National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AJEO TESTING LAB AND CONSULTANCY LLP, 51/1/34, SITE IV INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
LOCATION 1-51/1/34, SITE IV INDUSTRIAL AREA, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA Permanent Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
2	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Clay Lumps	IS 2386 (Part 2)
3	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Coal and Lignite	IS 2386(Part 2)
4	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 micron	IS 2386(Part 1)
5	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Organic Impurities	IS 2386 (Part 2)
6	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (10 mm, 4.75 mm, 2.36 mm, 1.18 mm, 0.600 mm, 0.300 mm, 0.150 mm)	IS 2386 (Part 1)
7	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness	IS 2386 (Part 5)
8	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
9	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
10	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content (Heavy Compaction)	IS 2720 (Part 8)
11	MECHANICAL- SOIL AND ROCK	Soil	CBR	IS 2720 (Part 16)
12	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
13	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (By Dry Sieving)	IS 2720 (Part 4)
14	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Wet Sieving)	IS 2720 (Part 4)
15	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
16	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density (Heavy Compaction)	IS 2720 (Part 8)
17	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density (Light Compaction)	IS 2720 (Part 7)

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18	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content (Light Compaction)	IS 2720 (Part 7)
19	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
20	MECHANICAL- SOIL AND ROCK	Soil	Plasticity Index	IS 2720 (Part 5)

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LOCATION 2 - 13A/8 SITE II LONI ROAD MOHAN NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Coarse and fine Aggregates	Chlorides	IS 6925
2	CHEMICAL- BUILDING MATERIAL	Coarse and fine Aggregates	Sulphate	BS 1881(P-124)
3	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS: 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride Content	IS: 6925
5	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS: 9103
6	CHEMICAL- BUILDING MATERIAL	Admixture	pH Value	IS: 9103
7	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS: 9103
8	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC &PSC)	Alumina (Al2O3)	IS: 4032
9	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC &PSC)	Chlorides (Cl)	IS: 4032
10	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC &PSC)	Insoluble Residue (IR)	IS: 4032
11	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC &PSC)	Iron Oxide (Fe2O3)	IS4032
12	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC &PSC)	Lime (CaO)	IS: 4032
13	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC &PSC)	Magnesia (MgO)	IS: 4032
14	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC &PSC)	Potash (K2O)	IS: 4032
15	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC &PSC)	Soda (Na2O)	IS: 4032
16	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC &PSC)	Sulphuric Anhydride (SO3)	IS: 4032
17	CHEMICAL- BUILDING MATERIAL	Cement (OPC,PPC & PSC)	Loss on Ignition	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Cement (OPC,PPC & PSC)	Silica	IS 4032

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19	CHEMICAL- BUILDING MATERIAL	Cement- Clinker	Iron Oxide (Fe2O3)	IS 4032
20	CHEMICAL- BUILDING MATERIAL	Cement-Clinker	Alumina(Al2O3)	IS 4031
21	CHEMICAL- BUILDING MATERIAL	Cement-Clinker	Chloride(Cl)	IS 4032
22	CHEMICAL- BUILDING MATERIAL	Cement-Clinker	Insoluble Residue (IR)	IS 4032
23	CHEMICAL- BUILDING MATERIAL	Cement-Clinker	Lime (CaO)	IS 4032
24	CHEMICAL- BUILDING MATERIAL	Cement-Clinker	Loss on Ignition	IS 4032
25	CHEMICAL- BUILDING MATERIAL	Cement-Clinker	Magnesia (MgO)	IS 4032
26	CHEMICAL- BUILDING MATERIAL	Cement-clinker	Potash (K2O)	IS 4032
27	CHEMICAL- BUILDING MATERIAL	Cement-Clinker	Silica	IS 4032
28	CHEMICAL- BUILDING MATERIAL	Cement-Clinker	Soda(Na2O)	IS 4032
29	CHEMICAL- BUILDING MATERIAL	Cement-Clinker	Sulphuric Anhydride (SO3)	IS 4032
30	CHEMICAL- BUILDING MATERIAL	Coarse and Fine Aggregate	Alkali Aggregate Reactivity (Reduction in Alkanity)	IS: 2386 (P-VII) (Cl.3)
31	CHEMICAL- BUILDING MATERIAL	Coarse and Fine Aggregate	Water soluble chloride	IS 14959 (P-1)
32	CHEMICAL- BUILDING MATERIAL	Coarse and fine Aggregates	Alkali Aggregate Reactivity (Soluble Silica)	IS: 2386 (P-VII) (Cl.3)
33	CHEMICAL- BUILDING MATERIAL	Coarse and fine Aggregates	Sulphates	IS 4032
34	CHEMICAL- BUILDING MATERIAL	Fly ash	Alumina (Al2O3)	IS : 1727
35	CHEMICAL- BUILDING MATERIAL	Fly ash	Available Alkali (Na2O)	IS 3812 (P-1) (Annex-C)
36	CHEMICAL- BUILDING MATERIAL	Fly ash	Chlorides (Cl)	IS: 4032
37	CHEMICAL- BUILDING MATERIAL	Fly ash	Iron Oxide (Fe2O3)	IS : 1727

