National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : RESEARCH AND QUALITY CONTROL LABORATORY, REAL ISPAT & POWER LIMITED, VILLAGE BORJHARA, URLA, BENDRI ROAD, RAIPUR, CHHATTISGARH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9926 **Page No** 1 of 3

Validity 29/09/2021 to 28/09/2023 **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	Low Alloy Steel	Carbon	IS 8811
2	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese	IS 8811
3	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorous	IS 8811
4	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	IS 8811
5	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur	IS 8811
6	CHEMICAL- METALS & ALLOYS	Pig Iron	Carbon	IS 12308 (Part 1)
7	CHEMICAL- METALS & ALLOYS	Pig Iron	Phosphorous	IS 12308 (Part 5)
8	CHEMICAL- METALS & ALLOYS	Pig Iron	Sulphur	IS 12308 (Part 2)
9	CHEMICAL- METALS & ALLOYS	Silico Manganese	Carbon	IS 1559
10	CHEMICAL- METALS & ALLOYS	Silico Manganese	Manganese	IS 1559
11	CHEMICAL- METALS & ALLOYS	Silico Manganese	Silicon	IS 1559
12	CHEMICAL- ORES & MINERALS	Dolomite	Calcium Oxide	IS 1760 (Part 3)
13	CHEMICAL- ORES & MINERALS	Dolomite	Loss on Ignition	IS 1760 (Part 1)
14	CHEMICAL- ORES & MINERALS	Dolomite	Magnesium Oxide	IS 1760 (Part 3)
15	CHEMICAL- ORES & MINERALS	Dolomite	Silicon Dioxide	IS 1760 (Part 2)
16	CHEMICAL- ORES & MINERALS	Iron Ore	Aluminium Oxide	IS 1493 (Part 1)
17	CHEMICAL- ORES & MINERALS	Iron Ore	Fe (T)	IS 1493 (Part 1)
18	CHEMICAL- ORES & MINERALS	Iron Ore	Phosphorous	IS 1493 (Part 1)

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19	CHEMICAL- ORES & MINERALS	Iron Ore	Silicon Dioxide	IS 1493 (Part 1)
20	CHEMICAL- ORES & MINERALS	Ramming Mass	Silicon Dioxide	IS 1527
21	CHEMICAL- ORES & MINERALS	Sponge Iron Fines (Directly Reduced Iron)	Carbon	IS 228 (Part 1)
22	CHEMICAL- ORES & MINERALS	Sponge Iron Fines (Directly Reduced Iron)	Fe (M)	IS 15774
23	CHEMICAL- ORES & MINERALS	Sponge Iron Fines (Directly Reduced Iron)	Fe (T)	IS 1493 (Part 1)
24	CHEMICAL- ORES & MINERALS	Sponge Iron Fines (Directly Reduced Iron)	Metallization	IS 15774
25	CHEMICAL- ORES & MINERALS	Sponge Iron Fines (Directly Reduced Iron)	Phosphorous	IS 1493 (Part 1)
26	CHEMICAL- ORES & MINERALS	Sponge Iron Fines (Directly Reduced Iron)	Sulphur	IS 15403
27	CHEMICAL- ORES & MINERALS	Sponge Iron Lumps	Carbon	IS 228 (Part 1)
28	CHEMICAL- ORES & MINERALS	Sponge Iron Lumps	Fe (M)	IS 15774
29	CHEMICAL- ORES & MINERALS	Sponge Iron Lumps	Fe (T)	IS 1493 (Part 1)
30	CHEMICAL- ORES & MINERALS	Sponge Iron Lumps	Metallization	IS 15774
31	CHEMICAL- ORES & MINERALS	Sponge Iron Lumps	Phosphorous	IS 1493 (Part 1)
32	CHEMICAL- ORES & MINERALS	Sponge Iron Lumps	Sulphur	IS 15403
33	CHEMICAL- SOLID FUELS	Coal	Ash	IS 1350 (Part 1)
34	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	IS 1350 (Part 1)
35	CHEMICAL- SOLID FUELS	Coal	Moisture	IS 1350 (Part 1)
36	CHEMICAL- SOLID FUELS	Coal	Volatile Metal	IS 1350 (Part 1)
37	CHEMICAL- SOLID FUELS	Coke	Ash	IS 1350 (Part 1)
38	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon	IS 1350 (Part 1)
39	CHEMICAL- SOLID FUELS	Coke	Moisture	IS 1350 (Part 1)
40	CHEMICAL- SOLID FUELS	Coke	Sulphur	IS 1350 (Part 3)

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41	CHEMICAL- SOLID FUELS	Coke	Volatile Metal	IS 1350 (Part 1)
42	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Barbed Wire	Zinc Coating Thickness	IS 6745
43	MECHANICAL-MECHANICAL PROPERTIES OF METALS	G.I. Wire	Tensile Test	IS 1608 (Part 1)
44	MECHANICAL-MECHANICAL PROPERTIES OF METALS	G.I. Wire	Zinc Coating Thickness	IS 6745
45	MECHANICAL-MECHANICAL PROPERTIES OF METALS	M.S Wire (Annealed)	Tensile Test	IS 1608 (Part 1)
46	MECHANICAL-MECHANICAL PROPERTIES OF METALS	M.S Wire (Bright Drawn)	Tensile Test	IS 1608 (Part 1)
47	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Re Bars	% Elongation	IS 1608 (Part 1)
48	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Re Bars	Bend Test	IS 1599
49	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Re Bars	Length	IS 1786
50	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Re Bars	Re-bend Test	IS 1786
51	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Re Bars	Rib Area	IS 1786
52	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Re Bars	Tensile Strength	IS 1608 (Part 1)
53	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Re Bars	Yield Strength	IS 1608 (Part 1)