

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

Cotecna Inspection India Private Limited

Plot No.4, Ground, 1st & 2nd Floor, Palyakkaran Street, Ekkattuthangal,
Chennai-600032, Tamil Nadu, 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/2024/0043

(Date of First Accreditation: 17 February 2024 - 16 February 2026)

Valid from: 17 February 2026

Valid until: 16 February 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-(P1)2025
2.	Coal	Total Moisture	ISO-589:2008
3.	Coal	Total Moisture	ASTM-D2961M-19
4.	Coal	Total Moisture	ASTM-D3302M-22a
5.	Coal	Moisture In Analysis Sample	IS -1350-(P1)2025
6.	Coal	Moisture In Analysis Sample	ISO-11722:2013
7.	Coal	Moisture In Analysis Sample	ASTM-D3173M-17a
8.	Coal	Ash	IS -1350-(P1)2025
9.	Coal	Ash	ISO-1171:2024
10.	Coal	Ash	ASTM-D3174-12(2018) e1
11.	Coal	Volatile Matter	IS -1350-(P1)2025
12.	Coal	Volatile Matter	ISO-562:2010
13.	Coal	Volatile Matter	ASTM-D3175-20
14.	Coal	Fixed Carbon	IS -1350-(P1)2025
15.	Coal	Fixed Carbon	ISO-17246:2024

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

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1 of 5

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Solid Fuels		
16.	Coal	Fixed Carbon	ASTM-D3172-13 (2021) e1
17.	Coal	Equilibrium Moisture	IS -1350-(P1)2025
18.	Coal	Equilibrium Moisture	ASTM -D1412M-20
19.	Coal	Gross Calorific Value (GCV)	IS 1350 P-2-2022
20.	Coal	Gross Calorific Value (GCV)	ISO-1928:2020
21.	Coal	Gross Calorific Value (GCV)	ASTM-D5865M-19
22.	Coal	Total Sulphur	IS 1350 -P3-2022
23.	Coal	Total Sulphur	ISO 19579:2006
24.	Coal	Total Sulphur	ASTM-D4239-18e1
25.	Coal	Hardgrove Grindability Index (HGI)	IS-4433:1979 (RA2020)
26.	Coal	Hardgrove Grindability Index (HGI)	ISO -5074:2015
27.	Coal	Hardgrove Grindability Index (HGI)	ASTM-D409M-16
28.	Coal	Phosphorus (P)	IS -1350 P 5-2017
29.	Coke	Total Moisture	IS 1350 P-1:2025
30.	Coke	Total Moisture	ISO 579-2013

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2 of 5

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Solid Fuels		
31.	Coke	Moisture in Analysis Sample	IS 1350 P-1:2025
32.	Coke	Moisture in Analysis Sample	ISO-687:2024
33.	Coke	Moisture in Analysis Sample	ASTM-D3173M-17a
34.	Coke	Ash	IS 1350 P-1:2025
35.	Coke	Ash	ISO 1171:2024
36.	Coke	Ash	ASTM-D3174-12(2018) e1
37.	Coke	Volatile Matter	IS 1350 P-1:2025
38.	Coke	Volatile Matter	ISO 562:2010
39.	Coke	Volatile Matter	ASTM D3175-20
40.	Coke	Fixed Carbon	IS 1350 P-1:2025
41.	Coke	Fixed Carbon	ISO 17246:2024
42.	Coke	Fixed Carbon	ASTM-D3172-13(2021) e1
43.	Coke	Gross Calorific Value (GCV)	IS 1350 P-2-2022
44.	COKE	Gross Calorific Value (GCV)	ISO 1928:2020
45.	COKE	Gross Calorific Value (GCV)	ASTM-D5865M-19

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3 of 5

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Solid Fuels		
46.	COKE	Total Sulphur	IS 1350 P-3-2022
47.	COKE	Total Sulphur	ISO 19579:2006
48.	COKE	Total Sulphur	ASTM-D4239-18e1
49.	Pet Coke	Total Moisture	IS 1448 (P:132):2018
50.	Pet Coke	Total Moisture	ASTM-D4931-23
51.	Pet Coke	Moisture in Analysis Sample	IS 1448 (P:132):2018
52.	Pet Coke	Moisture in Analysis Sample	ASTM-3173M-17a
53.	Pet Coke	Ash	IS 1448 (P:126):2023
54.	Pet Coke	Ash	ASTM-4422-19
55.	Pet Coke	Volatile Matter	IS-1448 (P:134):2018
56.	Pet Coke	Volatile Matter	ASTM-6374-22
57.	Pet Coke	Fixed Carbon	ASTM-3172-13(2021) e1
58.	Pet Coke	Gross Calorific Value (GCV)	IS 1350 P2-2022
59.	Pet Coke	Gross Calorific Value (GCV)	ASTM-5865M-19
60.	Pet Coke	Sulphur	IS 1448 (P:33):2021

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4 of 5

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Solid Fuels		
61.	Pet Coke	Sulphur	ASTM 4239-18e1
62.	Pet Coke	Hardgrove Grindability Index (HGI)	IS 4433: 1979 (RA2020)
63.	Pet Coke	Hardgrove Grindability Index (HGI)	ASTM-D5003M-23

