National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 1 of 38

Validity 14/04/2021 to 13/04/2023 **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- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride Content	IS 6925 clause -3
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry material Content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH value	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Bentonite	pH Value	IS 6186
7	CHEMICAL- BUILDING MATERIAL	Cement/Hydraulic Cement/portland pozzolana cement	Alkali as sodium oxide	IS 4032 cl-4.11
8	CHEMICAL- BUILDING MATERIAL	Cement/Hydraulic Cement/portland pozzolana cement	Aluminium Oxide	IS 4032 cl. 4.6.1
9	CHEMICAL- BUILDING MATERIAL	Cement/Hydraulic Cement/portland pozzolana cement	Calcium Oxide	IS 4032 cl-4.7.2
10	CHEMICAL- BUILDING MATERIAL	Cement/Hydraulic Cement/portland pozzolana cement	Chloride	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement/Hydraulic Cement/portland pozzolana cement	Insoluble Residue	IS 4032 Cl.4.10
12	CHEMICAL- BUILDING MATERIAL	Cement/Hydraulic Cement/portland pozzolana cement	Iron Oxide	IS 4032 Cl-4.5.2
13	CHEMICAL- BUILDING MATERIAL	Cement/Hydraulic Cement/portland pozzolana cement	Loss on ignition	IS 4032 Cl-4.2
14	CHEMICAL- BUILDING MATERIAL	Cement/Hydraulic Cement/portland pozzolana cement	Magnesium Oxide	IS 4032 Cl-4.8.2
15	CHEMICAL- BUILDING MATERIAL	Cement/Hydraulic Cement/portland pozzolana cement	Silica	IS 4032 Cl-4.3
16	CHEMICAL- BUILDING MATERIAL	Cement/Hydraulic Cement/portland pozzolana cement	Total Sulphur	IS 4032 cl-4.9
17	CHEMICAL- BUILDING MATERIAL	Coarse and Fine aggregate	Alkali aggregate reactivity: i).Dissolved Silica. ii).Reduction in Alkanity	IS 2386 : Part 7
18	CHEMICAL- BUILDING MATERIAL	Coarse and Fine aggregate	Chloride (as Cl)	IS 14959 Part 2

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 2 of 38

Validity 14/04/2021 to 13/04/2023 **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
19	CHEMICAL- BUILDING MATERIAL	Coarse and Fine aggregate	Sulphate (as SO3)	IS 4032 (amend no. 2)
20	CHEMICAL- BUILDING MATERIAL	Coarse and Fine aggregate	Total alkali content (as Na2O equivalent)	IS 4032 (amend no. 2)
21	CHEMICAL- BUILDING MATERIAL	Fly ash	Aluminium oxide	IS 1727
22	CHEMICAL- BUILDING MATERIAL	Fly ash	Available alkali as sodium oxide	IS 3812
23	CHEMICAL- BUILDING MATERIAL	Fly ash	Iron Oxide	IS 1727
24	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss in Ignition	IS 1727
25	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesium Oxide	IS 1727
26	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silicon Oxide	IS 1727
27	CHEMICAL- BUILDING MATERIAL	Fly ash	Total sulphur	IS 1727
28	CHEMICAL- BUILDING MATERIAL	Plaster Of Paris (POP)/Gypsum	Calcium Oxide	IS 1288
29	CHEMICAL- BUILDING MATERIAL	Plaster Of Paris (POP)/Gypsum	Free Lime	IS 2547(p-1) Annex.C
30	CHEMICAL- BUILDING MATERIAL	Plaster Of Paris (POP)/Gypsum	Loss In ignition	IS 2547(p-1) Annex.B
31	CHEMICAL- BUILDING MATERIAL	Plaster Of Paris (POP)/Gypsum	Magnesium oxide	IS 1288
32	CHEMICAL- BUILDING MATERIAL	Plaster Of Paris (POP)/Gypsum	sodium salt	IS 2547(p-1)
33	CHEMICAL- BUILDING MATERIAL	Plaster Of Paris (POP)/Gypsum	Total sulphur	IS 1288
34	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Aluminium Section	Anodic Coating	IS 5523(Stripping method)
35	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Brass Bars,Rods and Section	Mercurous Nitrate Test	IS:2305
36	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Cast Iron Pipe/Other Pipe /Cast Iron Ductile Pipe and Fittings	Bituminous ,Similar Base Coating or any other coating/Epoxy coating	IS:7181

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 3 of 38

Validity 14/04/2021 to 13/04/2023 **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
37	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Cast Iron Pipe/Other Pipe /Cast Iron Ductile Pipe and Fittings	Bituminous ,Similar Base Coating or any other coating/Epoxy coating	IS:9523
38	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Cast Iron Pipe/Other Pipe/Cast Iron Ductile Pipe and fitting	Bituminous ,Similar Base Coating or any other coating/Epoxy coating	IS:1538
39	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Cast Iron Pipe/Other pipe/Cast Iron Ductile Pipe and Fitting	Bituminous ,Similar Base Coating or any other coating/Epoxy coating	IS:3589
40	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Cast Iron Pipe/Other Pipe/Cast Iron Ductile pipe and fittings	Bituminous ,Similar Base Coating or any other coating/Epoxy coating	IS:1536
41	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Cast Iron Pipe/Other Pipe/Cast Iron Ductile pipe and Fittings	Bituminous ,Similar Base Coating or any other coating/Epoxy coating	IS:4270
42	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Cast Iron Pipe/Other Pipe/Cast Iron Ductile pipe and Fittings	Bituminous ,Similar Base Coating or any other coating/Epoxy coating	IS:8329
43	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metals	Mass Of Zinc Coating	IS 6745
44	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Wire	Decarburization Test	IS:6396
45	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Wire & GI Pipe	Uniformity of Coating	IS:2633
46	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Wire and GI pipe	uniformity of coating	IS:2633
47	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Chromium(Cr)	ASTM E 1251
48	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Cobalt(Co)	ASTM E 1251
49	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Copper(Cu)	ASTM E 1251
50	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Iron(Fe)	ASTM E 1251
51	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Lead(Pb)	ASTM E 1251

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 4 of 38

Validity 14/04/2021 to 13/04/2023 **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
52	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Magnesium(Mg)	ASTM E 1251
53	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Manganese(Mn)	ASTM E 1251
54	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Nickel(Ni)	ASTM E 1251
55	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Silicon(Si)	ASTM E 1251
56	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Tin(Sn)	ASTM E 1251
57	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Titanium(Ti)	ASTM E 1251
58	CHEMICAL- METALS & ALLOYS	Aluminium Alloy	Zinc (Zn)	ASTM E 1251
59	CHEMICAL- METALS & ALLOYS	Brass	Aluminium	IS:3685
60	CHEMICAL- METALS & ALLOYS	Brass	Antimony	IS:440
61	CHEMICAL- METALS & ALLOYS	Brass	Arsenic	IS:440
62	CHEMICAL- METALS & ALLOYS	Brass	Copper	IS:3685
63	CHEMICAL- METALS & ALLOYS	Brass	Iron	IS:3685
64	CHEMICAL- METALS & ALLOYS	Brass	Lead	IS:3685
65	CHEMICAL- METALS & ALLOYS	Brass	Manganese	IS:3685
66	CHEMICAL- METALS & ALLOYS	Brass	Nickel	IS:3685
67	CHEMICAL- METALS & ALLOYS	Brass	Phosphorous	IS:3685
68	CHEMICAL- METALS & ALLOYS	Brass	Silicon	IS:3685
69	CHEMICAL- METALS & ALLOYS	Brass	Tin	IS:3685
70	CHEMICAL- METALS & ALLOYS	Brass	Zinc	IS:3685

