

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

Cotecna Inspection India Private Limited

Plot No-187, 1st Floor Sarbani Nursery, Jayadev Sadan Chhack Square, Paradip,
Jagatsinghpur, Sandhakud, Paradeep -754142, Odisha, 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/2024/0061

(Date of First Accreditation : 19 June 2024-18 June 2026)

Valid from: 19 June 2026

Valid until: 18 June 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 Fuel		
1.	Coal	Ash	ASTM D3174-12 (2018) e1
2.	Coal	Ash	IS 1350 (Part 1)-2025
3.	Coal	Fixed carbon	ASTM D3172-13 (2021) e1
4.	Coal	Fixed carbon	IS 1350 (Part 1)-2025
5.	Coal	Gross calorific value	ASTM D5865/ D5865M-19
6.	Coal	Gross calorific Value	IS 1350 (Part 2)- 2022
7.	Coal	Moisture in analysis sample/ Inherent moisture	ASTM D 3173/ D3173M-25
8.	Coal	Moisture in analysis sample/ Inherent moisture	IS 1350 (Part 1)-2025
9.	Coal	Total moisture	ASTM D3302/ D3302M-22a
10.	Coal	Total moisture	ASTM D2961/ D2961M-2019
11.	Coal	Total moisture	IS 1350 (Part 1)-2025
12.	Coal	Equilibrated moisture	ASTM D1412/1412M-25



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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Solid Fuel		
13.	Coal	Equilibrated moisture	IS 1350 (Part-1)-2025
14.	Coal	Total Sulphur	ASTM D4239-26
15.	Coal	Total Sulphur	IS 1350 (Part 3)- 2022
16.	Coal	Volatile matter	ASTM D 3175-20
17.	Coal	Volatile matter	IS 1350 (Part 1)-2025
18.	Coal	Free swelling Index (FSI)	ASTMD 720-25
19.	Coal	Crucible swelling number (CSN)	IS 1353 (Part-1)-2018
20.	Coke	Ash	ASTM D 3174-12 (2018) e1
21.	Coke	Ash	IS 1350 (Part 1)-2025
22.	Coke	Fixed carbon	ASTM D3172-13 (2021) e1
23.	Coke	Fixed carbon	IS 1350 (Part 1)-2025
24.	Coke	Gross calorific value	ASTM D5865/D5865M-19



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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Solid Fuel		
25.	Coke	Gross calorific value	IS 1350 (Part 2)-2022
26.	Coke	Moisture in analysis sample/ Inherent moisture	ASTM D3173/D3173M-25
27.	Coke	Moisture in analysis sample/ Inherent moisture	IS 1350 (Part 1)-2025
28.	Coke	Total moisture	IS 1350 (Part 1)-2025
29.	Coke	Total moisture	ASTM D2961/D2961M-2019
30.	Coke	Total Sulphur	ASTM D4239-26
31.	Coke	Total Sulphur	IS 1350 (Part-3)-2022
32.	Coke	Volatile matter	ASTM D3175-20
33.	Coke	Volatile matter	IS 1350 (Part 1) 2025

