

Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

QA Testing Laboratories Pvt. Ltd.

B-76, Sector-64

Noida-201301, Uttar Pradesh, 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/2024/0055

(Date of First Accreditation: 31 May 2024 – 30 May 2026)

Valid from: 31 May 2026

Valid until: 30 May 2028

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA



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Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Solid Fuels		
1.	Coal	Total moisture	IS 1350 (P-1): 2025
2.	Coal	Moisture content on as received basis (ARB)	IS 1350 (P-1): 2025
3.	Coal	Moisture content on air dried basis (ADB)	IS 1350 (P-1): 2025
4.	Coal	Moisture content on equilibrated basis (40 degree C & 60 % RH)	IS 1350 (P-1): 2025
5.	Coal	Ash content on air dried basis	IS 1350 (P-1): 2025
6.	Coal	Gross calorific value on air dried basis	IS 1350 (P-2): 2022
7.	Coal	Volatile matter on air dried basis	IS 1350 (P-1): 2025
8.	Coal	Net calorific value on air dried basis	IS 1350 (P-2): 2022
9.	Coal	Carbon	IS 1350 (P-4/S-1): 2024
10.	Coal	Hydrogen	IS 1350 (P-4/S-1): 2024
11.	Coal	Nitrogen	IS 1350 (P-4/S-2): 2025
12.	Coal	Sulphur	IS 1350 (P-3): 2022

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

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Solid Fuels		
13.	Coal	Oxygen	ASTM-D 3176:2020
14.	Coal	Phosphorus	IS 1350 (P-5): 2017
15.	Coal	Net calorific value as received basis	IS 1350 (P-2): 2022
16.	Coal	Total moisture	ASTM D 3202-02a
17.	Coal	Moisture content on as received basis (ARB)	ASTM D 3173-03
18.	Coal	Moisture content on air dried basis (ADB)	ASTM D 3173-03
19.	Coal	Ash content on air dried basis	ASTM D 3174-02
20.	Coal	Gross calorific value on air dried basis	ASTM D5865/D5865-19
21.	Coal	Volatile matter on air dried basis	ASTM D 3175-07
22.	Coal	Net calorific value on air dried basis	ASTM D5865/D5865-19
23.	Coal	Ash content (on equilibrated basis)	IS 1350 (P-1): 2025
24.	Coal	Ash Content (on equilibrated Basis)	ASTM: D3174:2020

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Solid Fuels		
25.	Coal	Ash content (as received basis)	ASTM D3174:2020
26.	Coal	Ash content (as received basis)	IS 1350 (P-1): 2025
27.	Coal	Fixed carbon	ASTM D3202/D3302M
28.	Coal	Fixed carbon	IS 1350 (P-1): 2025
29.	Coal	Gross calorific value (on equilibrated basis)	ASTM D5865/ D5865-19
30.	Coal	Gross calorific value (on equilibrated basis) 40° C & 60%	IS 1350 (P-2): 2022
31.	Coal	Gross calorific value (as received basis)	ASTM D5865/D5865-19
32.	Coal	Gross calorific value (as received basis)	IS 1350 (P-2): 2022
33.	Coal	Volatile matter on air dried basis	ASTM D 3175-07
34.	Coal	Volatile matter (as received basis)	IS 1350 (P-1): 2025
35.	Coal	Volatile matter (on equilibrated basis)	ASTM: D3175 -07
36.	Coal	Volatile matter (on equilibrated basis) 40° C & 60% RH	IS 1350 (P-1) :2025

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Solid Fuels		
37.	Coke	Ash content as air dried basis	IS 1350 (P-1): 2025
38.	Coke	Volatile matter as air dried basis	IS 1350 (P-1): 2025
39.	Coke	Gross calorific value on air dried basis	IS 1350 (P-2): 2022
40.	Coke	Ash content as received basis	IS 1350 (P-1): 2025
41.	Coke	Gross calorific value on as received basis	IS 1350 (P-2): 2022
42.	Coke	Volatile matter as received basis	IS 1350 (P-1) :2025