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 5 of 38

Validity 14/04/2021 to 13/04/2023 **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
71	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS:12308
72	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon Equivalent	ATH-Mohali SOP 03, Issue No 1 dtd
73	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	IS:12308
74	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	IS:12308
75	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	IS:12308
76	CHEMICAL- METALS & ALLOYS	cast iron	Phosphorus	IS:12308
77	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS:12308
78	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	IS:12308
79	CHEMICAL- METALS & ALLOYS	Copper	Antimony	IS:440
80	CHEMICAL- METALS & ALLOYS	Copper	Arsenic	IS:440
81	CHEMICAL- METALS & ALLOYS	Copper	Copper	IS:440
82	CHEMICAL- METALS & ALLOYS	Copper	Iron	IS:440
83	CHEMICAL- METALS & ALLOYS	Copper	Lead	IS:440
84	CHEMICAL- METALS & ALLOYS	Copper	Nickel	IS:440
85	CHEMICAL- METALS & ALLOYS	copper	Oxygen	IS:440
86	CHEMICAL- METALS & ALLOYS	Copper	Phosphorus	IS:440
87	CHEMICAL- METALS & ALLOYS	Copper	Tin	IS:440
88	CHEMICAL- METALS & ALLOYS	Copper	Zinc	IS:440
89	CHEMICAL- METALS & ALLOYS	Low alloy steel	Aluminium(Al)	ASTM E-415 (by OES)

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 6 of 38

Validity 14/04/2021 to 13/04/2023 **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
90	CHEMICAL- METALS & ALLOYS	Low alloy steel	Aluminium(Al)	IS 8811 (by OES)
91	CHEMICAL- METALS & ALLOYS	Low alloy steel	Arsenic(As)	ASTM E-415 (by OES)
92	CHEMICAL- METALS & ALLOYS	Low alloy steel	Arsenic(As)	IS 8811 (by OES)
93	CHEMICAL- METALS & ALLOYS	Low alloy steel	Borom(B)	ASTM E-415 (by OES)
94	CHEMICAL- METALS & ALLOYS	Low alloy steel	Boron(B)	IS 8811 (by OES)
95	CHEMICAL- METALS & ALLOYS	Low alloy steel	Carbon(C)	ASTM E-415 (by OES)
96	CHEMICAL- METALS & ALLOYS	Low alloy steel	Carbon(C)	IS 8811 (by OES)
97	CHEMICAL- METALS & ALLOYS	Low alloy steel	Chromium(Cr)	ASTM E-415 (by OES)
98	CHEMICAL- METALS & ALLOYS	Low alloy steel	Chromium(Cr)	IS 8811
99	CHEMICAL- METALS & ALLOYS	Low alloy steel	Cobalt(Co)	ASTM E-415 (by OES)
100	CHEMICAL- METALS & ALLOYS	Low alloy steel	Cobalt(Co)	IS 8811 (by OES)
101	CHEMICAL- METALS & ALLOYS	Low alloy steel	Copper (Cu)	ASTM E-415 (by OES)
102	CHEMICAL- METALS & ALLOYS	Low alloy steel	Copper (Cu)	IS 8811 (by OES)
103	CHEMICAL- METALS & ALLOYS	Low alloy steel	Maganese(Mg)	ASTM E-415 (by OES)
104	CHEMICAL- METALS & ALLOYS	Low alloy steel	Manganese(Mg)	IS 8811 (by OES)
105	CHEMICAL- METALS & ALLOYS	Low alloy steel	Molybdenum (Mo)	IS 8811 (by OES)
106	CHEMICAL- METALS & ALLOYS	Low alloy steel	Molybdenum(Mo)	ASTM E-415 (by OES)
107	CHEMICAL- METALS & ALLOYS	Low alloy steel	Nickel(Ni)	ASTM E-415 (by OES)
108	CHEMICAL- METALS & ALLOYS	Low alloy steel	Nickel(Ni)	IS 8811 (by OES)

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 7 of 38

Validity 14/04/2021 to 13/04/2023 **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
109	CHEMICAL- METALS & ALLOYS	Low alloy steel	Nitrogen(N)	ASTM E-415 (by OES)
110	CHEMICAL- METALS & ALLOYS	Low alloy steel	Nitrogen(N)	IS 8811 (by OES)
111	CHEMICAL- METALS & ALLOYS	Low alloy steel	Phosphorus(P)	ASTM E-415 (by OES)
112	CHEMICAL- METALS & ALLOYS	Low alloy steel	Phosphorus(P)	IS 8811 (by OES)
113	CHEMICAL- METALS & ALLOYS	Low alloy steel	Silicon (Si)	IS 8811 (by OES)
114	CHEMICAL- METALS & ALLOYS	Low alloy steel	Silicon(Si)	ASTM E-415 (by OES)
115	CHEMICAL- METALS & ALLOYS	Low alloy steel	Sulphr (S)	IS 8811 (by OES)
116	CHEMICAL- METALS & ALLOYS	Low alloy steel	Sulphur(S)	ASTM E-415 (by OES)
117	CHEMICAL- METALS & ALLOYS	Low alloy steel	Tin(Sn)	ASTM E-415 (by OES)
118	CHEMICAL- METALS & ALLOYS	Low alloy steel	Tin(Sn)	IS 8811 (by OES)
119	CHEMICAL- METALS & ALLOYS	Low alloy steel	Titanium(Ti)	ASTM E-415 (by OES)
120	CHEMICAL- METALS & ALLOYS	Low alloy steel	titanium(Ti)	IS 8811 (by OES)
121	CHEMICAL- METALS & ALLOYS	Low alloy steel	Zirconium(Zr)	ASTM E-415 (by OES)
122	CHEMICAL- METALS & ALLOYS	Low alloy steel	Zirconium(Zr)	IS 8811 (by OES)
123	CHEMICAL- METALS & ALLOYS	Metals & Alloys (Low Alloy Steel)	Carbon	IS 228(p-1)
124	CHEMICAL- METALS & ALLOYS	Metals & Alloys (Low Alloy Steel)	Carbon Equivalent	ATH-MOHALI /SOP-03 issue no 1, dtd
125	CHEMICAL- METALS & ALLOYS	Metals & Alloys (Low Alloy Steel)	Manganese	IS 228 (p-2)
126	CHEMICAL- METALS & ALLOYS	Metals & Alloys (Low Alloy Steel)	Phosphorus	IS 228 (p-3)
127	CHEMICAL- METALS & ALLOYS	Metals & Alloys (Low Alloy Steel)	Silicon	IS 228 (p-8)

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 8 of 38

Validity 14/04/2021 to 13/04/2023 **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
128	CHEMICAL- METALS & ALLOYS	Metals & Alloys (Low Alloy Steel)	Sulphur	IS 228 (p-9)
129	CHEMICAL- METALS & ALLOYS	Metals & Alloys (Low Alloy Steel)	Sulphur +Phosphorus	ATH-MOHALI /SOP 02 issue no 1, dtd
130	CHEMICAL- METALS & ALLOYS	Non Ferrous Metal Copper & Brass	aluminium(Al)	BS EN 15079
131	CHEMICAL- METALS & ALLOYS	Non Ferrous Metal Copper & Brass	Antimony	BS EN 15079
132	CHEMICAL- METALS & ALLOYS	Non Ferrous Metal Copper & Brass	Arsenic(As)	BS EN 15079
133	CHEMICAL- METALS & ALLOYS	Non Ferrous Metal Copper & Brass	Bismuth	BS EN 15079
134	CHEMICAL- METALS & ALLOYS	Non Ferrous Metal Copper & Brass	Boron(B)	BS EN 15079
135	CHEMICAL- METALS & ALLOYS	Non Ferrous Metal Copper & Brass	Cadmium	BS EN15079
136	CHEMICAL- METALS & ALLOYS	Non Ferrous Metal Copper & Brass	Chromium(Cr)	BS EN 15079
137	CHEMICAL- METALS & ALLOYS	Non Ferrous Metal Copper & Brass	Cobalt	BS EN 15079
138	CHEMICAL- METALS & ALLOYS	Non Ferrous Metal Copper & Brass	Copper	BS EN 15079
139	CHEMICAL- METALS & ALLOYS	Non Ferrous Metal Copper & Brass	Iron(Fe)	BS EN 15079
140	CHEMICAL- METALS & ALLOYS	Non Ferrous Metal Copper & Brass	Lead(Pb)	BS EN 15079
141	CHEMICAL- METALS & ALLOYS	Non Ferrous Metal Copper & Brass	Manganese(Mn)	BS EN 150179
142	CHEMICAL- METALS & ALLOYS	Non Ferrous Metal Copper & Brass	Nickel(Ni)	BS EN 15079
143	CHEMICAL- METALS & ALLOYS	Non Ferrous Metal Copper & Brass	Oxygen	BS EN 15079
144	CHEMICAL- METALS & ALLOYS	Non Ferrous Metal Copper & Brass	Phosphorus(P)	BS EN 15079
145	CHEMICAL- METALS & ALLOYS	Non Ferrous Metal Copper & Brass	silicon(Si)	BS EN 15079
146	CHEMICAL- METALS & ALLOYS	Non Ferrous Metal Copper & Brass	Tin (Sn)	BS EN 15079