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38	CHEMICAL- BUILDING MATERIAL	Fly ash	Lime (CaO)	IS : 1727
39	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss on Ignition (LOI)	IS : 1727
40	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesia (MgO)	IS : 1727
41	CHEMICAL- BUILDING MATERIAL	Fly ash	Potash (K2O)	IS : 4032
42	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica (SiO2)	IS : 1727
43	CHEMICAL- BUILDING MATERIAL	Fly ash	Soda (Na2O)	IS : 4032
44	CHEMICAL- BUILDING MATERIAL	Fly ash	Sulphuric Anhydride (SO3)	IS : 1727
45	CHEMICAL- BUILDING MATERIAL	Fresh & Hardened Concrete	Sulphates	IS 2317
46	CHEMICAL- BUILDING MATERIAL	Fresh and Hardened Concrete	Sulphates	BS 1881(pt-124)
47	CHEMICAL- BUILDING MATERIAL	Fresh Mortar & Concrete	Water & Acid Soluble Chloride	IS 14959(Pt-1)
48	CHEMICAL- BUILDING MATERIAL	Granulated Slag	Alumina (Al2O3)	IS: 4032
49	CHEMICAL- BUILDING MATERIAL	Granulated Slag	Insoluble Matter	IS: 4032
50	CHEMICAL- BUILDING MATERIAL	Granulated Slag	Iron Oxide (Fe2O3)	IS: 4032
51	CHEMICAL- BUILDING MATERIAL	Granulated Slag	Lime(CaO)	IS: 4032
52	CHEMICAL- BUILDING MATERIAL	Granulated Slag	Magnesia (MgO)	IS: 4032
53	CHEMICAL- BUILDING MATERIAL	Granulated Slag	Manganese Oxide (MnO)	IS: 4032
54	CHEMICAL- BUILDING MATERIAL	Granulated Slag	Moisture	IS: 4032
55	CHEMICAL- BUILDING MATERIAL	Granulated Slag	Silica (SiO2)	IS: 4032
56	CHEMICAL- BUILDING MATERIAL	Gypsum	Free Lime	IS: 2547 (P-1) (App-C

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57	CHEMICAL- BUILDING MATERIAL	Gypsum	Lime (Cao)	IS 1288
58	CHEMICAL- BUILDING MATERIAL	Gypsum	Loss on Ignition (LOI)	IS: 2547 (P-1)- (App-B)
59	CHEMICAL- BUILDING MATERIAL	Gypsum	Magnesia(MgO)	IS 2547(P-1)(App-A)
60	CHEMICAL- BUILDING MATERIAL	Gypsum	Sodium (Na2O)	IS: 2547 (P-1)(App-A)
61	CHEMICAL- BUILDING MATERIAL	Gypsum	Sulphates	IS 1288
62	CHEMICAL- BUILDING MATERIAL	Hardened Mortar & Concrete	Water & Acid Soluble Chloride	IS 14959 (Pt-2)
63	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Available Alkali (Na2O)	ASTM C311/C311M
64	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Available Alkali (Na2O)	IS 3812 (P-1)
65	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Loss on Ignition (LOI)	ASTM C311/C311M
66	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Loss on Ignition (LOI)	IS : 1727
67	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Moisture	ASTM C311/C311M
68	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Moisture	IS: 15388
69	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Silica (SiO2)	ASTM C311/C311M
70	CHEMICAL- BUILDING MATERIAL	Micro Silica, Silica Fumes	Silica (SiO2)	IS 1727
71	CHEMICAL- METALS & ALLOYS	Alloy Steel	Carbon	IS 228(P-1)
72	CHEMICAL- METALS & ALLOYS	Alloy Steel	Chromium	IS 228 (Part 6)
73	CHEMICAL- METALS & ALLOYS	Alloy Steel	Copper	IS 228(Part 15)
74	CHEMICAL- METALS & ALLOYS	Alloy Steel	Maganese	IS 228 (Part 2)
75	CHEMICAL- METALS & ALLOYS	Alloy Steel	Molybdenum	IS 228 (P-7)

