National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5251 **Page No** 1 of 29

Validity 21/04/2022 to 20/04/2024 **Last Amended on** 02/06/2022

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- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride Content	IS 6925
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Aggregates	Alkali Reactivity	IS 2386 Part 7
7	CHEMICAL- BUILDING MATERIAL	Aggregates	Alkali Reactivity (Dissolved Silica)	IS 2386 Part 7
8	CHEMICAL- BUILDING MATERIAL	Aggregates	Alkali Reactivity (Reduction in alkalinity)	IS 2386 Part 7
9	CHEMICAL- BUILDING MATERIAL	Cement	Calcium Oxide(OPC,PPC,PSC)	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement (OPC,PPC,PSC)	Alumina Oxide	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement (OPC,PPC,PSC)	Insoluble Residue	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement (OPC,PPC,PSC)	Magnesium Oxide	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement (OPC,PPC,PSC)	Sulphuric Anhydride	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cement(OPC,PPC,PSC)	Chloride	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement(OPC,PPC,PSC)	Iron Oxide	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Cement(OPC,PPC,PSC)	Silica	IS 4032
17	CHEMICAL- BUILDING MATERIAL	Cement(OPC,PPC,PSC)	Total Loss on Ignition	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Coal Tar Tape	Ash Content	ASTM D2415

SCOPE OF ACCREDITATION

Laboratory Name : R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5251 **Page No** 2 of 29

Validity 21/04/2022 to 20/04/2024 **Last Amended on** 02/06/2022

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
19	CHEMICAL- BUILDING MATERIAL	Coal Tar Tape	Loss in Ignition	IS 1217
20	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanised items	Mass of Zinc Coating	IS 6745
21	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanized Steel	Adhesion Test (Hammer)	IS 2629
22	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic Coating	Coating Thickness	ASTM E 376
23	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Pre-Painted Aluminium Zinc Alloy Metallic Coated Steel	Adhesion Test (T-bend)	IS 15965
24	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc Coatings	Uniformity of Coating	IS 2633
25	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc Dust	Metallic Zinc	ASTM D521-02
26	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Aluminium	ASTM E 415
27	CHEMICAL- METALS & ALLOYS	Alloy Steel- Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars, Flats, Bolts	Aluminium	JIS G 1253
28	CHEMICAL- METALS & ALLOYS	Alloy Steel- Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars, Flats, Bolts	Boron	JIS G 1253
29	CHEMICAL- METALS & ALLOYS	Alloy Steel- Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars, Flats, Bolts	Carbon	JIS G 1253
30	CHEMICAL- METALS & ALLOYS	Alloy Steel- Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars, Flats, Bolts	Chromium	JIS G 1253
31	CHEMICAL- METALS & ALLOYS	Alloy Steel- Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars, Flats, Bolts	Cobalt	JIS G 1253
32	CHEMICAL- METALS & ALLOYS	Alloy Steel- Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars, Flats, Bolts	Copper	JIS G 1253
33	CHEMICAL- METALS & ALLOYS	Alloy Steel- Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars, Flats, Bolts	Lead	JIS G 1253
34	CHEMICAL- METALS & ALLOYS	Alloy Steel- Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars, Flats, Bolts	Manganese	JIS G 1253
35	CHEMICAL- METALS & ALLOYS	Alloy Steel- Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars, Flats, Bolts	Molybdenum	JIS G 1253

SCOPE OF ACCREDITATION

Laboratory Name :	R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-5251
Page No	3 of 29
Validity	21/04/2022 to 20/04/2024
Last Amended on	02/06/2022

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
36	CHEMICAL- METALS & ALLOYS	Alloy Steel- Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars, Flats, Bolts	Nickel	JIS G 1253
37	CHEMICAL- METALS & ALLOYS	Alloy Steel- Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars, Flats, Bolts	Nitrogen	JIS G 1253
38	CHEMICAL- METALS & ALLOYS	Alloy Steel- Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars, Flats, Bolts	Phosphorus	JIS G 1253
39	CHEMICAL- METALS & ALLOYS	Alloy Steel- Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars, Flats, Bolts	Silicon	JIS G 1253
40	CHEMICAL- METALS & ALLOYS	Alloy Steel- Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars, Flats, Bolts	Sulphur	JIS G 1253
41	CHEMICAL- METALS & ALLOYS	Alloy Steel- Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars, Flats, Bolts	Tantalum	JIS G 1253
42	CHEMICAL- METALS & ALLOYS	Alloy Steel- Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars, Flats, Bolts	Tin	JIS G 1253
43	CHEMICAL- METALS & ALLOYS	Alloy Steel- Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars, Flats, Bolts	Titanium	JIS G 1253
44	CHEMICAL- METALS & ALLOYS	Alloy Steel- Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars, Flats, Bolts	Tungsten	JIS G 1253
45	CHEMICAL- METALS & ALLOYS	Alloy Steel- Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars, Flats, Bolts	Vanadium	JIS G 1253
46	CHEMICAL- METALS & ALLOYS	Alloy Steel- Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars, Flats, Bolts	Zirconium	JIS G 1253
47	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Aluminium	JIS D 1253
48	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Boron	ASTM E 415
49	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Carbon	ASTM E 415
50	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Chromium	ASTM E 415
51	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Cobalt	ASTM E 415
52	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Copper	ASTM E 415
53	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Iron	ASTM E3047
54	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Manganese	ASTM E 415

SCOPE OF ACCREDITATION

Laboratory Name : R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5251 **Page No** 4 of 29

