National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : NMCI SHREE COAL LABORATORY, 3/1/1, HARADEB BHATTACHARYA LANE, SHIBPUR, HOWRAH, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 14/03/2023 to 13/03/2025 **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- METALS & ALLOYS	Ferro Chromium	Carbon	IS 1559
2	CHEMICAL- METALS & ALLOYS	Ferro Chromium	Phosphorous	IS 1559
3	CHEMICAL- METALS & ALLOYS	Ferro Chromium	Sulphur	IS 1559
4	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Carbon	IS 1559
5	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Manganese	IS 1559
6	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Phosphorous	IS 1559
7	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Silicon	IS 1559
8	CHEMICAL- METALS & ALLOYS	Ferro Manganese	Sulphur	IS 1559
9	CHEMICAL- METALS & ALLOYS	High Carbon Ferro Chromium	Chromium	IS 13452 (Part 5)
10	CHEMICAL- METALS & ALLOYS	High Carbon Ferro Chromium	Silicon	IS 13452 (Part 1)
11	CHEMICAL- METALS & ALLOYS	Silico Manganese	Carbon	IS 1559
12	CHEMICAL- METALS & ALLOYS	Silico Manganese	Manganese	IS 1559
13	CHEMICAL- METALS & ALLOYS	Silico Manganese	Phosphorous	IS 1559
14	CHEMICAL- METALS & ALLOYS	Silico Manganese	Silicon	IS 1559
15	CHEMICAL- METALS & ALLOYS	Silico Manganese	Sulphur	IS 1559
16	CHEMICAL- ORES & MINERALS	Bauxite	Alumina	IS 2000 (Part 3)
17	CHEMICAL- ORES & MINERALS	Bauxite	Ferric Oxide	IS 2000 (Part 4)
18	CHEMICAL- ORES & MINERALS	Bauxite	Loss on Ignition	IS 2000 (Part 1)

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19	CHEMICAL- ORES & MINERALS	Bauxite	Silica	IS 2000 (Part 2)
20	CHEMICAL- ORES & MINERALS	Chromium Ores	Alumina	IS 4737
21	CHEMICAL- ORES & MINERALS	Chromium Ores	Calcium Oxide	IS 4737
22	CHEMICAL- ORES & MINERALS	Chromium Ores	Chromium Oxide	IS 4737
23	CHEMICAL- ORES & MINERALS	Chromium Ores	Magnesium Oxide	IS 4737
24	CHEMICAL- ORES & MINERALS	Chromium Ores	Silica	IS 4737
25	CHEMICAL- ORES & MINERALS	Chromium Ores	Total Iron	IS 4737
26	CHEMICAL- ORES & MINERALS	Iron Ores	Alumina	IS 1493 (Part 1)
27	CHEMICAL- ORES & MINERALS	Iron Ores	Calcium Oxide	IS 1493
28	CHEMICAL- ORES & MINERALS	Iron Ores	Loss On Ignition	IBM 2012
29	CHEMICAL- ORES & MINERALS	Iron Ores	Magnesium Oxide	IS 1493
30	CHEMICAL- ORES & MINERALS	Iron Ores	Phosphorous	IS 1493
31	CHEMICAL- ORES & MINERALS	Iron Ores	Potassium Oxide	IS 9497
32	CHEMICAL- ORES & MINERALS	Iron Ores	Silica	IS 1493 (Part 1)
33	CHEMICAL- ORES & MINERALS	Iron Ores	Sodium Oxide	IS 9497
34	CHEMICAL- ORES & MINERALS	Iron Ores	Sulphur	IS 1493
35	CHEMICAL- ORES & MINERALS	Iron Ores	Total Iron	IS 1493 (Part 1)
36	CHEMICAL- ORES & MINERALS	Iron Ores	Total Moisture	IS 1493 (Part 1)
37	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Alumina	IS 1760 (Part 3)