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76	CHEMICAL- METALS & ALLOYS	Alloy Steel	Nickel	IS 228 (P-5)
77	CHEMICAL- METALS & ALLOYS	Alloy Steel	Phosphorus	IS 228 (P-3)
78	CHEMICAL- METALS & ALLOYS	Alloy Steel	Silicon	IS 228 (Part-8)
79	CHEMICAL- METALS & ALLOYS	Alloy Steel	Sulphur	IS 228 (Part 9)
80	CHEMICAL- METALS & ALLOYS	Carbon Steel	Carbon	IS 228 (Part 1)
81	CHEMICAL- METALS & ALLOYS	Carbon Steel	Manganese	IS 228 (part-2)
82	CHEMICAL- METALS & ALLOYS	Carbon Steel	Molybdenum	IS 228 (Part7)
83	CHEMICAL- METALS & ALLOYS	Carbon Steel	Phosphorous	IS 228 (Part 3)
84	CHEMICAL- METALS & ALLOYS	Carbon Steel	Silicon	IS 228 (Part-8)
85	CHEMICAL- METALS & ALLOYS	Carbon Steel	Sulphur	IS 228 (Part-9)
86	CHEMICAL- METALS & ALLOYS	Ferrous & Non Ferrous metals	Thickness of Anodic Coating	IS 5523
87	CHEMICAL- METALS & ALLOYS	Ferrous & Non Ferrous metals	Thickness of Chrome Plating	IS 3203
88	CHEMICAL- METALS & ALLOYS	Ferrous and Non Ferrous Metals	Thickness of Nickel Plating	IS 3203
89	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 228 (Part-1)
90	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 228 (part6)
91	CHEMICAL- METALS & ALLOYS	stainless steel	Maganese	IS 228 (part-2)
92	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 228(Part-7)
93	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 (Part-5)
94	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 228 (part-3)

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95	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 228 (Part-8)
96	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 228 (Part-9)
97	CHEMICAL- METALS & ALLOYS	Steel Products	Adhesion of coating (knife Test)	IS 2629
98	CHEMICAL- METALS & ALLOYS	Steel products	Mass of Zinc Coating	IS 6745
99	CHEMICAL- METALS & ALLOYS	Steel products	Uniformity of Coating	IS 2633
100	CHEMICAL- WATER	Construction Water	Sodium	IS 3025 (Part 45)
101	CHEMICAL- WATER	Battery Water	chloride	IS 3025 (P-32)
102	CHEMICAL- WATER	Battery Water	Electrical Conductivity	IS 3025 (P-14)
103	CHEMICAL- WATER	Battery Water	Iron	IS 3025 (Part 53)
104	CHEMICAL- WATER	Battery Water	Non Volatile Residue	IS 1069
105	CHEMICAL- WATER	Battery Water	pH Value	IS 3025 (Part 11)
106	CHEMICAL- WATER	Battery Water	Total Dissolved Solids	IS 3025 (Part 16)
107	CHEMICAL- WATER	Battery Water	Total Hardness	IS 3025 (Part 21)
108	CHEMICAL- WATER	Construction Water	Acidity	IS 3025 (Pt-22)
109	CHEMICAL- WATER	Construction water	Alkalinity	IS 3025 (pt-23)
110	CHEMICAL- WATER	Construction water	Chloride as cl	IS 3025 (Pt-32)
111	CHEMICAL- WATER	Construction water	Inorganic Solid	IS 3025 (Pt-18)
112	CHEMICAL- WATER	Construction Water	Organic Solid	IS 3025(P-18)
113	CHEMICAL- WATER	Construction Water	pH Value	IS 3025 (Pt-11)
114	CHEMICAL- WATER	Construction Water	Pottasium	IS 3025 (Part 45)
115	CHEMICAL- WATER	Construction Water	Sulphate as SO4	IS 3025 (Pt-24)
116	CHEMICAL- WATER	Construction water	Total Suspended Matter	IS 3025 (Pt-17)
117	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part 40)
118	CHEMICAL- WATER	Drinking Water	chloride	IS 3025 (Part 32)
119	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)
120	CHEMICAL- WATER	Drinking Water	Fluoride	IS: 3025 (Part-60)
121	CHEMICAL- WATER	Drinking Water	Free residual chlorine	IS 3025 (Part 26)