Validity 21/04/2022 to 20/04/2024 **Last Amended on** 02/06/2022

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
55	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Molybdenum	ASTM E 415
56	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Nickel	ASTM E 415
57	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Niobium	ASTM E 415
58	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Niobium	JIS G 1253
59	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Nitrogen	ASTM E 415
60	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Phosphorus	ASTM E 415
61	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Silicon	ASTM E 415
62	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Sulphur	ASTM E 415
63	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Tin	ASTM E 415
64	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Titanium	ASTM E 415
65	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Vanadium	ASTM E 415
66	CHEMICAL- METALS & ALLOYS	Alloy Steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Zirconium	ASTM E 415
67	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Chromium	ASTM E 1251
68	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Copper	ASTM E 1251
69	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Iron	ASTM E 1251
70	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Lead	ASTM E 1251
71	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Magnesium	ASTM 1251
72	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Manganese	ASTM E 1251
73	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Nickel	ASTM E 1251

SCOPE OF ACCREDITATION

Laboratory Name : R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5251 **Page No** 5 of 29

Validity 21/04/2022 to 20/04/2024 **Last Amended on** 02/06/2022

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
74	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Silicon	ASTM E 1251
75	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Tin	ASTM E 1251
76	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Titanium	ASTM E 1251
77	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Vanadium	ASTM E1251
78	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Zinc	ASTM E 1251
79	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Aluminium	ASTM E 415
80	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Boron	ASTM E 415
81	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Carbon	ASTM E 415
82	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Chromium	ASTM E 415
83	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Cobalt	ASTM E 415
84	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Copper	ASTM E 415
85	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Manganese	ASTM E 415
86	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Molybdenum	ASTM E 415
87	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Nickel	ASTM E 415
88	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Niobium	ASTM E 415

SCOPE OF ACCREDITATION

Laboratory Name :	R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5251	**Page No**	6 of 29
Validity	21/04/2022 to 20/04/2024	**Last Amended on**	02/06/2022

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
89	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Nitrogen	ASTM E 415
90	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Phosphorous	ASTM E 415
91	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Silicon	ASTM E 415
92	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Sulphur	ASTM E 415
93	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Tin	ASTM E 415
94	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Titanium	ASTM E 415
95	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Vanadium	ASTM E 415
96	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Zirconium	ASTM E 415
97	CHEMICAL- METALS & ALLOYS	Copper & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Aluminium	BS EN 15079
98	CHEMICAL- METALS & ALLOYS	Copper & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Antimony	BS EN 15079
99	CHEMICAL- METALS & ALLOYS	Copper & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Arsenic	BS EN 15079
100	CHEMICAL- METALS & ALLOYS	Copper & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Bismuth	BS EN 15079
101	CHEMICAL- METALS & ALLOYS	Copper & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Chromium	BS EN 15079
102	CHEMICAL- METALS & ALLOYS	Copper & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Iron	BS EN 15079
103	CHEMICAL- METALS & ALLOYS	Copper & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Lead	BS EN 15079
104	CHEMICAL- METALS & ALLOYS	Copper & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Magnesium	BS EN 15079

SCOPE OF ACCREDITATION

Laboratory Name :	R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5251	**Page No**	7 of 29
Validity	21/04/2022 to 20/04/2024	**Last Amended on**	02/06/2022

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
105	CHEMICAL- METALS & ALLOYS	Copper & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Manganese	BS EN 15079
106	CHEMICAL- METALS & ALLOYS	Copper & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Nickel	BS EN 15079
107	CHEMICAL- METALS & ALLOYS	Copper & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Phosphorus	BS EN 15079
108	CHEMICAL- METALS & ALLOYS	Copper & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Silicon	BS EN 15079
109	CHEMICAL- METALS & ALLOYS	Copper & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Sulphur	BS EN 15079
110	CHEMICAL- METALS & ALLOYS	Copper & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Tin	BS EN 15079
111	CHEMICAL- METALS & ALLOYS	Copper & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting, Tubes	Zinc	BS EN 15079
112	CHEMICAL- METALS & ALLOYS	High Manganese steel : Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars	Phosphorus	ASTM E 2209
113	CHEMICAL- METALS & ALLOYS	High Manganese steel : Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars	Aluminium	ASTM E 2209
114	CHEMICAL- METALS & ALLOYS	High Manganese steel : Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars	Carbon	ASTM E 2209
115	CHEMICAL- METALS & ALLOYS	High Manganese steel : Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars	Chromium	ASTM E 2209
116	CHEMICAL- METALS & ALLOYS	High Manganese steel : Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars	Manganese	ASTM E 2209
117	CHEMICAL- METALS & ALLOYS	High Manganese steel : plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars	Molybdenum	ASTM E 2209
118	CHEMICAL- METALS & ALLOYS	High Manganese steel : Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars	Nickel	ASTM 2209
119	CHEMICAL- METALS & ALLOYS	High Manganese steel : Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, Tubes, Bars	Silicon	ASTM E 2209
120	CHEMICAL- METALS & ALLOYS	Nickel & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting	Aluminium	ASTM E 3047
121	CHEMICAL- METALS & ALLOYS	Nickel & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting	Carbon	ASTM E 3047
122	CHEMICAL- METALS & ALLOYS	Nickel & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting	Chromium	ASTM E 3047
123	CHEMICAL- METALS & ALLOYS	Nickel & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting	Cobalt	ASTM E 3047

SCOPE OF ACCREDITATION

Laboratory Name :	R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5251	**Page No**	8 of 29
Validity	21/04/2022 to 20/04/2024	**Last Amended on**	02/06/2022