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 9 of 38

Validity 14/04/2021 to 13/04/2023 **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
147	CHEMICAL- METALS & ALLOYS	Non Ferrous Metal Copper & Brass	Zinc (Zn)	BS EN 15079
148	CHEMICAL- METALS & ALLOYS	Reinforcement steel/ Structural Steel, Billet & Bloom	Macroetching	is 11371
149	CHEMICAL- METALS & ALLOYS	Reinforcement steel/ Structural Steel, Billet & Bloom	Niobium (as Nb)	IS 8811 / ASTM-E 415- 14
150	CHEMICAL- METALS & ALLOYS	Reinforcement steel/ Structural Steel, Billet & Bloom	Nitrogen (as N)	IS 228 Part 19
151	CHEMICAL- METALS & ALLOYS	Reinforcement steel/ Structural Steel, Billet & Bloom	Sulphur Print	IS 12037
152	CHEMICAL- METALS & ALLOYS	Reinforcement steel/ Structural Steel, Billet & Bloom	Vanadium (as V)	IS 8811 / ASTM-E 415- 14
153	CHEMICAL- METALS & ALLOYS	Stainless steel	Aluminium(Al)	ASTM-E-1086 (by OES)
154	CHEMICAL- METALS & ALLOYS	Stainless steel	Boron(B)	ASTM-E-1086 (by OES)
155	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon	ASTM-E-1086 (by OES)
156	CHEMICAL- METALS & ALLOYS	stainless steel	Carbon	IS 228(p-1)
157	CHEMICAL- METALS & ALLOYS	stainless steel	Chromium	IS 228 (p-6)
158	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium(Cr)	ASTM-E-1086 (by OES)
159	CHEMICAL- METALS & ALLOYS	Stainless steel	Cobalt(Co)	ASTM-E-1086 (by OES)
160	CHEMICAL- METALS & ALLOYS	Stainless steel	Copper (Cu)	ASTM-E-1086 (by OES)
161	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 228(p-2)
162	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese(Mn)	ASTM-E-1086 (by OES)
163	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum(Mo)	ASTM-E-1086 (by OES)
164	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 (P-5)
165	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel (Ni)	ASTM-E-1086 (by OES)

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 10 of 38

Validity 14/04/2021 to 13/04/2023 **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
166	CHEMICAL- METALS & ALLOYS	Stainless steel	Niobium(Nb)	ASTM-E-1086 (by OES)
167	CHEMICAL- METALS & ALLOYS	Stainless steel	Nitrogen(N)	ASTM-E-1086 (by OES)
168	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 228(p-3)
169	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorus(P)	ASTM-E-1086 (by OES)
170	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 228(p-8)
171	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon(Si)	ASTM-E-1086 (by OES)
172	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 228 (p-9)
173	CHEMICAL- METALS & ALLOYS	Stainless steel	Sulphur(S)	ASTM-E-1086 (by OES)
174	CHEMICAL- METALS & ALLOYS	Stainless steel	Tin(Sn)	ASTM-E-1086 (by OES)
175	CHEMICAL- METALS & ALLOYS	Stainless steel	Titanium (Ti)	ASTM-E-1086 (by OES)
176	CHEMICAL- METALS & ALLOYS	Stainless steel	Tungsten(W)	ASTM-E-1086 (by OES)
177	CHEMICAL- METALS & ALLOYS	Stainless steel	Vanadium(V)	ASTM-E-1086 (by OES)
178	CHEMICAL- METALS & ALLOYS	Stainless steel	Zirconium(Zr)	ASTM-E-1086 (by OES)
179	CHEMICAL- SOIL AND ROCK	soil	calcium carbonate	IS 2720(p-23)
180	CHEMICAL- SOIL AND ROCK	soil	Electrical Conductivity	IS 14767
181	CHEMICAL- SOIL AND ROCK	soil	organic matter	IS 2720(p-22)
182	CHEMICAL- SOIL AND ROCK	soil	pH	IS 2720 (P-26)
183	CHEMICAL- SOIL AND ROCK	soil	Total soluble solids	IS 2720(p-21)
184	CHEMICAL- WATER	Drinking water /Packaged Drinking water/Mineral water	Alkalinity	IS 3025(P-23)
185	CHEMICAL- WATER	Drinking water, packaged drinking water ,mineral water	Acidty	IS 3025(P-22)

SCOPE OF ACCREDITATION

Laboratory Name :	ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5723	**Page No**	11 of 38
Validity	14/04/2021 to 13/04/2023	**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
186	CHEMICAL- WATER	Drinking water, packaged drinking water ,mineral water	Calcium(As Ca)	IS 3025(P-40) EDTA method
187	CHEMICAL- WATER	Drinking water, packaged drinking water ,mineral water	Chloride (as Cl)	IS 3025(P-32)
188	CHEMICAL- WATER	Drinking water, packaged drinking water ,mineral water	Colour	IS 3025(p-4)
189	CHEMICAL- WATER	Drinking water, packaged drinking water ,mineral water	Magnesium (as Mg)	IS 3025(P-46) By calculation
190	CHEMICAL- WATER	Drinking water, packaged drinking water ,mineral water	Odour	IS 3025(P-5)
191	CHEMICAL- WATER	Drinking water, packaged drinking water ,mineral water	pH value	IS 3025(P-11)
192	CHEMICAL- WATER	Drinking water, packaged drinking water ,mineral water	Sulphate (As SO4)	IS 3025(P-24) Gravimetric Method
193	CHEMICAL- WATER	Drinking water, packaged drinking water ,mineral water	Total dissolved solids	IS 3025(P-16)
194	CHEMICAL- WATER	Drinking water, packaged drinking water ,mineral water	Total Hardness (As Ca CO3)	IS 3025(P-21)
195	CHEMICAL- WATER	Drinking water, packaged drinking water ,mineral water	Turbidity	IS 3025(p-10)
196	CHEMICAL- WATER	Effluent water(ETP/STP)	Bio Chemical Oxygen demand (BOD) 3 Days 27 Deg C	IS 3025(P-44)
197	CHEMICAL- WATER	Effluent water(ETP/STP)	Chemical Oxygen Demand (COD)	IS 3025 (p-58)
198	CHEMICAL- WATER	Effluent water(ETP/STP)	Colour	IS 3025 (p-4)
199	CHEMICAL- WATER	Effluent water(ETP/STP)	Oil & Grease	IS 3025(p-39) partition Gravimetric method
200	CHEMICAL- WATER	Effluent water(ETP/STP)	pH value	IS 3025(p-11)
201	CHEMICAL- WATER	Effluent water(ETP/STP)	Total Dissolved Solid	IS 3025(p-16)
202	CHEMICAL- WATER	Effluent water(ETP/STP)	Total suspended Solids	IS 3025 (p-17)
203	CHEMICAL- WATER	Water for construction purpose	Chloride	IS 3025(P-32) Argentometric method
204	CHEMICAL- WATER	Water for construction purpose	Fixed Residue/Organic solids	IS 3025(p-18)
205	CHEMICAL- WATER	Water for construction purpose	pH Value	IS 3025(P-11)
206	CHEMICAL- WATER	Water for construction purpose	Requirement of 0.02 NH2S04 to neutralise 100ml of water sample using mixed indicator	IS 3025(P-23)
207	CHEMICAL- WATER	Water for construction purpose	Requirement of 0.02N-NaOH to neutralise 100ml of water sample using phenolphthaline indicator	IS 3025 (P-22)
208	CHEMICAL- WATER	Water for construction purpose	Sulphate As SO3	IS 3025(p-24)
209	CHEMICAL- WATER	Water for construction purpose	Suspended matter	IS 3025(P-17)

