National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SHREE TEST HOUSE, KHASRA NO. 80, MI. VILLAGE-SAHEED DWAR, POST-ATHOORWALA, DEHRADUN, UTTARAKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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- METALLIC COATINGS & TREATMENT SOLUTIONS	Metals, Steel Tubes, Tubulars and Other Wrought Steel Fittings, G.I. Pipe, Structural Steel, Steel Fittings, M.S. Pipe, Socket, Bend, L Bend, U Bend	Mass of Zinc Coating	IS 6745
2	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metals, Steel Tubes, Tubulars and Other Wrought Steel Fittings, G.I. Pipe, Structural Steel, Steel Fittings, M.S. Pipe, Socket, Bend, L Bend, U Bend	Uniformity of Zinc Coating	IS 2633
3	CHEMICAL- METALS & ALLOYS	Carbon Steel (Seven-Ply Strand for Prestressed Concrete)	Phosphorus	IS 228 (Part 3)
4	CHEMICAL- METALS & ALLOYS	Carbon Steel (Seven-Ply Strand for Prestressed Concrete)	Sulphur	IS 228 (Part 9)
5	CHEMICAL- METALS & ALLOYS	Carbon Steel (Threaded Steel Fasteners)	Carbon	IS 228 (Part 1)
6	CHEMICAL- METALS & ALLOYS	Carbon Steel (Threaded Steel Fasteners)	Chromium	IS 228 (Part 6)
7	CHEMICAL- METALS & ALLOYS	Carbon Steel (Threaded Steel Fasteners)	Manganese	IS 228 (Part 2)
8	CHEMICAL- METALS & ALLOYS	Carbon Steel (Threaded Steel Fasteners)	Molybdenum	IS 228 (Part 7)
9	CHEMICAL- METALS & ALLOYS	Carbon Steel (Threaded Steel Fasteners)	Nickel	IS 228 (Part 5)
10	CHEMICAL- METALS & ALLOYS	Carbon Steel (Threaded Steel Fasteners)	Phosphorous	IS 228 (Part 3)
11	CHEMICAL- METALS & ALLOYS	Carbon Steel (Threaded Steel Fasteners)	Silicon	IS 228 (Part 8)
12	CHEMICAL- METALS & ALLOYS	Carbon Steel (Threaded Steel Fasteners)	Sulphur	IS 228 (Part 9)
13	CHEMICAL- METALS & ALLOYS	Cold Reduced Low Carbon Steel Sheet and Strip	Carbon	IS 228 (Part 1)
14	CHEMICAL- METALS & ALLOYS	Cold Reduced Low Carbon Steel Sheet and Strip	Manganese	IS 228 (Part 2)
15	CHEMICAL- METALS & ALLOYS	Cold Reduced Low Carbon Steel Sheet and Strip	Phosphorous	IS 228 (Part 3)
16	CHEMICAL- METALS & ALLOYS	Cold Reduced Low Carbon Steel Sheet and Strip	Sulphur	IS 228 (Part 9)
17	CHEMICAL- METALS & ALLOYS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Carbon	IS 228 (Part 1)

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18	CHEMICAL- METALS & ALLOYS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Manganese	IS 228 (Part 2)
19	CHEMICAL- METALS & ALLOYS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Phoshorus	IS 228 (Part 3)
20	CHEMICAL- METALS & ALLOYS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Sulphur	IS 228 (Part 9)
21	CHEMICAL- METALS & ALLOYS	High Strength Deformed Steel Bars for Concrete Reinforcement	Carbon Equivalent	IS 1786
22	CHEMICAL- METALS & ALLOYS	Hollow Steel Sections for Structural Use	Phosphorus	IS 228 (Part 3)
23	CHEMICAL- METALS & ALLOYS	Hollow Steel Sections for Structural Use	Sulphur	IS 228 (Part 9)
24	CHEMICAL- METALS & ALLOYS	Hot Rolled Medium and High Tensile Structural Steel	Carbon	IS 228 (Part 1)
25	CHEMICAL- METALS & ALLOYS	Hot Rolled Medium and High Tensile Structural Steel	Carbon Equivalent	IS 2062
26	CHEMICAL- METALS & ALLOYS	Hot Rolled Medium and High Tensile Structural Steel	Manganese	IS 228 (Part 2)
27	CHEMICAL- METALS & ALLOYS	Hot Rolled Medium and High Tensile Structural Steel	Phosphorous	IS 228 (Part 3)
28	CHEMICAL- METALS & ALLOYS	Hot Rolled Medium and High Tensile Structural Steel	Silicon	IS 228 (Part 8)
29	CHEMICAL- METALS & ALLOYS	Hot Rolled Medium and High Tensile Structural Steel	Sulphur	IS 228 (Part 9)
30	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 228 (Part 1)
31	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 228 (Part 6)
32	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 228 (Part 2)
33	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 228 (Part 7)
34	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 (Part 5)
35	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 228 (Part 3)
36	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 228 (Part 8)