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
124	CHEMICAL- METALS & ALLOYS	Nickel & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting	Copper	ASTM E 3047
125	CHEMICAL- METALS & ALLOYS	Nickel & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting	Iron	ASTM E 3047
126	CHEMICAL- METALS & ALLOYS	Nickel & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting	Manganese	ASTM E 3047
127	CHEMICAL- METALS & ALLOYS	Nickel & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting	Molybdenum	ASTM E 3047
128	CHEMICAL- METALS & ALLOYS	Nickel & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting	Niobium	ASTM E 3047
129	CHEMICAL- METALS & ALLOYS	Nickel & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting	Phosphorus	ASTM E 3047
130	CHEMICAL- METALS & ALLOYS	Nickel & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting	Silicon	ASTM E 3047
131	CHEMICAL- METALS & ALLOYS	Nickel & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting	Sulphur	ASTM E 3047
132	CHEMICAL- METALS & ALLOYS	Nickel & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting	Titanium	ASTM E 3047
133	CHEMICAL- METALS & ALLOYS	Nickel & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting	Tungsten	ASTM E 3047
134	CHEMICAL- METALS & ALLOYS	Nickel & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting	Vanadium	ASTM E 3047
135	CHEMICAL- METALS & ALLOYS	Nickel & its alloys- Plates, Pipes, Sheets, Bars, forgings, Fittings,Welding, Casting	Zirconium	ASTM E 3047
136	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Aluminium	JIS G1253
137	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Boron	JIS G 1253
138	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Carbon	ASTM E 1086
139	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Carbon	JIS G 1253
140	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Chromium	ASTM E 1086
141	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Chromium	JIS G 1253
142	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Cobalt	JIS G 1253

SCOPE OF ACCREDITATION

Laboratory Name :	R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5251	**Page No**	9 of 29
Validity	21/04/2022 to 20/04/2024	**Last Amended on**	02/06/2022

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
143	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Copper	ASTM E 1086
144	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Copper	JIS G 1253
145	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Manganese	ASTM E 1086
146	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Manganese	JIS G 1253
147	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Molybdenum	ASTM E 1086
148	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Molybdenum	JIS G 1253
149	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Nickel	ASTM E 1086
150	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Nickel	JIS G 1253
151	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Niobium	JIS G 1253
152	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Nitrogen	JIS G 1253
153	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Phosphorus	ASTM E 1086
154	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Phosphorus	JIS G 1253
155	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Silicon	ASTM E 1086
156	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Silicon	JIS G 1253
157	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Sulphur	ASTM E 1086
158	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Sulphur	JIS G 1253
159	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Tin	JIS G 1253
160	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Titanium	JIS G 1253
161	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Tungsten	JIS G 1253

SCOPE OF ACCREDITATION

Laboratory Name :	R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5251	**Page No**	10 of 29
Validity	21/04/2022 to 20/04/2024	**Last Amended on**	02/06/2022

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
162	CHEMICAL- METALS & ALLOYS	Stainless steel- Structural Steel, Plates , Pipes, Forgings, casting, Welding, Fitting, Sheet, TMT, Tubes, Bars, Bolts	Vanadium	JIS G 1253
163	CHEMICAL- PAINTS & SURFACE COATING	Enamel paint,	Volume solids	IS 13213
164	CHEMICAL- PAINTS & SURFACE COATING	Enamel paints	Pot Life	IS 13213
165	CHEMICAL- PAINTS & SURFACE COATING	Enamel paints	Resistance to Alkali	IS 8662
166	CHEMICAL- PAINTS & SURFACE COATING	Paint	Consistency by Ford Cup(B 4)	ASTM D 1200
167	CHEMICAL- PAINTS & SURFACE COATING	Paint	Consistency by Ford Cup (B 4)	IS 101 Part 1 Sec 5
168	CHEMICAL- PAINTS & SURFACE COATING	Paint	Dry Film Thickness	IS 101 part 3 sec 2
169	CHEMICAL- PAINTS & SURFACE COATING	Paint	Drying Time(Hard dry)	IS 101 Part 3 Sec 1
170	CHEMICAL- PAINTS & SURFACE COATING	Paint	Fineness of Grind	IS 101 Part 3:Sec5
171	CHEMICAL- PAINTS & SURFACE COATING	Paint	Flash Point	IS 101 Part 1:Sec6
172	CHEMICAL- PAINTS & SURFACE COATING	Paint	Flexibility & Adhesion	IS 101 Part 5 Sec 2
173	CHEMICAL- PAINTS & SURFACE COATING	Paint	Flexibility and Adhesion	ASTM D 522 (Ann. A)
174	CHEMICAL- PAINTS & SURFACE COATING	Paint	Gloss	IS 101 Part 4 Sec 4
175	CHEMICAL- PAINTS & SURFACE COATING	Paint	Non Volatile Matter	IS 101 Part 8: Sec2
176	CHEMICAL- PAINTS & SURFACE COATING	Paint	Scratch Hardness	IS 101 Part 5 sec 2
177	CHEMICAL- PAINTS & SURFACE COATING	Paint	Weight kg / 10l	IS 101 Part 1 Sec 7
178	CHEMICAL- PAINTS & SURFACE COATING	Paint	Wet film Thickness	IS 101 Part 3 Sec 2
179	CHEMICAL- PAINTS & SURFACE COATING	Paints & Surface Coating	Pull of Adhesion Test	ASTM D 4541
180	CHEMICAL- PAINTS & SURFACE COATING	Paints and Varnishes	Dry Film Thickness	ISO 2808

SCOPE OF ACCREDITATION

Laboratory Name : R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5251 **Page No** 11 of 29