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 12 of 38

Validity 14/04/2021 to 13/04/2023 **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
210	MECHANICAL- BUILDINGS MATERIALS		Hardness Mohs	IS:13630(P-13)
211	MECHANICAL- BUILDINGS MATERIALS	Cement/Hydraulic Cement/Portland Pozzolana Cement	Fineness by Dry sieving(90 micron)	IS:4031(P-1)
212	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimension(Width)	IS:2185(P-3)
213	MECHANICAL- BUILDINGS MATERIALS	ACC Block	Block Density	IS:6441(P-1)
214	MECHANICAL- BUILDINGS MATERIALS	ACC Block	Compressive Strength	IS:6441(P-5)
215	MECHANICAL- BUILDINGS MATERIALS	ACC Block	Dimension(Height)	IS:2185(P-3)
216	MECHANICAL- BUILDINGS MATERIALS	ACC Block	Dimension(Length)	IS:2185(P-3)
217	MECHANICAL- BUILDINGS MATERIALS	Bentonite	Moisture	IS:6186
218	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility Test	IS:1208
219	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point	IS:1448(P-69)
220	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Loss in Heating	IS:1212
221	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Matter Soluble in TCE	IS: 1216
222	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration Test	IS:1203
223	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS:1205
224	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS:1202
225	MECHANICAL- BUILDINGS MATERIALS	Building Bricks /Fly Ash Lime Bricks	Dimension (Height)	IS:1077
226	MECHANICAL- BUILDINGS MATERIALS	Building Bricks /Fly Ash Lime Bricks	Efflorescence	IS:3495(P-3)
227	MECHANICAL- BUILDINGS MATERIALS	Building Bricks/Fly Ash Lime Bricks	Compressive Strength	IS:3495(P-1)
228	MECHANICAL- BUILDINGS MATERIALS	Building Bricks/Fly Ash Lime Bricks	Dimension (Length)	IS:1077

SCOPE OF ACCREDITATION

Laboratory Name :	ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5723	**Page No**	13 of 38
Validity	14/04/2021 to 13/04/2023	**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
229	MECHANICAL- BUILDINGS MATERIALS	Building Bricks/Fly Ash Lime Bricks	Dimension(Width)	IS:1077
230	MECHANICAL- BUILDINGS MATERIALS	Building Bricks/Fly Ash lime Bricks	Water Absorption	IS:3495(P-2)
231	MECHANICAL- BUILDINGS MATERIALS	cement concrete floor tiles/chequered cement concrete tiles	dimension	IS:13801
232	MECHANICAL- BUILDINGS MATERIALS	Cement concrete floor tiles/chequered cement concrete tiles	Resistance to wear	IS:13801
233	MECHANICAL- BUILDINGS MATERIALS	cement concrete floor tiles/chequered cement concrete tiles	water absorption	IS:13801
234	MECHANICAL- BUILDINGS MATERIALS	cement concrete floor tiles/chequered cement concrete tiles	wet transverse	IS:13801
235	MECHANICAL- BUILDINGS MATERIALS	Cement/Hydraulic Cement/Portland Pozzolana cement	Compressive Strength	IS:4031(P-6)
236	MECHANICAL- BUILDINGS MATERIALS	Cement/Hydraulic Cement/Portland Pozzolana Cement	Consistency	IS:4031(P-4)
237	MECHANICAL- BUILDINGS MATERIALS	Cement/Hydraulic Cement/Portland Pozzolana Cement	Density/Specific Gravity	IS:4031(P-11)
238	MECHANICAL- BUILDINGS MATERIALS	Cement/Hydraulic Cement/Portland Pozzolana Cement	Final Setting Time	IS:4031(P-5)
239	MECHANICAL- BUILDINGS MATERIALS	Cement/hydraulic Cement/Portland Pozzolana Cement	Fineness(Blaine Air Permeability test)	IS:4031(P-2)
240	MECHANICAL- BUILDINGS MATERIALS	Cement/Hydraulic Cement/Portland Pozzolana Cement	Initial setting time	IS:4031(P-5)
241	MECHANICAL- BUILDINGS MATERIALS	Cement/Hydraulic Cement/Portland Pozzolana Cement	Soundness(Autoclave)	IS:4031(P-3)
242	MECHANICAL- BUILDINGS MATERIALS	Cement/Hydraulic Cement/Portland Pozzolana Cement	Soundness(Le-Chatelier)	IS:4031(P-3)
243	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% fine value	IS: 2386(P-4)
244	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material	IS: 2386(P-1) & P-2
245	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS: 2386(P-1)
246	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS:2386(P-1)
247	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS: 2386(P-4)

SCOPE OF ACCREDITATION

Laboratory Name :	ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5723	**Page No**	14 of 38
Validity	14/04/2021 to 13/04/2023	**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
248	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Loss Angeles Abrasion Test	IS: 2386(P-4)
249	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Moisture content	IS 2386 Part 3
250	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve size 2.36 mm to 100mm)	IS: 2386(P-1)
251	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness	IS: 2386(P-5)
252	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS: 2386(P-3)
253	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS: 2386(P-3)
254	MECHANICAL- BUILDINGS MATERIALS	coarse aggregates	crushing value	IS:2386 Pt-4 : 1963
255	MECHANICAL- BUILDINGS MATERIALS	Concrete Beam	Flexural Strength	IS:516
256	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS:516
257	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Permeability concrete test	IS:516(P-2)/section 1
258	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Splitting of tensile strength	IS 5816
259	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS:516
260	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS: 2386(P-3)
261	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material	IS: 2386(P-1) & P-2
262	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Sieve Analysis (Sieve size 150 micron to 10 mm)	IS: 2386(P-1)
263	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt Content	IS: 2386(P-1)
264	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness	IS: 2386(P-5)
265	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS: 2386(P-3)
266	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water absorption	IS: 2386(P-3)