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37	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 228 (Part 9)
38	CHEMICAL- METALS & ALLOYS	Stainless Steel Bars and Flats	Carbon	IS 228 (Part 1)
39	CHEMICAL- METALS & ALLOYS	Stainless Steel Bars and Flats	Chromium	IS 228 (Part 6)
40	CHEMICAL- METALS & ALLOYS	Stainless Steel Bars and Flats	Manganese	IS 228 (Part 2)
41	CHEMICAL- METALS & ALLOYS	Stainless Steel Bars and Flats	Molybdenum	IS 228 (Part 7)
42	CHEMICAL- METALS & ALLOYS	Stainless Steel Bars and Flats	Nickel	IS 228 (Part 5)
43	CHEMICAL- METALS & ALLOYS	Stainless Steel Bars and Flats	Phosphorus	IS 228 (Part 3)
44	CHEMICAL- METALS & ALLOYS	Stainless Steel Bars and Flats	Silicon	IS 228 (Part 8)
45	CHEMICAL- METALS & ALLOYS	Stainless Steel Bars and Flats	Sulphur	IS 228 (Part 9)
46	CHEMICAL- METALS & ALLOYS	Stainless Steel Tubes for The Food and Beverage Industry	Carbon	IS 228 (Part 1)
47	CHEMICAL- METALS & ALLOYS	Stainless Steel Tubes for The Food and Beverage Industry	Chromium	IS 228 (Part 6)
48	CHEMICAL- METALS & ALLOYS	Stainless Steel Tubes for The Food and Beverage Industry	Manganese	IS 228 (Part 2)
49	CHEMICAL- METALS & ALLOYS	Stainless Steel Tubes for The Food and Beverage Industry	Molybdenum	IS 228 (Part 7)
50	CHEMICAL- METALS & ALLOYS	Stainless Steel Tubes for The Food and Beverage Industry	Nickel	IS 228 (Part 5)
51	CHEMICAL- METALS & ALLOYS	Stainless Steel Tubes for The Food and Beverage Industry	Phosphorus	IS 228 (Part 3)
52	CHEMICAL- METALS & ALLOYS	Stainless Steel Tubes for The Food and Beverage Industry	Silicon	IS 228 (Part 8)
53	CHEMICAL- METALS & ALLOYS	Stainless Steel Tubes for The Food and Beverage Industry	Sulphur	IS 228 (Part 9)
54	CHEMICAL- METALS & ALLOYS	Steel Tubes for Mechanical and General Engineering Purposes	Phosphorus	IS 228 (Part 3)
55	CHEMICAL- METALS & ALLOYS	Steel Tubes for Mechanical and General Engineering Purposes	Sulphur	IS 228 (Part 9)

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56	CHEMICAL- METALS & ALLOYS	Steel Tubes, Tubulars and Other Wrought Steel Fittings	Carbon	IS 228 (Part 1)
57	CHEMICAL- METALS & ALLOYS	Steel Tubes, Tubulars and Other Wrought Steel Fittings	Manganese	IS 228 (Part 2)
58	CHEMICAL- METALS & ALLOYS	Steel Tubes, Tubulars and Other Wrought Steel Fittings	Phosphorus	IS 228 (Part 3)
59	CHEMICAL- METALS & ALLOYS	Steel Tubes, Tubulars and Other Wrought Steel Fittings	Sulphur	IS 228 (Part 9)
60	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Cold Reduced Low Carbon Steel Sheet and Strip	Elongation	IS 1608 (Part 1)
61	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Cold Reduced Low Carbon Steel Sheet and Strip	Tensile Strength	IS 1608 (Part 1)
62	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Cold Reduced Low Carbon Steel Sheet and Strip	Yield Stress	IS 1608 (Part 1)
63	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Concrete Reinforcement	Nominal Mass	IS 1786
64	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Concrete Reinforcement	Rebend Test	IS 1786
65	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Concrete Reinforcement, Structural Steel, Seven Ply Strand Wire	0.2 % Proof Load	IS 1608 (Part 1)
66	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Concrete Reinforcement, Structural Steel, Seven Ply Strand Wire	Area	IS 14268
67	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Concrete Reinforcement, Structural Steel, Seven Ply Strand Wire	Bend Test	IS 1599
68	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Concrete Reinforcement, Structural Steel, Seven Ply Strand Wire	Elongation	IS 14268
69	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Concrete Reinforcement, Structural Steel, Seven Ply Strand Wire	Elongation on Gauge Length	IS 1608 (Part 1)
70	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Concrete Reinforcement, Structural Steel, Seven Ply Strand Wire	Length of Lay	IS 14268