Validity 21/04/2022 to 20/04/2024 **Last Amended on** 02/06/2022

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
181	CHEMICAL- PAINTS & SURFACE COATING	PU Paint	Resistant to Solvents	IS 13213
182	CHEMICAL- PAINTS & SURFACE COATING	PU paints	Resistance to Acid	IS 13213
183	MECHANICAL- BUILDINGS MATERIALS	AUTOCLAVE CELLULAR (AERATED) CONCRETE (ACC) BLOCKS	Dimension (Length, Width,Height)	IS 2185-3
184	MECHANICAL- BUILDINGS MATERIALS	Accelerated Cured Concrete	Compressive Strength	IS 9013
185	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse and Fine)	Silt Content	CPWD
186	MECHANICAL- BUILDINGS MATERIALS	AUTOCLAVED CELLULAR CONCRETE (ACC) PRODUCTS	Bulk Density	IS 6441-1
187	MECHANICAL- BUILDINGS MATERIALS	AUTOCLAVED CELLULAR CONCRETE (ACC) PRODUCTS	Compressive Strength	IS 6441-5
188	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
189	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Coal tar	Softening Point	ASTM D 36
190	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Coal tar	Softening Point	IS 1205
191	MECHANICAL- BUILDINGS MATERIALS	Bitumen products & Coal tar	Penetration Test	IS 1203
192	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension (Width)	IS 1077
193	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 Part 1
194	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Height)	IS 1077
195	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS 1077
196	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 Part 3
197	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 Part 2
198	MECHANICAL- BUILDINGS MATERIALS	Castable Cube	Bulk Density	IS 10570
199	MECHANICAL- BUILDINGS MATERIALS	Castable Cube	Bulk Density	IS 1528 P12

SCOPE OF ACCREDITATION

Laboratory Name :	R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5251	**Page No**	12 of 29
Validity	21/04/2022 to 20/04/2024	**Last Amended on**	02/06/2022

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
200	MECHANICAL- BUILDINGS MATERIALS	Castable Cube	Compressive Strength	ASTM C133
201	MECHANICAL- BUILDINGS MATERIALS	Castable Cube	Permanent Linear Change (160mm)	IS 1528 P6
202	MECHANICAL- BUILDINGS MATERIALS	Castable Cube	Permanent Linear Change (length 230mm)	ASTM C 113
203	MECHANICAL- BUILDINGS MATERIALS	Castable Cubes	Bulk Density	ASTM C134
204	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, PSC,SRPC)	Density	IS 4031-11
205	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	10% Fine Value	IS 2386 Part 5
206	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 Part 3
207	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Abrasion Value Los Angeles	IS 2386 Part 4
208	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS 2386 Part 3
209	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 Part 4
210	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 Part 1
211	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 Part 1
212	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 Part 4
213	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness Test (Sodium Sulphate and Magnesium Sulphate)	IS 2386 Part 5
214	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 Part 3
215	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates (GSB,WMM)	Sieve Analysis (75 micron to 90 mm)	IS 2386 Part 1
216	MECHANICAL- BUILDINGS MATERIALS	Concrete	Concrete Ability to Resist Chloride Ion Penetration (RCPT)	ASTM C 1202
217	MECHANICAL- BUILDINGS MATERIALS	concrete	DEPTH OF PENETRATION OF WATER	BS EN 12390 Part-8

SCOPE OF ACCREDITATION

Laboratory Name :	R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5251	**Page No**	13 of 29
Validity	21/04/2022 to 20/04/2024	**Last Amended on**	02/06/2022

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
218	MECHANICAL- BUILDINGS MATERIALS	Concrete	DEPTH OF PENETRATION OF WATER	IS 516 Part 2 Sec1
219	MECHANICAL- BUILDINGS MATERIALS	Cube & Core	Compressive strength	IS 516
220	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 Part 3
221	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density	IS 2386 Part 3
222	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis	IS 2386 Part 1
223	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Soundness (Sodium Sulphate and Magnesium Sulphate)	IS 2386 part 5
224	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 Part 3
225	MECHANICAL- BUILDINGS MATERIALS	OPC, PPC, PSC,SRPC	Fineness by Blaine	IS 4031 Part 2
226	MECHANICAL- BUILDINGS MATERIALS	OPC,PPC,PSC,SRPC	Compressive Strength	IS 4031 Part 6
227	MECHANICAL- BUILDINGS MATERIALS	OPC,PPC,PSC,SRPC	Consistency	IS 4031 Part 5
228	MECHANICAL- BUILDINGS MATERIALS	OPC,PPC,PSC,SRPC	Final Setting Time	IS 4031 Part 5
229	MECHANICAL- BUILDINGS MATERIALS	OPC,PPC,PSC,SRPC	Initial Setting Time	IS 4031 Part 5
230	MECHANICAL- BUILDINGS MATERIALS	OPC,PPC,PSC,SRPC	Soundness by Autoclave	IS 4031 Part 4
231	MECHANICAL- BUILDINGS MATERIALS	OPC,PPC,PSC,SRPC	Soundness by Le chatelier	IS 4031 Part 3
232	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
233	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
234	MECHANICAL- BUILDINGS MATERIALS	Solid and Hollow Concrete Blocks	Block density	IS 2185-1
235	MECHANICAL- BUILDINGS MATERIALS	Solid and Hollow Concrete Blocks	Compressive Strength	IS2185-1
236	MECHANICAL- BUILDINGS MATERIALS	Solid and Hollow Concrete Blocks	Dimension (Height)	IS2185-1

SCOPE OF ACCREDITATION

Laboratory Name :	R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5251	**Page No**	14 of 29
Validity	21/04/2022 to 20/04/2024	**Last Amended on**	02/06/2022

