IS 1350 PART-1: 1984 RA-2019
9.	Coal	Fixed carbon % (on air dry basis)	IS 1350 -Part 1: 1984 RA-2019
10.	Coke	Ash % (on air dry basis)	IS 1350 P-I: 1984-RA-2019
11.	Coke	Gross calorific value Kcal/Kg (on air dry basis)	ASTM D 5865
12.	Coke	Gross calorific value Kcal/Kg (on air dry basis)	IS 1350 (P-2): 2022
13.	Coke	Moisture% (on air dry basis)	IS 1350 PART-1: 1984 RA-2019

This is annexure to 'Certificate of Accreditation' and does not require any signature.

[www.qai.org.in](http://www.qai.org.in)



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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Solid Fuels</b>		
14.	Coke	Sulphur% (on air dry basis)	IS 1350 PART-3: 1969
15.	Coke	Total moisture % (as received basis)	IS 1350 PART-1: 1984 RA 2019
16.	Coke	Volatile matter % (on air dry basis)	IS 1350 PART-1: 1984 RA-2019
17.	Coke	Fixed carbon % (on air dry basis)	IS 1350 -Part 1: 1984 RA-2019

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