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38	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Calcium Oxide	IS 1760 (Part 3)
39	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Ferric Oxide	SOP/NMCI/LAB/001; Issue Date: 21.01.2022
40	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Loss on Ignition	IS 1760 (Part 1)
41	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Magnesium Oxide	IS 1760 (Part 3)
42	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Potassium Oxide	IS 9497
43	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Silica	IS 1760 (Part 2)
44	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Sodium Oxide	IS 9497
45	CHEMICAL- ORES & MINERALS	Manganese Ores	Alumina	IS 1473
46	CHEMICAL- ORES & MINERALS	Manganese Ores	Calcium Oxide	IS 1473
47	CHEMICAL- ORES & MINERALS	Manganese Ores	Iron	IS 1473
48	CHEMICAL- ORES & MINERALS	Manganese Ores	Magnesium Oxide	IS 1473
49	CHEMICAL- ORES & MINERALS	Manganese Ores	Manganese	IS 1473
50	CHEMICAL- ORES & MINERALS	Manganese Ores	Manganese Di Oxide	IS 1473
51	CHEMICAL- ORES & MINERALS	Manganese Ores	Phosphorous	IS 1473
52	CHEMICAL- ORES & MINERALS	Manganese Ores	Potassium Oxide	IS 9497
53	CHEMICAL- ORES & MINERALS	Manganese Ores	Silica	IS 1473
54	CHEMICAL- ORES & MINERALS	Manganese Ores	Sodium Oxide	IS 9497
55	CHEMICAL- ORES & MINERALS	Manganese Ores	Sulphur	IS 1473
56	CHEMICAL- ORES & MINERALS	Rock Phosphate	Alumina	IS 11224

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57	CHEMICAL- ORES & MINERALS	Rock Phosphate	Calcium Oxide	IS 9386
58	CHEMICAL- ORES & MINERALS	Rock Phosphate	Chloride	IS 11224
59	CHEMICAL- ORES & MINERALS	Rock Phosphate	Ferric Oxide	SOP/NMCI/LAB/002, Issue Date: 21.01.2022
60	CHEMICAL- ORES & MINERALS	Rock Phosphate	Loss on Ignition	IS 11244
61	CHEMICAL- ORES & MINERALS	Rock Phosphate	Magnesium Oxide	IS 11224
62	CHEMICAL- ORES & MINERALS	Rock Phosphate	Moisture	IS 11224
63	CHEMICAL- ORES & MINERALS	Rock Phosphate	Phosphorous Penta Oxide	IS 11224
64	CHEMICAL- ORES & MINERALS	Rock Phosphate	Potassium Oxide	IS 9497
65	CHEMICAL- ORES & MINERALS	Rock Phosphate	Sodium Oxide	IS 9497
66	CHEMICAL- ORES & MINERALS	Rock Phosphate	Total Silica	IS 11224
67	CHEMICAL- SOLID FUELS	Coal	Air Dried Moisture	ASTM D3173/D3173M
68	CHEMICAL- SOLID FUELS	Coal	Air Dried Moisture	IS 1350 (Part 1)
69	CHEMICAL- SOLID FUELS	Coal	Ash	ASTM D3174
70	CHEMICAL- SOLID FUELS	Coal	Ash	IS 1350 (Part 1)
71	CHEMICAL- SOLID FUELS	Coal	Crucible Swelling Number/Free Swelling Index	IS 1353 (Part 1)
72	CHEMICAL- SOLID FUELS	Coal	Equilibrated Moisture	IS 1350 (Part 1)
73	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	ASTM D3172
74	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	IS 1350 (Part 1)
75	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	ASTM D5865/D5865M
76	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	IS 1350 (Part 2)
77	CHEMICAL- SOLID FUELS	Coal	Phosphorus	IS 1350 (Part 5)
78	CHEMICAL- SOLID FUELS	Coal	Sulphur	IS 1350 (Part 3)
79	CHEMICAL- SOLID FUELS	Coal	Total Moisture	ASTM D2961/D2961M
80	CHEMICAL- SOLID FUELS	Coal	Total Moisture	ASTM D3302/D3302M

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81	CHEMICAL- SOLID FUELS	Coal	Total Moisture	IS 1350 (Part 1)
82	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	ASTM D3175
83	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS 1350 (Part 1)
84	CHEMICAL- SOLID FUELS	Coke	Air Dried Moisture	ASTM D3173/D3173M
85	CHEMICAL- SOLID FUELS	Coke	Air Dried Moisture	IS 1350 (Part 1)
86	CHEMICAL- SOLID FUELS	Coke	Ash	ASTM D3174
87	CHEMICAL- SOLID FUELS	Coke	Ash	IS 1350 (Part 1)
88	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon	ASDTM D3172
89	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon	IS 1350 (Part 1)
90	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value	ASTM D5865
91	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value	IS 1350 (Part 2)
92	CHEMICAL- SOLID FUELS	Coke	Phosphorus	IS 1350 (Part 5)
93	CHEMICAL- SOLID FUELS	Coke	Sulphur	IS 1350 (Part 3)
94	CHEMICAL- SOLID FUELS	Coke	Total Moisture	IS 1350 (Part 1)
95	CHEMICAL- SOLID FUELS	Coke	Volatile Matter	ASTM D3175
96	CHEMICAL- SOLID FUELS	Coke	Volatile Matter	IS 1350 (Part 1)