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71	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Concrete Reinforcement, Structural Steel, Seven Ply Strand Wire	Mass	IS 14268
72	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Concrete Reinforcement, Structural Steel, Seven Ply Strand Wire	Modulas of Elasticity	IS 1608 (Part 1)
73	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Concrete Reinforcement, Structural Steel, Seven Ply Strand Wire	Nominal Dia of Strand	IS 14268
74	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Concrete Reinforcement, Structural Steel, Seven Ply Strand Wire	Tensile Strength	IS 1608 (Part 1)
75	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Concrete Reinforcement, Structural Steel, Seven Ply Strand Wire	Yield Strength	IS 1608 (Part 1)
76	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow steel sections for Structural Use	Mass	IS 4923
77	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow steel sections for Structural Use	Percentage Elongation	IS 1608 (Part 1)
78	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow steel sections for Structural Use	Tensile Strength	IS 1608 (Part 1)
79	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow steel sections for Structural Use	Yield Stress	IS 1608 (Part 1)
80	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel	Bend Test	IS 2062
81	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel	Percentage Elongation	IS 1608 (Part 1)
82	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel	Tensile Strength	IS 1608 (Part 1)
83	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel	Yield Stress	IS 1608 (Part 1)
84	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for Mechanical and General Engineering Purposes	Mass	IS 3601

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85	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for Mechanical and General Engineering Purposes	Outside diameter	IS 3601
86	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for Mechanical and General Engineering Purposes	Percentage Elongation	IS 1608 (Part 1)
87	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for Mechanical and General Engineering Purposes	Tensile Strength	IS 1608 (Part 1)
88	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for Mechanical and General Engineering Purposes	Thickness	IS 3601
89	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for Mechanical and General Engineering Purposes	Yield Stress	IS 1608 (Part 1)
90	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, G.I. Pipe	Bend Test	IS 2329
91	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, G.I. Pipe	Flattening Test	IS 2328
92	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, G.I.Pipe	Elongation on gauge length	IS 1608 (Part 1)
93	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, L bend, U bend, G.I. Pipe	Diameter of gauge plane (Major)	IS 554
94	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, L bend, U bend, G.I. Pipe	Diameter of gauge plane (Minor)	IS 554
95	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, L bend, U bend, G.I. Pipe	Diameter of gauge plane (Pitch)	IS 554
96	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, L bend, U bend, G.I. Pipe	Dimension (Outside diameter)	IS 1239 (Part 1)
97	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, L bend, U bend, G.I. Pipe	Dimension (Wall thickness)	IS 1239 (Part 1)
98	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, L bend, U bend, G.I. Pipe	Gauge length (External thread) - Maximum	IS 554

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99	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, L bend, U bend, G.I. Pipe	Gauge length (External thread) - Minimum	IS 554
100	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, L bend, U bend, G.I. Pipe	Gauge length (External thread) - Nominal	IS 554
101	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, L bend, U bend, G.I. Pipe	Height of internal weld fin	IS 1239 (Part 1)
102	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, L bend, U bend, G.I. Pipe	Heights of threads	IS 554
103	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, L bend, U bend, G.I. Pipe	Joints - Number of threads in 25.4 mm	IS 554
104	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, L bend, U bend, G.I. Pipe	Leak Proof Test (Hydrostatic Test)	IS 1239 (Part 1)
105	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, L bend, U bend, G.I. Pipe	Length	IS 1239 (Part 1)
106	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, L bend, U bend, G.I. Pipe	Length of use full external thread of less than (for Maximum gauge length)	IS 554
107	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, L bend, U bend, G.I. Pipe	Length of use full external thread of less than (for Minimum gauge length)	IS 554
108	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, L bend, U bend, G.I. Pipe	Length of use full external thread of less than (for nominal gauge length)	IS 554
109	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, L bend, U bend, G.I. Pipe	Mass per meter	IS 1239 (Part 1)
110	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, L bend, U bend, G.I. Pipe	Pitch	IS 554
111	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fittings, M.S. Pipe, Socket, bend, L bend, U bend, G.I. Pipe	Tensile Strength	IS 1608 (Part 1)
112	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Steel Relieved Low Relaxatation Seven-Ply Strand For Pre stressed Concrete	Breaking Strength	IS 1608 (Part 1)