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 15 of 38

Validity 14/04/2021 to 13/04/2023 **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
267	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS:1727
268	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by blaine Air	IS:1727
269	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Partical Retained on 45 micron sieve(Wet Sieving)	IS:1727
270	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness by Autoclave	IS:1727
271	MECHANICAL- BUILDINGS MATERIALS	Granite	Compression Strength	IS:1121(P-1)
272	MECHANICAL- BUILDINGS MATERIALS	Granite	Dry Density	IS:13030
273	MECHANICAL- BUILDINGS MATERIALS	Granite	Moisture Content	IS:13030
274	MECHANICAL- BUILDINGS MATERIALS	Granite	Specific Gravity	IS:1124
275	MECHANICAL- BUILDINGS MATERIALS	Granite	Water Absorption	IS:1124
276	MECHANICAL- BUILDINGS MATERIALS	Grey Iron Casting	Dimension	IS:210
277	MECHANICAL- BUILDINGS MATERIALS	Marble	Hardness	IS:13630(P-13)
278	MECHANICAL- BUILDINGS MATERIALS	Marble	Moisture absorption after 24 hours immersion in cold water	IS:1124
279	MECHANICAL- BUILDINGS MATERIALS	Marble	Specific Gravity	IS:1122
280	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (higher Width)	IS 15658 (amend no.2) Annex-B
281	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Abrasive Wear	IS:15658(Annex-E)
282	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Arris / Chamber (Width/Depth)	IS 15658 (amend no.2) Annex-B
283	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Aspect ratio	IS 15658 (amend no.2) Annex-B
284	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Breaking Load	IS 15658
285	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive strength	IS:15658(Annex-D)

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 16 of 38

Validity 14/04/2021 to 13/04/2023 **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
286	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Lower Width)	IS 15658 (amend no.2) Annex-B
287	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension(Thickness)	IS:15658(Annex-B)
288	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension: Length	IS 15658 (amend no.2) Annex-B
289	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Flexural Strength	IS 15658
290	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Freeze-thaw durability	IS 15658 (amend no.2)
291	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Plan area/ Wearing face	IS 15658 (amend no.2) Annex-B
292	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Squareness	IS 15658 (amend no.2) Annex-B
293	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Tensile Splitting Strength	IS 15658
294	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Thickness	IS 15658 (amend no.2) Annex-B
295	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Thickness of wearing layer	IS 15658 (amend no.2) Annex-B
296	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS:15658(Annex-C)
297	MECHANICAL- BUILDINGS MATERIALS	pressed ceramic /vertified tiles	water absorption	IS:13630(p-2)
298	MECHANICAL- BUILDINGS MATERIALS	Pressed ceramic/ vertified tiles	modules of rupture	IS:13630 (P-6)
299	MECHANICAL- BUILDINGS MATERIALS	pressed ceramic/vertified tiles	Crazing resistance	IS:13630(p-9)
300	MECHANICAL- BUILDINGS MATERIALS	pressed ceramic/vertified tiles	Determination of chemical resistance	IS:13630(p-7)
301	MECHANICAL- BUILDINGS MATERIALS	pressed ceramic/vertified tiles	Linear Thermal Expansion	IS:13630(p-4)
302	MECHANICAL- BUILDINGS MATERIALS	pressed ceramic/vertified tiles	Moisture Expansion	IS:13630(p-3)
303	MECHANICAL- BUILDINGS MATERIALS	pressed ceramic/vertified tiles	scratch Hardness Of surface	IS:13630(p-13)
304	MECHANICAL- BUILDINGS MATERIALS	Wood/Flush Door	Density	IS:2380(P-3)

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 17 of 38

Validity 14/04/2021 to 13/04/2023 **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
305	MECHANICAL- BUILDINGS MATERIALS	Wood/Flush Door	Knife Test	IS:4020(P-14)
306	MECHANICAL- BUILDINGS MATERIALS	wood/Flush Door	Moisture Content	IS:2380(P-3)
307	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Alloy Milk Cans	Air Pressure	IS:1825
308	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Alloy Milk Cans	Capacity	IS:1825
309	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Alloy Milk Cans	Dimension	IS:1825
310	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Alloy Milk Cans	Drop Test	IS:1825
311	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Butterfly valves for general purpose	Dimension	IS:13095
312	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Butterfly valves for general purpose	Disc strength test	IS:13095
313	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Butterfly valves for general purpose	Nominal Pressure	IS:13095
314	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Cast Iron and malleable cast iron	Dimension	IS:6418
315	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Cast Iron and malleable cast iron	Pressure and Temperature Rating	IS:6418
316	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Cast iron casting	Tensile Strength	IS:1608(P-1)
317	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Cast Iron Fitting For Pressure Pipe For Water, Gas, Sewage	Brinell Hardness	IS:1500(P-1)
318	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Cast Iron Fitting For Pressure Pipe For Water, Gas, Sewage	Dimension	IS:1538

SCOPE OF ACCREDITATION

Laboratory Name :	ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5723	**Page No**	18 of 38
Validity	14/04/2021 to 13/04/2023	**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
319	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cast Iron Fitting For Pressure Pipe For Water, Gas, Sewage	Hydrostatic Test	IS:1538
320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cast Iron Fitting For Pressure Pipe For Water, Gas, Sewage	Mass	IS:1538
321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Centrifugally Cast (Spun) ductile iron Pressure	Joint	IS:8329
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Centrifugally cast (Spun)Ductile Iron Pressure	Brinell Hardness	IS:1500(P-1)
323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Centrifugally cast (Spun)Ductile Iron Pressure	Classification	IS:8329
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Centrifugally cast (Spun)Ductile Iron Pressure	Dimension	IS:8329
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Centrifugally cast (Spun)Ductile Iron Pressure	Hydro-static Test	IS:8329
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Centrifugally cast (Spun)Ductile Iron Pressure	Straightness	IS:8329
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Centrifugally Cast(Spun) Iron Pressure Pipe For water	Brinell Hardness	IS:1500(P-1)
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Centrifugally Cast(Spun) Iron Pressure Pipe For water	Deviation From Straight Line	IS:1536
329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Centrifugally Cast(Spun) Iron Pressure Pipe For water	Dimension	IS:1536
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Centrifugally Cast(Spun) Iron Pressure Pipe For water	Hydrostatic Test	IS:1536
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Centrifugally Cast(Spun) Iron Pressure Pipe For water	Mass	IS:1536
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Centrifugally Cast(Spun) Iron Pressure Pipe For water	Tensile Strength	IS:1608(P-1)

SCOPE OF ACCREDITATION

Laboratory Name :	ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5723	**Page No**	19 of 38
Validity	14/04/2021 to 13/04/2023	**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
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cold Reduced Carbon Steel Sheet For Cold Forming	0.2% Proof Stress	IS:1608(P-1)
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cold Reduced Carbon Steel Sheet For Cold Forming	Bend Test	IS:1599
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cold Reduced Carbon Steel Sheet For Cold Forming	Dimension	IS:513
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cold Reduced Carbon Steel Sheet For Cold Forming	Ericson Cupping Test	IS:10175
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cold Reduced Carbon Steel Sheet For Cold Forming	Rockwell Hardness (HRB)	IS:1586(P-1)
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cold Reduced Carbon Steel Sheet For Cold Forming	Tensile Strength	IS:1608(P-1)
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cold Reduced Carbon Steel Sheet For Cold Forming	Vickers Hardness	IS:1501(P-1)
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cold Reduced Carbon Steel Sheet For Cold Forming	Yield Stess	IS:1608(P-1)
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Alloy Gate, Globe & Check Valves For Water Works Purpose	Dimension	IS:778
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	CRC/HRC Sheet	% Elongation	IS 513 / IS 1079: 73 / IS 2721 / IS 1608 Part 1
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	CRC/HRC Sheet	Ericson Cupping Test	IS 10175 Part 1
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	CRC/HRC Sheet	Ericson Cupping Test	IS:10175
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	CRC/HRC Sheet	Hardness HRB	IS 1586 Part 2
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	CRC/HRC Sheet	Mass	IS 513 / IS 1079: 73 / IS 2721 / IS 1608 Part 1