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
237	MECHANICAL- BUILDINGS MATERIALS	Solid and Hollow Concrete Blocks	Dimension (Length)	IS 2185-1
238	MECHANICAL- BUILDINGS MATERIALS	Solid and Hollow Concrete Blocks	Dimension (Width)	IS 2185-1
239	MECHANICAL- BUILDINGS MATERIALS	Solid and Hollow Concrete Blocks	Water Absorption	IS 2185-1
240	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium and its alloys	% Elongation	ASTM E8/E8M
241	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium and its alloys	% Elongation	IS 1608-1
242	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium and its alloys	% Elongation	ISO 6892-1
243	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium and its alloys	% Reduction	ASTM E8/E8M
244	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium and its alloys	% Reduction	IS 1608-1
245	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium and its alloys	0.2% PS / Yield Strength	IS 1608-1
246	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium and its alloys	0.2%PS/ Yield Strength	ASTM E 8/E8M
247	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium and its alloys	0.2%PS/ Yield Strength	ISO 6892-1
248	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium and its alloys	Tensile Test - UTS	IS 1608-1
249	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium and its alloys	Tensile Test (UTS)	ASTM E 8/ E8M
250	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium and its alloys	Tensile Test (UTS)	ISO 6892-1

SCOPE OF ACCREDITATION

Laboratory Name : R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5251 **Page No** 15 of 29

Validity 21/04/2022 to 20/04/2024 **Last Amended on** 02/06/2022

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
251	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Austenitic stainless steels	Intergranular Corrosion Test Practice B	ASTM A 262
252	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Austenitic stainless steels	Intergranular Corrosion Test Practice C	ASTM A262
253	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Austenitic stainless steels	Intergranular Corrosion Test Practice E	ASTM A 262
254	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon, ferritic alloy and austenitic alloy steel tubes	Flattening	ASTM A 450/ A450M
255	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Conveyor Chain	Breaking Load	IS 6834 Part 1
256	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Duplex Stainless steel	Charpy V Notch Impact Test +50 Deg C to (-) 196 Deg C (For ASTM A923 Method B)	ASTM A923 Method-B
257	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Duplex stainless steels	Intermetallic Phase Method C	ASTM A923
258	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Flux and Rod	Fracture	AWS B4.0
259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Flux and Rod	Fracture Test	ASME Sec 2 Part C
260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Flux and Rod	Impact Test (CVN)	AWS B4.0
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Flux and Rod	Macro	AWS B4.0
262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Flux and Rod	Tensile Test [For AWS B 4.0]	ASTM E8/E8M
263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Rod & Flux	All weld Tensile- 0.2% Proof Stress/ Yield Strength	ASME Sec 2 Part C
264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Rod & Flux	All Weld Tensile- % Elongation	ABS Spec

SCOPE OF ACCREDITATION

Laboratory Name :	R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5251	**Page No**	16 of 29
Validity	21/04/2022 to 20/04/2024	**Last Amended on**	02/06/2022

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
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Rod & Flux	All Weld Tensile- % Elongation	ASME Sec 2 Part C
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Rod & Flux	All Weld Tensile- % Elongation	IRS Rules
267	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Rod & Flux	All Weld Tensile- % Elongation	LRA Rules
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Rod & Flux	All Weld Tensile- 0.2% Proof Stress/ Yield Strength	LRA Rules
269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Rod & Flux	All Weld Tensile- 0.2% PS/YS	ABS Spec
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Rod & Flux	All Weld Tensile- 0.2% PS/YS	IRS Rules
271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Rod & Flux	All Weld Tensile 0.2%PS/YS	PD 5500
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Rod & Flux	All weld Tensile UTS	LRA Rules
273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Rod & Flux	All weld Tensile -UTS	ABS SPEC.
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Rod & Flux	All weld Tensile -UTS	ASME Section 2 Part C
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Rod & Flux	All weld Tensile -UTS	IRS Rules
276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Rod & Flux	All weld Tensile -UTS	IS 1608 part-1
277	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Rod & Flux	All Weld Tensile-% Elongation	IS 1608 part-1
278	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Rod & Flux	All Weld Tensile-0.2%PS	IS 1608 part-1

SCOPE OF ACCREDITATION

Laboratory Name :	R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5251	**Page No**	17 of 29
Validity	21/04/2022 to 20/04/2024	**Last Amended on**	02/06/2022

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
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Rod & Flux	All Weld Tensile-0.2%PS/YS	IS 7307
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Rod & Flux	Bend Test	LRA Rules
281	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Electrode, Rods, Fluxes	Macro Examination	ASME Section 2 Part C
282	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferritic, austenitic and ferritic-austenitic (Duplex) Stainless Steels	Intergranular Corrosion Test	ISO 3651 part-2
283	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Forgings, Bars	Macro Examination	ASTM A 340
284	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Fusion Bonded Epoxy Coated Reinforcing Bar	Adhesion of Coating (Bend Test)	IS 13620
285	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Fusion Bonded Epoxy Coated Reinforcing Bar	Coating Thickness by coating thickness gauge	IS 13620
286	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hooks & Shank	Proof Load	IS 15560
287	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & Nickel base alloys	Shear Strength	ASME SA 265
288	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nut	Proof Load	ASME BPVC II A
289	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nut	Proof Load	IS 1367 Part 6
290	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Paint & GI coated (Structural Steel, Plates , Pipes, Fitting, Sheet, Tubes, Bars)	Coating Thickness by magnetic field or Eddy current (Electromagnetic)	ASTM E 376
291	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Flattening	ASTM A 370
292	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plate	Bend Test	ABS SPEC.

