National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QC LABORATORY, SHREEYAM POWER AND STEEL INDUSTRIES LIMITED, PLOT NO. 332, INDUSTRIAL ESTATE, GIDC, GANDHIDHAM, KACHCHH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10807 **Page No** 1 of 2

Validity 13/07/2022 to 12/07/2024 **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	Plain Carbon Steel, Low Alloy Steel	Aluminum (Al)	ASTM E415
2	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel, Low Alloy Steel	Carbon (C)	ASTM E415
3	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel, Low Alloy Steel	Chromium (Cr)	ASTM E415
4	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel, Low Alloy Steel	Copper (Cu)	ASTM E415
5	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel, Low Alloy Steel	Manganese (Mn)	ASTM E415
6	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel, Low Alloy Steel	Molybdenum (Mo)	ASTM E415
7	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel, Low Alloy Steel	Nickel (Ni)	ASTM E415
8	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel, Low Alloy Steel	Phosphorus (P)	ASTM E415
9	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel, Low Alloy Steel	Silicon (Si)	ASTM E415
10	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel, Low Alloy Steel	Sulfur (S)	ASTM E415
11	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel, Low Alloy Steel	Vanadium (V)	ASTM E415
12	CHEMICAL- METALS & ALLOYS	Silico - Manganese	Carbon	IS 1559
13	CHEMICAL- METALS & ALLOYS	Silico - Manganese	Manganese	IS 1559
14	CHEMICAL- METALS & ALLOYS	Silico - Manganese	Silicon	IS 1559
15	CHEMICAL- METALS & ALLOYS	Sponge Iron (Direct Reduced Iron)	Metallic Iron	IS 15774
16	CHEMICAL- METALS & ALLOYS	Sponge Iron/ Direct Reduced Iron (DRI) and Cold Briquette iron (CBI) for Steel Making	Total Iron	IS 15774
17	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminum (Al)	IS 9879
18	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon (C)	IS 9879

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19	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium (Cr)	IS 9879
20	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper (Cu)	IS 9879
21	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese (Mn)	IS 9879
22	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum (Mo)	IS 9879
23	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel (Ni)	IS 9879
24	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus (P)	IS 9879
25	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon (Si)	IS 9879
26	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur (S)	IS 9879
27	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforced Steel Bar	% Elongation	IS 1608 (Part 1)
28	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforced Steel Bar	Bend Test	IS 1599
29	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforced Steel Bar	Re-Bend Test	IS 1786
30	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforced Steel Bar	Ultimate Tensile Strength (UTS)	IS 1608 (Part 1)
31	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforced Steel Bar	Yield Stress (0.2% Proof Stress)	IS 1608 (Part 1)