

Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

QA Testing Laboratories Pvt. Ltd.

Plot No. 22, Indira Commercial Cum Residential Centre (ICRC),
Extension in front of Teg Bahadur Udyan, Ward No. 13, Transports Nagar,
Korba-495677, Chhattisgarh, 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/2024/0058

Valid from: 08 June 2024

Valid until: 07 June 2026

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA

User is advised to verify the current scope of accreditation by visiting our website: www.qai.org.in



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Scope of Accreditation

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Valid from: 08 June 2024

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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) 1984 (RA-2019)
2.	Coal	Moisture content at as received basis (ARB)	IS 1350 (P-1) 1984 (RA-2019)
3.	Coal	Moisture content at air dried basis (ADB)	IS 1350 (P-1) 1984 (RA-2019)
4.	Coal	Moisture content at equilibrated basis (40 degree C & 60 % RH)	IS 1350 (P-1) 1984 (RA-2019)
5.	Coal	Ash content on air dried basis	IS 1350 (P-1) 1984 (RA-2019)
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): 1984 (RA-2019)
8.	Coal	Net calorific value on air dried Basis	IS 1350 (P-2): 2022
9.	Coal	Net calorific value on air received basis	IS: 1350 (P-2): 2022
10.	Coal	Total moisture	ASTM D 3202-02a
11.	Coal	Moisture content at as received basis (ARB)	ASTM D 3173-03
12.	Coal	Moisture content at air dried basis (ADB)	ASTM D 3173-03
13.	Coal	Ash content on air dried basis	ASTM D 3174-02
14.	Coal	Gross calorific value on air dried basis	ASTM D 5865/D 5865-19
15.	Coal	Volatile matter on air dried basis	ASTM D 3175-07

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		
16.	Coal	Net calorific value on air dried basis	ASTM D 5865/D 5865-19
17.	Coal	Ash content (on equilibrated basis)	IS 1350 (P-1):1984 (RA-2019)
18.	Coal	Ash Content (on equilibrated Basis)	ASTM: D3174:2020
19.	Coal	Ash content (as received basis)	ASTM D3174:2020
20.	Coal	Ash content (as received basis)	IS 1350 P-1:1984 (RA-2019)
21.	Coal	Fixed carbon	ASTM D 3202/D 3302 M
22.	Coal	Fixed carbon	IS 1350 (Part - 1) 1984 (RA-2019)
23.	Coal	Gross calorific value (at equilibrated basis)	ASTM D 5865/ D 5865-19
24.	Coal	Gross calorific value (at equilibrated basis) 40 ^o C & 60%	IS 1350 (P-2): 2022
25.	Coal	Gross calorific value (as received basis)	ASTM D 5865/D 5865-19
26.	Coal	Gross calorific value (as received basis)	IS 1350 (P-2): 2022
27.	Coal	Volatile matter on air dried basis	ASTM D 3175-07
28.	Coal	Volatile matter (as received basis)	IS 1350 (P-1):1984 (RA-2019)
29.	Coal	Volatile matter (on equilibrated basis)	ASTM: D 3175 -07
30.	Coal	Volatile matter (on equilibrated basis) 40 ^o C & 60% RH	IS 1350 (P-1): 1984 (RA-2019)
31.	Coke	Moisture content at as received	IS 1350 (P-1): 1984 (RA-2019)

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Chemical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Solid Fuels		
		basis (ARB)	
32.	Coke	Ash content as air dried basis	IS 1350 (P-1) 1984 (RA-2019)
33.	Coke	Volatile matter as air dried basis	IS 1350 (Part - 1): 1984 (RA-2019)
34.	Coke	Gross calorific value on air dried basis	IS 1350 (P-2): 2022
35.	Coke	Ash content as received basis	IS 1350 (P-1) 1984 (RA-2019)
36.	Coke	Gross calorific value on as received basis	IS 1350 P-2 :2022
37.	Coke	Volatile matter as received basis	IS 1350 (P-1) :1984 (RA-2019)