SCOPE OF ACCREDITATION

Laboratory Name :	R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5251	**Page No**	18 of 29
Validity	21/04/2022 to 20/04/2024	**Last Amended on**	02/06/2022

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
293	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plate	Bend Test	IRS Rules
294	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plate	Bend Test	LRA Rules
295	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plate	Transverse Tensile	IRS Rules
296	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plate , Pipe	Bend	ASME Sec II Part A
297	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plate , Pipes, Tubes	Vickers Hardness HV10	ASTM E 384
298	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates	Through Tensile	ASME A 770/ A770M
299	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates	Transverse Tensile	LRA Rules
300	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates	Transverse Tensile	ABS SPEC.
301	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates & Pipe	Fracture	ABS Spec
302	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates & Pipes	Bend Test	IS 1599
303	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates & Pipes	Fracture	IRS Rules
304	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates & Pipes	Fracture Test	LR Rules
305	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates & Pipes	Macro	ABS Spec.
306	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates & Pipes	Macro	IRS Rules

SCOPE OF ACCREDITATION

Laboratory Name : R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5251 **Page No** 19 of 29

Validity 21/04/2022 to 20/04/2024 **Last Amended on** 02/06/2022

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
307	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates & Pipes	Macro	LR Rules
308	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, CI, Tubes, Bars	Tensile Test -UTS	ASTM E 8/E8M
309	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Vickers Hardness at 10kgf	IS 1501
310	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Forgings, casting, Fitting, Sheet, Tubes, Bars, Flats	Macroscopic & Microscopic Examination	ISO 17639
311	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Forgings, Sheet, CI, TMT, Tubes, Bars	Tensile Test (% Elongation)	ASTM A 370
312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Bars, Flats	All Weld Tensile- % Elongation	IS 3600 Part 4
313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, CI, TMT, Tubes,	Tensile Test at Elevated Temperature +50 to 750 degree C - Yield Strength	ASTM E 21
314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, CI, TMT, Tubes, Bars	Tensile Test (% Reduction)	ASTM A 370
315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, CI, Tubes,	Ultimate Tensile Strength	ASTM A 370
316	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, CI, Tubes, Bars	Tensile Test -% Elongation	ASTM E 8/E8M
317	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, CI, Tubes, Bars	Tensile Test -% Reduction	ASTM E 8/E8M
318	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, CI, Tubes, Bars	Tensile Test 0.2% Proof Stress/ Yield Strength	ASTM E 8/E8M
319	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes	Bend Test [For ISO 9606 Part1]	ISO 5173
320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes	Fracture Test [For IS 7310-1]	ISO 9017

SCOPE OF ACCREDITATION

Laboratory Name : R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5251 **Page No** 20 of 29

Validity 21/04/2022 to 20/04/2024 **Last Amended on** 02/06/2022

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
321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes	Macro Test	AWS D1.1
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes	Macro Test	IS 7307 part -1
323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes	Macro Test [For IS 7310-1]	IS 17639
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes	Macro Test [For ISO 9606]	ISO 17639
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes	MacroTest	ISO 15614 part-1
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes,	Fracture Test	IS 7307 part-1
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes,	Tensile Test at Elevated Temperature +50 to 750 degree C - UTS	ASTM E 21
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Flats	Impact Test (CVN)	ISO 9016
329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Flats	Nick Break	IS 3600 Part 8
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars	Bend Test	ASTM A 370
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars	Bend Test	IS 1599
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars	Tensile Test 0.2% Proof Stress/ Yield Strength	ASTM A 370
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	All Weld Tensile- 0.2%PS/YS	IS 3600 Part 4
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	All weld Tensile -UTS	IS 3600 Part 4

SCOPE OF ACCREDITATION

Laboratory Name :	R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5251	**Page No**	21 of 29
Validity	21/04/2022 to 20/04/2024	**Last Amended on**	02/06/2022

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
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Bend Test	AWS D1.1
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Bend Test	IBR
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Bend Test	IS 3600 Part 5
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Bend Test	IS 7307
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Bend Test	ISO 5173
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Brinell Hardness 10mm/3000 kgf	ASTM E10
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Brinell Hardness 10mm/3000 kgf	IS 1500 Part1
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Brinell Hardness 10mm/3000 kgf	ISO 6506-1
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Brinell Hardness 5mm/750kgf	ASTM E 10
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Brinell Hardness 5mm/750kgf	IS 1500 Part 1
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Brinell Hardness 5mm/750kgf	ISO 6506-1
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Delta Ferrite (Ferrite No. & Ferrite %)	AWS A4.2
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Hardness	ISO 9015
348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	HRBW	ISO 6508-1

SCOPE OF ACCREDITATION

Laboratory Name :	R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5251	**Page No**	22 of 29
Validity	21/04/2022 to 20/04/2024	**Last Amended on**	02/06/2022

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
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Macro Examination	IBR
350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Macro Examination	IS 3600 Part 9
351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Rockwell Hardness HRC	ISO 6508-1
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Rockwell Hardness Scale B	ASTM E 18
353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Rockwell Hardness Scale C	ASTM E 18
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Rockwell Hardness Scale C	IS 1586
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Side Bend	IS 3600 Part 6
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Tensile Test	IBR
357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Transverse Tensile	IS 3600 Part 3
358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Transverse Tensile	IS 7307 part 2
359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Transverse Tensile	ISO 4136
360	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Transverse Tensile [For ISO 15614 part 1]	ISO 4136
361	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Vickers Hardness at 30 kgf	IS 1501
362	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Vickers Hardness HV10	ASTM E92

SCOPE OF ACCREDITATION

Laboratory Name :	R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5251	**Page No**	23 of 29
Validity	21/04/2022 to 20/04/2024	**Last Amended on**	02/06/2022