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122	CHEMICAL- WATER	Drinking Water	Hexavalent Chromium (as Cr+6)	IS 3025 (Part 52)
123	CHEMICAL- WATER	Drinking Water	Iron	IS 3025 (P-53)
124	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 (Part 46)
125	CHEMICAL- WATER	Drinking Water	Odor	IS 3025 (P-5)
126	CHEMICAL- WATER	Drinking Water	pH Value	IS 3025 P-11
127	CHEMICAL- WATER	Drinking Water	Pottasium	IS 3025 (Part 45)
128	CHEMICAL- WATER	Drinking Water	Silica as SiO2	IS 3025 (Part-35)
129	CHEMICAL- WATER	Drinking Water	Sodium	IS 3025 (Part 45)
130	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 (Part 24)
131	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
132	CHEMICAL- WATER	Drinking Water	Total Dissolve Solid (TDS)	IS:3025 (Part 16)
133	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (Part 21)
134	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (P-10)
135	CHEMICAL- WATER	Reagent Grade Water	Colour Retention of KMnO4	IS 1070
136	CHEMICAL- WATER	Reagent Grade water	pH Value	IS 3025 (Part 11)
137	CHEMICAL- WATER	Reagent Grade Water	Silica	IS 3025 (Part 35)
138	CHEMICAL- WATER	Reagent Grade Water	Specific Conductivity	IS 3025 (Part 14)
139	CHEMICAL- WATER	Reagent Grade Water	Total Solids	IS 3025 (P-16)
140	CHEMICAL- WATER	Water for Swimming Pool	Chloride as Cl	IS 3025 (Part 32)
141	CHEMICAL- WATER	Water for Swimming Pool	Colour	IS:3025 (Part 4)
142	CHEMICAL- WATER	Water for Swimming Pool	Free residual chlorine	IS 3025 (Part 26)
143	CHEMICAL- WATER	Water for Swimming Pool	Iron	IS 3025 (Part 53)
144	CHEMICAL- WATER	Water for Swimming Pool	Odor	IS:3025 (Part 5)
145	CHEMICAL- WATER	Water for Swimming Pool	pH	IS:3025 (Part 11)
146	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity as CaCO3	IS 3025 (Part 23)
147	CHEMICAL- WATER	Water for Swimming Pool	Total Dissolve Solid(TDS)	IS:3025 (Part 16)
148	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	IS 3025 (Part 10)
149	MECHANICAL- BUILDINGS MATERIALS	Bricks (Fuel ash Lime Brick/ Fly -ash Cement Brick/Silicate Brick)	Drying Shrinkage	IS 4139
150	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Bulk Density	IS 6441(Part 1)

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151	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimension (L, B, W)	IS 2185 (Part 3)
152	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Drying Shrinkage	IS 6441 (Part 2)
153	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Moisture	IS 6441(Part 1)
154	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Compressive Strength	IS 6441 (Part 5)
155	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete Blocks	Fire Test (up to 1200ºC) (3 Mtr X 3 Mtr X 1.2 Mtr)	ASTM E119
156	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
157	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
158	MECHANICAL- BUILDINGS MATERIALS	Building Brick/ Fuel Ash Lime brick	Efflorescence	IS 3495 (Part 3)
159	MECHANICAL- BUILDINGS MATERIALS	Building Bricks & Clay	Compressive Strength	IS 3495 (Part 1)
160	MECHANICAL- BUILDINGS MATERIALS	Building Bricks Clay	Dimension (L, B, W)	IS 1077
161	MECHANICAL- BUILDINGS MATERIALS	Building Bricks Clay/Fuel Ash Lime Brick/Fly ash-Cement Brick	Water Absorption	IS 3495 (Part 2)
162	MECHANICAL- BUILDINGS MATERIALS	Building Construction Materials	Fire Resistance Test	ASTM E 119
163	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Compressive Strength	IS 4031 (Part 6)
164	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Consistency	IS 4031(Part 4)
165	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Density	IS 4031(Part 11)
166	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Final Setting Time	IS 4031 (Part 5)
167	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Initial Setting Time	IS 4031(Part 5)
168	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Soundness by Autoclave	IS 4031 (Part 3)
169	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Soundness by Le-Chatelier	IS 4031 (Part 3)

