

# 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**

Valid from: 31 May 2024

Valid until: 30 May 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](http://www.qai.org.in)



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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 Fuels</b>          |  |                                  |
| 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-29)       |
| 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) (RA-2022)          |
| 7.               | Coal                        | Volatile matter on air dried basis                             | IS 1350 (P-1): 1984(RA-2019)     |
| 8.               | Coal                        | Net calorific value on air dried                               | IS 1350 (P-2) (RA-2022)          |
| 9.               | Coal                        | Carbon   | IS 1350 (P-4/S-1) 1984 (RA-2024) |
| 10.              | Coal                        | Hydrogen   | IS 1350 (P-4/S-1) 1984 (RA-2024) |
| 11.              | Coal                        | Nitrogen   | IS 1350 (P-4/S-2) 1984 (RA-2024) |
| 12.              | Coal                        | Sulphur  | IS 1350 (P-3) 1984 (RA-2022)     |
| 13.              | Coal                        | Oxygen   | ASTM-D 3176:2020                 |
| 14.              | Coal                        | Phosphorus   | IS: 1350 (P-5) 1984 (RA-2017)    |
| 15.              | Coal                        | Net calorific value on air dried basis                         | IS: 1350 (P-2) (RA-2017)         |
| 16.              | Coal                        | Total moisture   | ASTM D 3202-02a                  |
| 17.              | Coal                        | Moisture content at as received basis (ARB)                    | ASTM D 3173-03                   |

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| Sl. No.          | Product(s)/Material of Test | Specific Tests Performed  | Test Method                |
|                  | <b>Solid Fuels</b>          |   |                            |
| 18.              | Coal                        | Moisture content at 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-1:1984           |
| 24.              | Coal                        | Ash Content (on equilibrated Basis)                                   | ASTM: D3174:2020           |
| 25.              | Coal                        | Ash content (as received basis)                                       | ASTM D3174:2020            |
| 26.              | Coal                        | Ash content (as received basis)                                       | IS 1350 P-1:1984           |
| 27.              | Coal                        | Fixed carbon  | ASTM D3202/D3302M          |
| 28.              | Coal                        | Fixed carbon  | IS 1350 (Part - 1)         |
| 29.              | Coal                        | Gross calorific value (at equilibrated basis)                         | ASTM D5865/ D5865-19       |
| 30.              | Coal                        | Gross calorific value (at equilibrated basis) 40 <sup>o</sup> C & 60% | IS 1350 PART-2 (RA-2017)   |
| 31.              | Coal                        | Gross calorific value (as received basis)                             | ASTM D5865/D5865-19        |
| 32.              | Coal                        | Gross calorific value (as received basis)                             | IS 1350 (Part-2) (RA-2017) |
| 33.              | Coal                        | Volatile matter on air dried basis                                    | ASTM :D 3175-07            |

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|                  | <b>Solid Fuels</b>          |  |                              |
| 34.              | Coal                        | Volatile matter (as received basis)                    | IS 1350 PART-1:1984          |
| 35.              | Coal                        | Volatile matter (on equilibrated basis)                | ASTM: D3175 -07              |
| 36.              | Coal                        | Volatile matter (on equilibrated basis) 40° C & 60% RH | IS 1350 (Part-1) :1984       |
| 37.              | Coke                        | Ash content as air dried basis                         | IS 1350 (P-1) 1984 (RA-2013) |
| 38.              | Coke                        | Volatile matter as air dried basis                     | IS 1350 (Part - 1): 1984     |
| 39.              | Coke                        | Gross calorific value on air dried basis               | IS 1350 (P-2) (RA-2017)      |
| 40.              | Coke                        | Ash content as received basis                          | IS 1350 (P-1) 1984 (RA-2013) |
| 41.              | Coke                        | Gross calorific value on as received basis             | IS 1350 P-2 (RA-2017)        |
| 42.              | Coke                        | Volatile matter as received basis                      | IS 1350 (Part-1) :1984       |

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