SCOPE OF ACCREDITATION

Laboratory Name :	ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5723	**Page No**	20 of 38
Validity	14/04/2021 to 13/04/2023	**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
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	CRC/HRC Sheet	Tensile strength	IS 513 / IS 1079: 73 / IS 2721 / IS 1608 Part 1
348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	CRC/HRC Sheet	Yield srength	IS 513 / IS 1079: 73 / IS 2721 / IS 1608 Part 1
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Iron Fitting for pressure pipe for water	Brinell Hardness	IS:1500(P-1)
350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Iron Fitting for pressure pipe for water	Elongation Test	IS:1608(P-1)
351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Iron Fitting for pressure pipe for water	HYDRO STATIC TEST	IS:9523
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Iron Fitting for pressure pipe for water	Joints	IS:9890
353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Iron fittings for pressure pipe for water	Dimension	IS:9523
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Iron fittings for pressure pipe for water	Joints	IS:9523
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ductile Iron fittings for pressure pipe for water	Tensile Strength	IS:1608(P-1)
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	ferrous material	Brinell hardness	IS:1500(p-1)
357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material	Rockwell hardness (Scale b & scale C)	IS:1586 (P-2)
358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous product & welded specimen	Bend Test/ Root Bend/ Face Bend/ Side Bend	IS:3600 (P-5)
359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous product & welded specimen	bend test/ root bend/face bend/side beand	ASME(SEC-IX)
360	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous product & welded specimen	bend test/root bend/ face bend/ side bend	IS:1599

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 21 of 38

Validity 14/04/2021 to 13/04/2023 **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
361	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous product & welded specimen	bend test/root bend/face bend/side bend	IS:3600(p-7)
362	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous product& welded specimen	bend test/root bend /face bend /side bend	BS-EN-ISO-5173
363	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous/Non ferrous product/Al,Cu,Brass	Tensile Strength	IS:1608
364	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous products /Al,Cu,Brass	Elongation	IS:1608
365	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous Products /Al,Cu,Brass	Reduction in Area	IS:1608
366	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous/Non Ferrous products/Al,Cu,Brass	Yield Stress/0.2% proof Stress	IS:1608
367	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Free Cutting Brass Bars, Rod Section	Dimension	IS:319
368	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Free Cutting Brass Bars, Rod Section	Elongation Test	IS:1608(P-1)
369	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Free Cutting Brass Bars, Rod Section	Tensile Strength	IS:1608(P-1)
370	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Free Cutting Brass Bars, Rod Section	Vickers Hardness	IS:1501(P-1)
371	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Barbed wire for Fencing	Dimension	IS:278
372	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Barbed wire for fencing	Ductility Test	IS:1755
373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Barbed wire for fencing	Elongation Test	IS:1608(P-1)
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Barbed wire for fencing	Tensile Strength	IS 1608(P-1)

SCOPE OF ACCREDITATION

Laboratory Name :	ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5723	**Page No**	22 of 38
Validity	14/04/2021 to 13/04/2023	**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
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Barbed wire for fencing	Yield Stress	IS:1608(P-1)
376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Chain Link Fence Fabric	Bend Test	IS:1721
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Chain link Fence Fabric	Dimension	IS:2721
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Chain link Fence Fabric	Tensile Strenjgth	IS:1608(P-1)
379	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Chain Link Fence Fabric	Twist Test	IS:1717
380	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Chain Link Fence Fabric	Wrapping Test	IS:1755
381	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Strip (Plain And Corrugated)	Dimension	IS:277
382	MECHANICAL-MECHANICAL PROPERTIES OF METALS	General Purpose ball valves	Dimension	IS:9890
383	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Grey Iron Casting	Hydrostastic Test	IS:210
384	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Grey Iron Casting	Mass	IS:277
385	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Grey Iron Casting	Transverse Test	IS:210
386	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Grey Iron Casting	Brinell Hardness	IS:1500(P-1)
387	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Grey Iron Casting	Dimension	210
388	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Grey Iron Casting	Elongation	IS:1608(P-1)

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 23 of 38

Validity 14/04/2021 to 13/04/2023 **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
389	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Grey Iron Casting	Yield Stress	IS:1608(P-1)
390	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Tensile Brass Rods And Section	0.2 Proof Stress	IS:1608(P-1)
391	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Tensile Brass Rods And Section	Dimension	IS:320
392	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Tensile Brass Rods And Section	Elongation Test	IS:1608(P-1)
393	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Tensile Brass Rods And Section	Tensile Strength	IS:1608(P-1)
394	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow steel section	Dimension	IS:4923
395	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Steel Section	Elongation	IS:1608(P-1)
396	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow steel section	Mass	IS:4923
397	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow steel section	oiling	IS:4923
398	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow steel section	Protect of ends	IS:4923
399	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow steel section	straightness	IS:4923
400	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow steel section	Tensile Strength	IS:1608(P-1)
401	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow steel section	Twist	IS:4923
402	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Steel Section	Yield Stress	IS:1608(P-1)

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 24 of 38

Validity 14/04/2021 to 13/04/2023 **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
403	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Horizontally Cast Iron Double Flange Pipe for water gas sewage	Brinell Hardness	IS:1500(P-1)
404	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Horizontally Cast Iron Double Flange Pipe for water gas sewage	Dimesnsion	IS:7181
405	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Horizontally Cast Iron Double Flange Pipe for water gas sewage	Elongation Test	IS:1608(P-1)
406	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Horizontally Cast Iron Double Flange Pipe for water gas sewage	Hydro static Pressure	IS:1789
407	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Horizontally Cast Iron Double Flange Pipe for water gas sewage	Mass	IS:7181
408	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Horizontally Cast Iron Double Flange Pipe for water gas sewage	Permissible Deviation from a straight line	IS:1781
409	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Horizontally Cast Iron Double Flange Pipe for water gas sewage	Tensile Strength	IS:1608(P-1)
410	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Horizontally Cast Iron Double Flange Pipe for water gas sewage	Yield Stress	IS:1608(P-1)
411	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Sheet	Tensile Strength	IS:1608(P-1)
412	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Sheet	Bend Test	IS:1599
413	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Sheet	Elongation Test	IS:1608(P-1)
414	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Sheet	Ericson Cupping Test	IS:10175
415	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Carbon Steel Sheet	Strain Agening Test	IS:1078
416	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium & High Tensile Structural Steel	Bend Test	IS:1599

SCOPE OF ACCREDITATION

Laboratory Name :	ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5723	**Page No**	25 of 38
Validity	14/04/2021 to 13/04/2023	**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
417	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium & High Tensile Structural Steel	Charpy Impact Test	IS:1757(P-1)
418	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium & High Tensile Structural Steel	Elongation	IS:1608(P-1)
419	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium & High Tensile Structural Steel	Tensile Strength	IS:1608(P-1)
420	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium & High Tensile Structural Steel	Yield Stress	IS:1608(P-1)
421	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HOT ROLLED STEEL NARROW	Bend Test	IS:1599
422	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HOT ROLLED STEEL NARROW	Elongation test	IS:1608(P-1)
423	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled steel narrow	Tensile strength	IS:1608(P-1)
424	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled steel narrow	yield stress	IS:1608(P-1)
425	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled steel strip	Dimension	IS:1730
426	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HOT rolled Steel Strip	Elongation	IS:1599
427	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled steel strip	Tensile Strength	IS:1608(P-1)
428	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled steel strip	yield Stress	IS:1608(P-1)
429	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Leaded Tin Bronze Ingots & Casting	0.2% Proof Stress	IS:1608(P-1)
430	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Leaded Tin Bronze Ingots & Casting	Elongation Test	IS:1608(P-1)