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170	MECHANICAL- BUILDINGS MATERIALS	Cement(OPC/PPC/PSC)	Fineness by Blaine's Air permeability	IS 4031(Part 2)
171	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
172	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Clay Lumps	IS 2386 (P-2)
173	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Coal & Lignite	IS 2386 (P-2)
174	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Combined Flakiness & Elongation Index	IS 2386(P 1)
175	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Crushing Value	IS 2386 (P-4)
176	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material Finer than 75 Micron	IS 2386 (P 1)
177	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
178	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion Value	IS 2386 (Part 4)
179	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (80.0 mm, 63.0 mm, 40 mm, 20.0 mm, 16.0 mm, 12.5 mm, 10.0 mm, 4.75 mm, 2.36 mm)	IS 2386 (Part 1)
180	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness	IS 2386 (Part 5)
181	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
182	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
183	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 (P-4)
184	MECHANICAL- BUILDINGS MATERIALS	Door & Windows	Fire Resistance Test	BS EN 1634-1
185	MECHANICAL- BUILDINGS MATERIALS	Door & Windows	Fire Resistance Test	EN 1364-1
186	MECHANICAL- BUILDINGS MATERIALS	Door & Windows	Fire Resistance Test	ISO 3008 Part 1
187	MECHANICAL- BUILDINGS MATERIALS	Doors & Windows	Fire Resistance Test	BS 476-20

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188	MECHANICAL- BUILDINGS MATERIALS	Doors & Windows	Fire Resistance Test	IS 3614-2
189	MECHANICAL- BUILDINGS MATERIALS	Doors & Windows	Fire Resistance Test	IS 3809
190	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness by Blaine's Air Permeability	IS 1727
191	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Particle retained on 45 micron	IS 1727
192	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Specific Gravity	IS 1727
193	MECHANICAL- BUILDINGS MATERIALS	Fuel Ash Cement Brick	Dimension (L, B, W)	IS 16720
194	MECHANICAL- BUILDINGS MATERIALS	Fuel Ash- Cement Brick	Density	IS 2185 (Part 1)
195	MECHANICAL- BUILDINGS MATERIALS	Fuel Ash-Lime Brick	Dimension (L, B, W)	IS 12894
196	MECHANICAL- BUILDINGS MATERIALS	Gypsum Board Products	Fire Resistance Test	BS 476-20
197	MECHANICAL- BUILDINGS MATERIALS	Gypsum Board Products	Fire Resistance Test	BS EN 1634-1
198	MECHANICAL- BUILDINGS MATERIALS	Gypsum Board Products	Fire Resistance Test	EN1364-1
199	MECHANICAL- BUILDINGS MATERIALS	Gypsum Board Products	Fire Resistance Test	IS 3614-2
200	MECHANICAL- BUILDINGS MATERIALS	Gypsum Board Products	Fire Resistance Test	IS 3809
201	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Permeability Coefficient (5 bar 4 cycles	CPWD Vol. 2 cl.22.14.2
202	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Chloride migration coefficient	NT Built 492
203	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Chloride migration coefficient	SIA 262/1-B
204	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516 Part 1(Sec-1)
205	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Drying Shrinkage	IS 516 : Part 6
206	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Initial Surface Absorption	BS 1881-208

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207	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Initial Surface absorption Test	IS 516 (P-2 Sec-2):
208	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Moisture Movement	IS 516 : Part 6
209	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	RCPT	ASTM C1202
210	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Water absorption	BS 1881 (P-122)
211	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Water Permeability	DIN1048 (P-5)
212	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Water Permeability	EN 12390-8
213	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Water Permeability	IS 516 (P-2 Sec-1)
214	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Water permeability at 16 bar	CPWD Vol. 2 cl.22.14.2
215	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Particle retained on 45 micron	IS 1727
216	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Specific Gravity	IS 1727
217	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Abrasion Resistance	IS 15658 (Annex E)
218	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658 (Annexure D))
219	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (L, B, W)	IS 15658 (Annexure B)
220	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658 (Annexure C)
221	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel (rebar)	Bend Test	IS 1786
222	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel (rebar)	Elongation	IS 1608
223	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel (rebar)	Mass/meter	IS 1786
224	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel (rebar)	Rebend Test	IS 1786
225	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel (rebar)	Tensile Strength	IS 1608

