

# Quality And Accreditation Institute

## Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



## Certificate of Accreditation

### **Cotecna Inspection India Private Limited**

Plot No-187, Sarbani Nursery, 1<sup>st</sup> Floor, Jayadev Sadan Chhach Square, Paradeep Port,  
Jagatsinghpur-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**

Valid from: 19 June 2024

Valid until: 18 June 2026

A handwritten signature in black ink, appearing to read 'Dr. Bhupendra Kumar Rana'.

A handwritten signature in black ink, appearing to read 'Prof. Vikram Kumar'.

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

**Prof. Vikram Kumar**  
Chair, CIA



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### Scope of Accreditation

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QAI/CIA/TL/2024/0061

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Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Solid Fuel</b>		
1.	Coal	Ash	ASTM D 3174:12 (2018)
2.	Coal	Ash	IS 1350 (Part 1): 1984 RA 2019
3.	Coal	Crucible swelling number (CSN)	IS 1353 (Part-1)-2018
4.	Coal	Equilibrated moisture	ASTM D1412-18
5.	Coal	Equilibrated moisture	IS 1350 (Part-1)-1984 RA 2019
6.	Coal	Fixed carbon	ASTM D 3172:13 (2021)
7.	Coal	Fixed carbon	IS 1350 (Part 1): 1984 RA 2019
8.	Coal	Gross calorific value	ASTM D 5865/ D 5865 M:19
9.	Coal	Gross calorific Value	IS 1350 (Part 2): 2022
10.	Coal	Moisture in analysis sample/ Inherent moisture	ASTM D 3173/ D 3173M:17a
11.	Coal	Moisture in analysis sample/ Inherent moisture	IS 1350 (Part 1): 1984 RA 2019
12.	Coal	Total moisture	ASTM D 3302/ D 3302 M:22a
13.	Coal	Total moisture	ASTM D 2961/ D 2961 M-19
14.	Coal	Total moisture	IS 1350 (Part 1): 1984 RA 2019
15.	Coal	Total sulphur	ASTM D4239-18
16.	Coal	Total sulphur	IS 1350 (Part 3): 2022
17.	Coal	Volatile matter	ASTM D 3175:20
18.	Coal	Volatile matter	IS 1350 (Part 1): 1984 RA2019
19.	Coke	Ash	ASTM D 3174:12 (2018)
20.	Coke	Ash	IS 1350 (Part 1):1984 RA 2019
21.	Coke	Fixed carbon	ASTM D 3172:13 (2021)
22.	Coke	Fixed carbon	IS 1350 (Part 1):1984 RA 2019
23.	Coke	Gross calorific value	ASTM D 5865/D 5865 M-19
24.	Coke	Gross calorific value	IS 1350 (Part 2):2022



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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Solid Fuel</b>		
25.	Coke	Moisture in analysis sample/ Inherent moisture	ASTM D 3173/D 3173M:17a
26.	Coke	Moisture in analysis sample/ Inherent moisture	IS 1350 (Part 1):1984 RA 2019
27.	Coke	Total moisture	IS 1350 (Part 1):1984 RA 2019
28.	Coke	Total sulphur	ASTM D4239-18
29.	Coke	Total sulphur	IS 1350 (Part-3)-2022
30.	Coke	Volatile matter	ASTM D 3175:20
31.	Coke	Volatile matter	IS 1350 (Part 1) 1984