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 26 of 38

Validity 14/04/2021 to 13/04/2023 **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
431	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Leaded Tin Bronze Ingots & Casting	Tensile Strength	IS:1608(P-1)
432	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Location of By pass and Drain connection for valve	Dimension	IS:9625
433	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Malleable Cast Iron Pipe Fitiing	Dimension	IS:1879
434	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Malleable Cast Iron Pipe Fitiing	Threads	IS:554
435	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Malleable Cast Iron Pipe Fitting	Alignment Of threads	IS:1879
436	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Malleable Cast Iron Pipe Fitting	Chamfering	IS:1879
437	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Malleable Cast Iron Pipe Fitting	Compression Test	IS:1879
438	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Malleable Cast Iron Pipe Fitting	Mass	iS:1879
439	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Malleable Cast Iron Pipe Fitting	Pressure Test	IS:1879
440	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel & Medium Tensile steel Bars & Hard Drawn Steel Wire	Bend Test	IS:1599
441	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel & Medium Tensile steel Bars & Hard Drawn Steel Wire	Dimension	IS:432(P-1)
442	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel & Medium Tensile steel Bars & Hard Drawn Steel Wire	Dimension	IS:432(P-2)
443	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel & Medium Tensile steel Bars & Hard Drawn Steel Wire	Elongation	IS:1608(P-1)
444	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel & Medium Tensile steel Bars & Hard Drawn Steel Wire	Mass	IS:432(P-1)

SCOPE OF ACCREDITATION

Laboratory Name :	ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5723	**Page No**	27 of 38
Validity	14/04/2021 to 13/04/2023	**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
445	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel & Medium Tensile steel Bars & Hard Drawn Steel Wire	Tensile Strength	IS:1608(P-1)
446	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel & Medium Tensile steel Bars & Hard Drawn Steel Wire	Yield stress	IS:1608(P-1)
447	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel Wire For General Engineering Purpose	Bend Test	IS:280
448	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel Wire For General Engineering Purpose	Dimension	IS: 280
449	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel Wire For General Engineering Purpose	Elongation Test	IS:1608(P-1)
450	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel Wire For General Engineering Purpose	Tensile Strength	IS:1608(P-1)
451	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel Wire For General Engineering Purpose	Wrapping Test	IS:1755
452	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel Wire For General Engineering Purpose	Yield Stress	IS:1608 (P-1)
453	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON- FERROUS	Brinell hardness	IS:1500(p-1)
454	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non- ferrous product	Rockwell hardness(Scale b&c)	IS:1586(p-2)
455	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe Flange	Temperature Pressure Rating	IS:13159(P-1)
456	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel bar and Flats	Brinell Hardness	IS:1500(P-1)
457	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel bar and Flats	Charpy Impact test	IS:1499
458	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Bar and Flats	Dimension	6603

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 28 of 38

Validity 14/04/2021 to 13/04/2023 **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
459	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel bar and Flats	Elongation	IS:1608(P-1)
460	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel bar and Flats	Rockwell Hardness (HRB,HRC)	IS:1586(P-1)
461	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Bar and Flats	Tensile Strength	IS:1608(P-1)
462	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel bar and Flats	Yield Stress	IS:1608(P-1)
463	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Plate and Sheet	0.2% Proof Stress	IS:1608(P-1)
464	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Plate and Sheet	Bend Test	IS:6911
465	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Plate and Sheet	Brinell Hardness	IS:1500(P-1)
466	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Plate and Sheet	Elongation	IS:1608(P-1)
467	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Plate and Sheet	Erichson Cupping Test	IS:10175
468	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Plate and Sheet	Rockwell Hardness(HRB,HRC)	IS:1586(P-1)
469	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Plate and Sheet	Tensile Strength	IS:1608(P-1)
470	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Plate and Sheet	Vickers Hardness	IS:1501(P-1)
471	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Sheet	0.2% Proof stress	IS:1608(P-1)
472	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Sheet	Brinell Hardness	IS:1500(P-1)

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 29 of 38

Validity 14/04/2021 to 13/04/2023 **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
473	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Sheet	Camber	IS:5522
474	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Sheet	Dimension	IS:5522
475	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Sheet	Elongation Test	IS:1608|(P-1)
476	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Sheet	Ericson Cupping Test	IS:10175
477	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Sheet	Rockwell Hardness (HRB,HRC)	IS:1586(P-1)
478	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Sheet	Tensile Strength	IS:1608(P-1)
479	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Sheet	VIckers Hardness	IS:1501(P-1)
480	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel sinks	construction and workmanship	IS:13983
481	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless steel sinks	Dimension	IS:13983
482	MECHANICAL-MECHANICAL PROPERTIES OF METALS	stainless steel sinks	over flow	IS:13983
483	MECHANICAL-MECHANICAL PROPERTIES OF METALS	stainless steel sinks	visual examination	IS:13983
484	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Wire	Dimension	IS:6528
485	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Wire	Elongation	IS:1608(P-1)
486	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Wire	Reduction %	IS:1608(P-1)

SCOPE OF ACCREDITATION

Laboratory Name :	ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5723	**Page No**	30 of 38
Validity	14/04/2021 to 13/04/2023	**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
487	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Wire	Reverse Bend Test (at ambient temperature)	IS:1716
488	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Wire	Tensile Strength	IS:1608(P-1)
489	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Wire	Torsion Test	IS:1717
490	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Wire	Wrapping Test	IS:1755
491	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Wire	Yield Stress	IS:1608(P-1)
492	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipes For water and Sewage	Dimension	IS:3589
493	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipes For water and Sewage	Elongation Test	IS:1608(P-1)
494	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipes For water and Sewage	Flatting Test	IS:2328
495	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipes For water and Sewage	Guided Bend Test	IS:3589
496	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipes For water and Sewage	Hydro static Test Pressure	IS:3589
497	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipes For water and Sewage	Joints	IS:3589
498	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipes For water and Sewage	Mass per meter	IS:3589
499	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipes For water and Sewage	Straightness	IS:3589
500	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipes For water and Sewage	Tensile Test	IS:1608(P-)

SCOPE OF ACCREDITATION

Laboratory Name :	ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5723	**Page No**	31 of 38
Validity	14/04/2021 to 13/04/2023	**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
501	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipes For water and Sewage	Yield Stress	IS:1608(P-1)
502	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for Bicycle & cycle Rickshaws	Crushing Test	IS:3601
503	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Bicycle & Cycle Rickshaws	Dimension	IS:2039 (P-1 to 3)
504	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for Bicycle & cycle Rickshaws	Drift Expansion Test	IS:2335
505	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for Bicycle & cycle Rickshaws	Elongation Test	IS:1608(P-1)
506	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Bicycle & Cycle Rickshaws	Fin Height	IS:2039(P-1 to 3)
507	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for Bicycle & cycle Rickshaws	Flattening Test	IS:2328
508	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Bicycle & Cycle Rickshaws	Straightness Test	IS:2039(P-1 to 3)
509	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Bicycle & Cycle Rickshaws	Tensile Strength	IS:1608(P-1)
510	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for Bicycle & cycle Rickshaws	Yield Stress	IS:1608(P-1)
511	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for idles for belt conveyors	Brinell Hardness	IS:1500 (P-1)
512	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for idles for belt conveyors	Drift Expansion Test	IS:2335
513	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for idles for belt conveyors	Elongation	IS:1608(P-1)
514	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for idles for belt conveyors	Flatting Test	IS:2328

SCOPE OF ACCREDITATION

Laboratory Name :	ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5723	**Page No**	32 of 38
Validity	14/04/2021 to 13/04/2023	**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
515	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for idles for belt conveyors	Mass	IS:9295
516	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for idles for belt conveyors	Rockwell Hardness(HRB & HRC)	IS:1586(P-1)
517	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for idles for belt conveyors	Straightness	IS:9295
518	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for idles for belt conveyors	Tensile Strength	IS:1608(P-1)
519	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for idles for belt conveyors	VICKER HARDNESS	IS:1501(P-1)
520	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes for idles for belt conveyors	Yield stress	IS:1608 (P-1)
521	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Mechanical And General	Bend Test	IS:2329
522	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Mechanical And General	Crushing Test	IS:3601
523	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Mechanical And General	Dimension	IS:3601
524	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Mechanical And General	Drift Expansion Test	IS:2335
525	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Mechanical And General	Elongation	IS:1608(P-1)
526	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Mechanical And General	Flattening Test	IS:2328
527	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Mechanical And General	Straightness	IS:3601
528	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Mechanical And General	Tensile Strength	IS:1608(P-1)