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226	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel (Rebar)	Yield stress	IS 1608
227	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steen (rebar)	TS/YS Ratio	IS 1608
228	MECHANICAL- BUILDINGS MATERIALS	Wall, Floor & ceiling panels	Fire Resistance Test	IS :3809
229	MECHANICAL- BUILDINGS MATERIALS	Wall, Floor and Ceiling Panels	Fire Resistance Test	EN 1364-1:
230	MECHANICAL- BUILDINGS MATERIALS	Wall, Floor and Ceiling Panels	Fire Resistance Test	BS 476-20
231	MECHANICAL- BUILDINGS MATERIALS	Wall, Floor and Ceiling Panels	Fire Resistance Test	BS EN 1634-1:
232	MECHANICAL- BUILDINGS MATERIALS	Wall, Floor and Ceiling Panels	Fire Resistance Test	IS 3614-2
233	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Mass of strand	IS 14268
234	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Coupler	Tensile Strength	IS 1608 (P-1)
235	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous material, alloys & products	Elongation	EN 10002 Part 1
236	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous material, alloys & products	Nut - PROOF LOAD	IS 1367 (Part6)
237	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials , alloys & produces Nut	Vicker Hardness (HV30)	IS 1501 (P-1)
238	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Bend Test	ASTM A 370
239	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Bend Test	IS 1599
240	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, alloys & products	Elongation	ASTM A 370

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241	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Flaring test (Drift expending test)	IS 2335
242	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Impact Charpy(v) (ambient to -196 °C)	IS 1757(P-1)
243	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Macro Examination	ASME Sec IX
244	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Macro Examination	IS 11371
245	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Macro Examination	IS 12037
246	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Offset Proof Stress (0.2% , 0.5%)	IS 1608 (Part 1):
247	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness Number (C scale)	IS 1586 (P-1)
248	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vicker Hardness (HV 10)	ASTM E 92
249	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vicker Hardness (HV 5)	ASTM E92
250	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vicker Hardness (HV10)	ASTM E 384
251	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vicker Hardness (HV10)	BSENISO 9015-1
252	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vicker Hardness (HV10)	IS 1501 (P-1)
253	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vicker Hardness (HV30)	ASTM E 92
254	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vicker Hardness (HV5)	ASTM E 384

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255	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vicker Hardness(HV 30)	ASTM E 384
256	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vicker Hardness(HV5)	BSENISO 9015-1
257	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & products	Yield Stress	ASTM A 370
258	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Yield Stress	IS 1608
259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys& products	Vicker Hardness - HV 05	IS 1501(P-1)
260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials. alloys & Products	Elongation	IS 1608
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials. alloys & Products	Rockwell Hardness Number (B scale)	ASTM E 18
262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials. alloys & products	Rockwell Hardness Number (C Scale)	ASTM E 18
263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials. alloys & Products	Rockwell Hardness Number(B scale)	IS 1586 Part 1
264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials. alloys & Products	Tensile Strength	IS 1608
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials – Tube	Flattening test	ASTM A530/530M
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials – Tube	Flattening test	IS 2328
267	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Lay Length	14268
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Nominal Dia. of Strand	IS 14268

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269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Relaxation Test	IS 14268
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for prestressed Concrete(HTS Wire)	Area of Strand	IS 14268
271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for prestressed Concrete(HTS Wire)	Breaking Load	IS 14268
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for prestressed Concrete(HTS Wire)	Elongation	IS 14268
273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Steel	Nick Break Test	API 1104
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimen	Tensile Strength	API 1104
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimen	Tensile Strength	ASTM A 370
276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimen	Tensile Strength	BS EN-4136
277	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Bend Test	AWS-D1.1
278	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Fracture test	ASME Sec IX
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Fracture test	EN ISO 9017
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Fracture test	IS: 7310(Part1):
281	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Fracture test	IS:7307(Part1)
282	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Impact, Impact, Charpy (V) (Ambient to -196°C)(V)	API 1104

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283	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Macro Examination	AWS D1.1/D1.1M
284	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Macro Test	EN ISO 17639
285	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Macro-fracture test	ASME Sec IX
286	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Macro-fracture test	IS 7307(Pt 1):
287	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Macro-fracture test	IS 7310 (Part 1)
288	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Tensile Strength	ASME Sec IX
289	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Tensile Strength	AWS-D1.1
290	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Tensile Strength	IS 3600 (Part 3):