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
363	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Vickers Hardness HV10	ISO 6507-1
364	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Vickers Hardness HV30	ASTM E92
365	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Vickers Hardness HV30	ISO 6507-1
366	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Vickers Hardness HV5	ASTM E92
367	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Vickers Hardness HV5	ISO 6507-1
368	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats	Volume fraction of a phase (%)	ASTM E 562
369	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats, Bolts	Charpy V Notch Impact Test ((+)50 Deg C To (-) 196 Deg. C)	IS 1757
370	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats, Bolts	Charpy V Notch Impact Test ((+)50 Deg C To (-) 196 Deg. C)	ISO 148-1
371	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats, Bolts	Charpy V Notch Impact Test ((+)80 Deg C To (-) 196 Deg. C)	ASTM A 370
372	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Sheet, Tubes, Bars, Flats, Bolts	Charpy V Notch Impact Test ((+)80 Deg C To (-) 196 Deg. C)	ASTM E 23
373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Tubes, Bars, Flats	Transverse Tensile	ASME Section IX
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes, Tubes, Bars, Flats	Transverse Tensile Test [For AWS D1.1]	ASTM E8/E8M
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Pipes,Sheet, Tubes, Bars, Flats	Bend Test [For ISO 15614-1]	ISO 5173
376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Tubes	Tube to tubesheet Mockup Macro Examination	ASME Sec IX

SCOPE OF ACCREDITATION

Laboratory Name :	R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5251	**Page No**	24 of 29
Validity	21/04/2022 to 20/04/2024	**Last Amended on**	02/06/2022

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
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates , Tubes	Tube to tubesheet Mockup Pullout test	ASME Sec IX
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates, Flats, Steel Sections	Through Thickness Tensile [BS EN 10164]	ISO 6892 part-1
379	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates, Pipes	Hydrogen Induced Cracking	NACE 0284
380	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates, Pipes	Sulphide Stress Corrosion Cracking	NACE 0177
381	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates, Pipes	Transverse Tensile	IS 1608 part-1
382	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates, Pipes , Forgingf, Fittings	All Weld Tensile- % Elongation	IS 7307
383	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates, Pipes, Sheet, Tubes, Bars, Flats	Rockwell Hardness Scale B	IS 1586
384	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates, Sheet, Tubes	Fracture Test [For ISO 15614-1]	ISO 9017
385	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plates, Sheet, Tubes, Bars, Flats	Vickers Hardness at 5 kgf	IS 1501
386	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pressure vessel	All Weld Tensile % Elongation	PD 5500
387	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pressure vessel	All weld Tensile -UTS	PD 5500
388	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pressure vessel	Bend Test	PD 5500
389	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pressure vessel	Macro Test	PD 5500
390	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Coupler for Mechanical Splice of Bars in concrete	% Elongation at max Force [For IS 16172]	IS 1608 part-1

SCOPE OF ACCREDITATION

Laboratory Name :	R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5251	**Page No**	25 of 29
Validity	21/04/2022 to 20/04/2024	**Last Amended on**	02/06/2022

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
391	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Coupler for Mechanical Splice of Bars in concrete	Static Tensile Test [For IS 16172]	IS 1608 part-1
392	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement couplers for mechanical splices of bars	Tensile Test [For ISO 15835-2]	ISO 6892-1
393	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Chromium steel	Shear Test	ASME SA 263
394	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Chromium- Nickel steel	Shear Strength	ASME SA 264
395	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless steels & alloys	Crevice Corrosion Method B	ASTM G 48
396	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless steels & alloys	Pitting Corrosion Method A	ASTM G48
397	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel(Hollow/Solid), Plates , Pipes, Sheet, CI, TMT, Tubes, Bars	Tensile Test % Elongation	IS 1608 part 1
398	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel(Hollow/Solid), Plates , Pipes, Sheet, CI, TMT, Tubes, Bars	Tensile Test - 0.2- 1% PS / YS,	IS 1608 (Part 1)
399	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel, Plates , Pipes, Sheet, CI, TMT, Tubes,	% Elongation at Elevated Temperature +50 to 750 degree C - UTS	ISO 6892-2
400	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel, Plates , Pipes, Sheet, CI, TMT, Tubes,	Tensile Test at Elevated Temperature +50 to 750 degree C - Yield Strength	ISO 6892-2
401	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel, Plates , Pipes, Sheet, CI, TMT, Tubes, Bars	Tensile Test - % Elongation	ISO 6892 Part 1
402	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel, Plates , Pipes, Sheet, CI, TMT, Tubes, Bars	Tensile Test % Reduction	ISO 6892 Part 1
403	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel, Plates , Pipes, Sheet, CI, TMT, Tubes, Bars	Tensile Test (0.2-1% PS/YS)	ISO 6892 part-1
404	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel, Plates , Pipes, Sheet, CI, TMT, Tubes, Bars	Tensile Test (UTS)	IS 1608 Part 1

SCOPE OF ACCREDITATION

Laboratory Name : R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5251 **Page No** 26 of 29

Validity 21/04/2022 to 20/04/2024 **Last Amended on** 02/06/2022

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
405	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel, Plates , Pipes, Sheet, Tubes,	Bend Test [For IS 7310 part-1]	ISO 5173
406	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel, Plates , Pipes, Sheet, Tubes,	Fracture Test	AWS D1.1
407	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel, Plates , Pipes, Sheet, Tubes,	Fracture Test [For ISO 9606]	ISO 9017
408	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel, Plates , Sheet, CI, Tubes, Bars	Tensile Test % Reduction	IS 1608 Part 1
409	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel, Plates , Sheet, CI, TMT, Tubes,	Tensile Test at Elevated Temperature +50 to 750 degree C - UTS	ISO 6892-2
410	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel, Plates, Pipes, Sheet, CI, Tubes, Bars	Tensile Test - UTS	ISO 6892 part-1
411	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT	Mass per meter	IS 1786
412	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT	Re bend	IS 1786
413	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes & Pipes	Flattening	IS 2328
414	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld overlay- Plates, Pipes, Tubes, Flats	Bend Test [BS EN 15614-7]	ISO 5173
415	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Pipe, Tubes	Bend Test	ASME B 31.3
416	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Pipe, Tubes	Fracture	IS 3600 Part 8
417	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Pipe, Tubes	Macro Examination	API1104
418	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Pipe, Tubes	Macro Test	ASME B31.3

