National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : LEON INSPECTION & TESTING INDIA PRIVATE LIMITED, PLOT NO-32, SECTOR 10/C,KUTCH, GANDHIDHAM, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8365 **Page No** 1 of 3

Validity 07/03/2023 to 06/03/2025 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- ORES & MINERALS	Bauxite	Aluminium Oxide (Al2O3)	IS 2000 (Part 3)
2	CHEMICAL- ORES & MINERALS	Bauxite	Ferric Oxide (Fe2O3)	IS 2000 (Part 4)
3	CHEMICAL- ORES & MINERALS	Bauxite	Loss On Ignition (LOI)	IS 2000 (Part 1)
4	CHEMICAL- ORES & MINERALS	Bauxite	Phosphorus Pentoxide (P2O5)	IS 2000 (Part 7)
5	CHEMICAL- ORES & MINERALS	Bauxite	Silicon Dioxide (SiO2)	IS 2000 (Part 2)
6	CHEMICAL- SOLID FUELS	Coal	Ash	ASTM D3174
7	CHEMICAL- SOLID FUELS	Coal	Ash	IS 1350 (Part 1)
8	CHEMICAL- SOLID FUELS	Coal	Ash	ISO 1171
9	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	ASTM D3172
10	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	IS 1350 (Part 1)
11	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	ISO 17246
12	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value (GCV)	ASTM D5865
13	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value (GCV)	IS 1350 (Part 2)
14	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value (GCV)	ISO 1928
15	CHEMICAL- SOLID FUELS	Coal	Hard Grove Grindability Index (HGI)	ASTM D409M
16	CHEMICAL- SOLID FUELS	Coal	Hard Grove Grindability Index (HGI)	IS 4433
17	CHEMICAL- SOLID FUELS	Coal	Hard Grove Grindability Index (HGI)	ISO 5074
18	CHEMICAL- SOLID FUELS	Coal	Moisture in Analysis Sample (MAS)	ASTM D3173M
19	CHEMICAL- SOLID FUELS	Coal	Moisture in Analysis Sample (MAS)	IS 1350 (Part 1)
20	CHEMICAL- SOLID FUELS	Coal	Moisture in Analysis Sample (MAS)	ISO 11722
21	CHEMICAL- SOLID FUELS	Coal	Sulphur (S)	ASTM D4239
22	CHEMICAL- SOLID FUELS	Coal	Sulphur (S)	IS 1350 (Part 3)
23	CHEMICAL- SOLID FUELS	Coal	Sulphur (S)	ISO 19579

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Certificate Number TC-8365 **Page No** 2 of 3

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24	CHEMICAL- SOLID FUELS	Coal	Total Moisture (TM)	ASTM D2961
25	CHEMICAL- SOLID FUELS	Coal	Total Moisture (TM)	ASTM D3302
26	CHEMICAL- SOLID FUELS	Coal	Total Moisture (TM)	IS 1350 (Part 1)
27	CHEMICAL- SOLID FUELS	Coal	Total Moisture (TM)	ISO 589
28	CHEMICAL- SOLID FUELS	Coal	Volatile Matter (VM)	ASTM D3175
29	CHEMICAL- SOLID FUELS	Coal	Volatile Matter (VM)	IS 1350 (Part 1)
30	CHEMICAL- SOLID FUELS	Coal	Volatile Matter (VM)	ISO 562
31	CHEMICAL- SOLID FUELS	Coke	Ash	ASTM D3174
32	CHEMICAL- SOLID FUELS	Coke	Ash	IS 1350 (Part 1)
33	CHEMICAL- SOLID FUELS	Coke	Ash	ISO 1171
34	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon	ASTM D3172
35	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon	IS 1350 (Part 1)
36	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon	ISO 17246
37	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value (GCV)	ASTM D5865
38	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value (GCV)	IS 1350 (Part 2)
39	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value (GCV)	ISO 1928
40	CHEMICAL- SOLID FUELS	Coke	Hard Grove Grindability Index (HGI)	ASTM D5003
41	CHEMICAL- SOLID FUELS	Coke	Hard Grove Grindability Index (HGI)	IS 4433
42	CHEMICAL- SOLID FUELS	Coke	Hard Grove Grindability Index (HGI)	ISO 5074
43	CHEMICAL- SOLID FUELS	Coke	Moisture in Analysis Sample (MAS)	ASTM D3173M
44	CHEMICAL- SOLID FUELS	Coke	Moisture in Analysis Sample (MAS)	IS 1350 (Part 1)
45	CHEMICAL- SOLID FUELS	Coke	Moisture in Analysis Sample (MAS)	ISO 687
46	CHEMICAL- SOLID FUELS	Coke	Sulphur (S)	ASTM D4239
47	CHEMICAL- SOLID FUELS	Coke	Sulphur (S)	IS 1350 (Part 3)
48	CHEMICAL- SOLID FUELS	Coke	Sulphur (S)	ISO 19579
49	CHEMICAL- SOLID FUELS	Coke	Total Moisture (TM)	ASTM D2961
50	CHEMICAL- SOLID FUELS	Coke	Total Moisture (TM)	IS 1350 (Part 1)

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51	CHEMICAL- SOLID FUELS	Coke	Total Moisture (TM)	ISO 579
52	CHEMICAL- SOLID FUELS	Coke	Volatile Matter (VM)	ASTM D3175
53	CHEMICAL- SOLID FUELS	Coke	Volatile Matter (VM)	IS 1350 (Part 1)
54	CHEMICAL- SOLID FUELS	Coke	Volatile Matter (VM)	ISO 562