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 33 of 38

Validity 14/04/2021 to 13/04/2023 **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
529	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Mechanical And General	Threads	IS:3601
530	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Mechanical And General	Yield Stress	IS:1608(P1)
531	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purpose	Cold Bend Test	IS:2329
532	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purpose	Dimension	IS:1161
533	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purpose	Elongation	IS:1608(P-1)
534	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purpose	Flattening Test	IS:2328
535	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purpose	Mass	IS:1161
536	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purpose	Straightness	IS:1161
537	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purpose	Tensile Strength	IS:1608(P-1)
538	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purpose	Yield Stress	IS:1608(P-1)
539	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes Used For Water Wells	Dimension	IS:4270
540	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes Used For Water Wells	Elongation	IS:1608(P-1)
541	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes Used For Water Wells	Flattening Test	IS:2328
542	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes Used For Water Wells	Hydrostatic Test	IS:4270

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 34 of 38

Validity 14/04/2021 to 13/04/2023 **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
543	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes Used For Water Wells	Joints	IS:4270
544	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes Used For Water Wells	Mass	IS:4270
545	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes Used For Water Wells	Protect of Ends	IS:4270
546	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes Used For Water Wells	Straightness Test	IS:4270
547	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes Used For Water Wells	Tensile Strength	IS:1608(P-1)
548	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes Used For Water Wells	Threads Alignment Test	IS:4270
549	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes Used For Water Wells	Yield Stress	IS:1608(P-1)
550	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubular & Other Steel Fitting	Bend Test	IS:2329
551	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubular & Other Steel Fitting	Dimension	IS:1239(P-2)
552	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubular & Other Steel Fitting	Draft Expanding Test	IS:2335
553	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubular & Other Steel Fitting	Elongation Test	IS:1608(P-1)
554	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubular & Other Steel Fitting	Flattening Test	IS:2328
555	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubular & Other Steel Fitting	Joint	IS:1239(P-2)
556	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubular & Other Steel Fitting	Leak Proof Test	IS:8999

SCOPE OF ACCREDITATION

Laboratory Name :	ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5723	**Page No**	35 of 38
Validity	14/04/2021 to 13/04/2023	**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
557	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubular & Other Steel Fitting	Mass	IS:1239(P-2)
558	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubular & Other Steel Fitting	Tensile Strength	IS:1608(P-1)
559	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubular & Other Wrought Steel Fitting	Bend Test	IS:2329
560	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubular & Other Wrought Steel Fitting	Dimension	IS:1329(P-1)
561	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubular & Other Wrought Steel Fitting	Drift Expanding Test	IS:2335
562	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubular & Other Wrought Steel Fitting	Elongation	IS;1608(P-1)
563	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubular & Other Wrought Steel Fitting	Flattening Test	IS:2328
564	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubular & Other Wrought Steel Fitting	Joint	IS:8999
565	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubular & Other Wrought Steel Fitting	Leak Proof Test	IS:1239(P-1)
566	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubular & Other Wrought Steel Fitting	Mass	IS:1239(P-1)
567	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubular & Other Wrought Steel Fitting	Tensile Strength	IS:1608(P-1)
568	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel wire for mechanical spring	Bend Test	IS:4454(P-1)
569	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel wire for mechanical spring	Deep etch Test coaling and stretching test	IS:4454(P-1)
570	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel wire for mechanical spring	Dimension	IS:4454(P-1)

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 36 of 38

Validity 14/04/2021 to 13/04/2023 **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
571	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel wire for mechanical spring	Tensile strength	IS:1608(P-1)
572	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel wire for mechanical spring	Torsion Test	IS:1717
573	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel wire for mechanical spring	wrapping test	is:1755
574	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel/ Reinforcement/Structural Steel	Bend Test	IS:2062
575	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel/Reinforcement/Structural Steel	Bend Test	IS:1599
576	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel/Reinforcement/Structural Steel	bend Test	IS:2062
577	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel/Reinforcement/Structural Steel	Elongation	IS:1608
578	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel/Reinforcement/Structural Steel	Pull out Test	IS:2770(P-1)
579	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel/Reinforcement/Structural Steel	Re-bend Test	IS:1786
580	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel/Reinforcement/Structural steel	Tensile Strength	IS:1608
581	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel/Reinforcement/Structural steel	Yield Stress/0.2% proof Stress	IS:1608
582	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel/Reinforcement/Structural Steel/ Billet & Bloom	Dimension	IS 2830
583	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel/Reinforcement/Structural Steel/ Billet & Bloom	Mass	IS 1786
584	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel/Reinforcement/Structural Steel/ Billet & Bloom	Total percentage of elongation at maximum force (agt)	IS 1786 /IS 1608

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5723 **Page No** 37 of 38

Validity 14/04/2021 to 13/04/2023 **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
585	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded wire	0.2% proof load/ Yield strength	IS 1608 Part 1
586	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded wire	Breaking strength	IS 14268 / IS 1608 Part 1
587	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded wire	Dimension (dia)	IS 14268
588	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded wire	Elongation	IS 14268
589	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded wire	Mass	IS 14268
590	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Thin walled Flexible quick coupling pipes	Dimension	IS:11722
591	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Thin walled flexible quick coupling pipes	Elongation Test	IS:1608(P-1)
592	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Thin walled flexible quick coupling pipes	Flattening Test	IS:2328
593	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Thin walled flexible quick coupling pipes	Nominal Pressure	IS:13095
594	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Thin walled flexible quick coupling pipes	Straightness	IS:11722
595	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Thin walled flexible quick coupling pipes	Tensile strength	IS:1608(P-1)
596	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Thin walled flexible quick coupling pipes	Yield stress	IS:1608(P-1)
597	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes & pipes	Flattening Test(75%,60% & close flattening)	IS:2328
598	MECHANICAL- SOIL AND ROCK	Soil	CBR value	IS:2720 (P-16)

SCOPE OF ACCREDITATION

Laboratory Name :	ALPHA TEST HOUSE, 160, INDUSTRIAL AREA, PHASE- IX, SAS NAGAR, MOHALI, PUNJAB, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5723	**Page No**	38 of 38
Validity	14/04/2021 to 13/04/2023	**Last Amended on**	-

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599	MECHANICAL- SOIL AND ROCK	Soil	Degree of compaction	IS:2720 (P-6)
600	MECHANICAL- SOIL AND ROCK	Soil	Free swell index	IS:2720 (P-40)
601	MECHANICAL- SOIL AND ROCK	Soil	Grain size analysis	IS:2720 (P-4)
602	MECHANICAL- SOIL AND ROCK	Soil	Liquid limit	IS:2720(P-5)
603	MECHANICAL- SOIL AND ROCK	Soil	MDD (Heavy Compaction)	IS:2720(P-VIII)
604	MECHANICAL- SOIL AND ROCK	Soil	MDD (Light Compaction)	IS:2720(P-VII)
605	MECHANICAL- SOIL AND ROCK	Soil	Moisture content	IS:2720(P-2)
606	MECHANICAL- SOIL AND ROCK	Soil	OMC (Heavy compaction)	IS:2720 (P-VIII)
607	MECHANICAL- SOIL AND ROCK	Soil	OMC (Light compaction)	IS:2720(p-VII)
608	MECHANICAL- SOIL AND ROCK	Soil	Plastic limit	IS:2720 (P-5)
609	MECHANICAL- SOIL AND ROCK	Soil	Shear test	IS:2720 (p-13)
610	MECHANICAL- SOIL AND ROCK	Soil	Specific gravity	IS:2720 (P-2)

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.