SCOPE OF ACCREDITATION

Laboratory Name :	R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5251	**Page No**	27 of 29
Validity	21/04/2022 to 20/04/2024	**Last Amended on**	02/06/2022

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
419	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Pipe, Tubes	Nick Break	API 1104
420	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Pipes	Bend Test	API 1104
421	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Pipes	Transverse Tensile	API 1104
422	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Pipes	Transverse Tensile	ASME B 31.3
423	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Plates and Pipes	Macro Test	IS 2825
424	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Ropes & Strands	Breaking Load	IS 6594
425	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wrought Nickel-rich, Chromium- bearing alloys	Intergranular Corrosion Test Practice B	ASTM G28
426	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wrought, Nickel rich, Chromium bearing alloys	Intergranular Corrosion Test Practice A	ASTM G 28
427	MECHANICAL-METALLOGRAPHY TEST	Austenitic stainless steel	IGC Practice A	ASTM A 262
428	MECHANICAL-METALLOGRAPHY TEST	Casting	Ferrite Content	ASTM A800 M
429	MECHANICAL-METALLOGRAPHY TEST	Duplex stainless steel	Intermetallic Phase	ISO 17781
430	MECHANICAL-METALLOGRAPHY TEST	Duplex stainless steel	Intermetallic Phase Method A	ASTM A 923
431	MECHANICAL-METALLOGRAPHY TEST	Plates , Pipes, Sheet, Tubes, Bars, Flats	Grain Size	ASTM E 112
432	MECHANICAL-METALLOGRAPHY TEST	Plates , Pipes, Sheet, Tubes, Bars, Flats	Macro & Micro Examination	BS EN ISO 17639
433	MECHANICAL-METALLOGRAPHY TEST	Plates , Pipes, Sheet, Tubes, Bars, Flats	Micro Structure	ASM Volume 9
434	MECHANICAL-METALLOGRAPHY TEST	Plates , Pipes, Sheet, Tubes, Bars, Flats	Volume fraction of phase (%)	ASTM E 562

SCOPE OF ACCREDITATION

Laboratory Name : R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5251 **Page No** 28 of 29

Validity 21/04/2022 to 20/04/2024 **Last Amended on** 02/06/2022

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
435	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	ELASTOMERIC JOINT SEALENTS	PEEL-off-ADHESION	ASTM C 794
436	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Geomembrane	Break Elongation	ASTM D 6693
437	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Geomembrane	Tensile Break Strength	ASTM D6693
438	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Geomembrane	Tensile Yield Strength	ASTM D 6693
439	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Geomembrane	Yield Elongation	ASTM D 6693
440	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Geosynthetics	Mass per unit area	ISO 9864
441	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE	HYDROSTATIC HEAD	ASTM D 5385
442	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / SBS	PUNCTURE RESISTANCE	ASTM E 154
443	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE, POLY URETHANE, PVC Water Stop Bath	HARDNESS SHORE A	ASTM D 2240
444	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE, POLY URETHANE,SBR	Peel Adhesion / Adhesion	ASTM D 903
445	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE, POLY URETHANE,SBS MEMBRANE, GEOMEMBRANE	% Elongation at Break	ASTM D882
446	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE, POLY URETHANE,SBS MEMBRANE, GEOMEMBRANE	%Elongation at Break	ASTM D412
447	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE, POLY URETHANE,SBS MEMBRANE, GEOMEMBRANE	Tensile strength	ASTM D 412
448	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE, POLY URETHANE,SBS MEMBRANE, GEOMEMBRANE	Tensile Strength	ASTM D882
449	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE, POLY URETHANE,SBS MEMBRANE, GEOMEMBRANE	Yield Strength	ASTM D 412
450	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE,PVC Water Stop Bath	SERVICE TEMPERATURE & LOW TEMPERATURE FLEXIBILITY	ASTM D 1970
451	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & polymers	Moisture Absorption	ASTM D570
452	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Film & Sheeting	Tear Resistance	ASTM D1004
453	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	POLY URETHANE	ADHESION TO CONCRETE	ASTM D 7234

SCOPE OF ACCREDITATION

Laboratory Name :	R.K. INSPECTION & TESTING SERVICES, C-196/2, MAYAPURI INDUSTRIAL AREA, PHASE II, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5251	**Page No**	29 of 29
Validity	21/04/2022 to 20/04/2024	**Last Amended on**	02/06/2022

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
454	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Water Stop Bath	Dimension (Width & Thickness)	IS15058
455	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Water Stop Bath	Elongation	IS 13360 Part 5 Sec 2
456	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Water Stop Bath	Stability in effect of Alkali	IS 15058
457	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Water Stop Bath	Tensile Test	IS 13360 Part 5 sec 2
458	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	SBS MEMBRANE	ADHESION TO SELF LAP	ASTM D1000
459	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	SBS MEMBRANE	ADHESIVE SOFTENING POINT	ASTM D36
460	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	SBS MEMBRANE	RESISTANCE TO HYDROSTATIC HEAD	ASTM D 5385
461	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	SBS MEMBRANE	TEAR RESISTANCE	ASTM D 4073
462	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 Part 16
463	MECHANICAL- SOIL AND ROCK	Soil	Gradation (Sieve Analysis - 4.75 to 0.075 mm)	IS 2720 Part 4
464	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 P5
465	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density (Heavy compaction)	IS 2720 Part 8
466	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density (Light Compaction)	IS 2720 Part 7
467	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content (Heavy compaction)	IS 2720 Part 8
468	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content (Light Compaction)	IS 2720 Part 7
469	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 P-5