



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

OMEGALAB TESTING SERVICES PRIVATE LIMITED (ODISHA-LAB), PLOT NO. 891/1572,
UTTARASASANA, KOUSALYAGANGA, PIPILI, PURI, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Testing				
1	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Blocks	Splitting Tensile Strength	IS 15658 (Annex F)
2	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Accelerated Cured Concrete	Compressive Strength	IS 9013
3	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Autoclaved Cellular (aerated) Concrete Blocks	Bulk Density	IS 6441 (Part 1)
4	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Autoclaved Cellular (aerated) Concrete Blocks	Compressive Strength	IS 6441 (Part 5)
5	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ballast	Aggregate Abrasion Value	IS 2386 (Part 4) - by Los Angeles Method
6	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ballast	Aggregate Impact Value	IS 2386 (Part 4)
7	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ballast	Sieve Analysis (Sieve Size: 65 mm to 20 mm)	IS/RDSO-GE/0001



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8	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ballast	Water Absorption	IS 2386 (Part 3)
9	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bricks (Common Burnt Clay Bricks / Burnt Clay Fly Ash Bricks / Pulverized Fuel Ash Lime Bricks / Pulverized Fuel Ash Cement Bricks)	Compressive Strength	IS 3495 (Part 1)
10	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bricks (Common Burnt Clay Bricks / Burnt Clay Fly Ash Bricks / Pulverized Fuel Ash Lime Bricks / Pulverized Fuel Ash Cement Bricks)	Efflorescence	IS 3495 (Part 3)
11	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bricks (Common Burnt Clay Bricks / Burnt Clay Fly Ash Bricks / Pulverized Fuel Ash Lime Bricks / Pulverized Fuel Ash Cement Bricks)	Water Absorption	IS 3495 (Part 2)
12	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Fly Ash Bricks	Dimensions - Height	IS 13757
13	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Fly Ash Bricks	Dimensions - Length	IS 13757
14	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Fly Ash Bricks	Dimensions - Width	IS 13757



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15	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	10 % Fines Value	IS 2386 (Part 4)
16	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Abrasion Value	IS 2386 (Part 4) - by Los Angeles Method
17	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Bulk Density (Compacted)	IS 2386 (Part 3)
18	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Bulk Density (Loose)	IS 2386 (Part 3)
19	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Clay Lumps	IS 2386 (Part 2)
20	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Coal & Lignite	IS 2386 (Part 2)
21	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Combined Flakiness & Elongation Index	IS 383



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22	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
23	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
24	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
25	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
26	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Materials Finer Than 75 Micron	IS 2386 (Part 1)
27	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve Size: 80 mm to 2.36 mm)	IS 2386 (Part 1)
28	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Soundness (by MgSO ₄)	IS 2386 (Part 5)



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29	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Soundness (by Na ₂ SO ₄)	IS 2386 (Part 5)
30	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
31	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
32	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Common Burnt Clay Bricks	Dimensions - Height	IS 1077
33	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Common Burnt Clay Bricks	Dimensions - Length	IS 1077
34	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Common Burnt Clay Bricks	Dimensions - Width	IS 1077
35	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Bulk Density (Compacted)	IS 2386 (Part 3)



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36	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Bulk density (Loose)	IS 2386 (Part 3)
37	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Clay Lumps	IS 2386 (Part 2)
38	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Coal & Lignite	IS 2386 (Part 2)
39	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Materials Finer Than 75 Micron	IS 2386 (Part 1)
40	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Organic Impurities	IS 2386 (Part 2)
41	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Sieve Analysis (Sieve Size: 0.150 mm to 4.75 mm)	IS 2386 (Part 1)
42	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Soundness (by MgSO ₄)	IS 2386 (Part 5)



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43	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Soundness (by Na ₂ SO ₄)	IS 2386 (Part 5)
44	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
45	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
46	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash	Fineness	IS 1727 (Clause 6.1) - by Blaine Air Permeability
47	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash	Fineness (Sieve Size: 45 Micron)	IS 1727 (Clause 6.2) - by Wet Sieving
48	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash	Soundness	IS 1727 (Clause 7.2) - by Autoclave Method
49	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly Ash	Specific Gravity	IS 1727 (Clause 15)



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50	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Subbase	Aggregate Impact Value	IS 2386 (Part 4)
51	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Subbase	Sieve Analysis (Sieve Size: 75 mm to 0.075 mm)	IS 2386 (Part 1)
52	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Subbase	Water Absorption	IS 2386 (Part 3)
53	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Depth of Water Penetration Under Pressure	IS 516 (Part 2, Section 1)
54	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Flexural Strength	IS 516 (Part 1, Section 1)
55	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Splitting Tensile Strength	IS 516 (Part 1, Section 1)
56	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Water Absorption	BS 1881-122



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57	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete (Core)	Compressive Strength	IS 516 (Part 4)
58	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete (Cube)	Compressive Strength	IS 516 (Part 1, Section 1)
59	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC,PPC,PSC & PCC)	Compressive Strength	IS 4031 (Part 6)
60	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC,PPC,PSC & PCC)	Density	IS 4031 (Part 11)
61	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC,PPC,PSC & PCC)	Final Setting Time	IS 4031 (Part 5)
62	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC,PPC,PSC & PCC)	Fineness	IS 4031 (Part 1) - by Dry Sieving
63	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC,PPC,PSC & PCC)	Fineness	IS 4031 (Part 2) - by Blaine Apparatus



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64	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC,PPC,PSC & PCC)	Initial Setting Time	IS 4031 (Part 5)
65	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC,PPC,PSC & PCC)	Normal Consistency	IS 4031 (Part 4)
66	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC,PPC,PSC & PCC)	Soundness	IS 4031 (Part 3) - by Autoclave Method
67	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC,PPC,PSC & PCC)	Soundness	IS 4031 (Part 3) - by Le-Chatelier Method
68	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC,PPC,PSC & PCC)	Specific Gravity	ASTM C188
69	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Blocks	Compressive Strength	IS 15658 (Annex D)
70	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Blocks	Dimensions - Length	IS 15658 (Annex B)



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71	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Blocks	Dimensions - Thickness	IS 15658 (Annex B)
72	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Blocks	Dimensions - Width	IS 15658 (Annex B)
73	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Blocks	Water Absorption	IS 15658 (Annex C)
74	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash Cement Bricks	Dimensions - Height	IS 16720
75	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash Cement Bricks	Dimensions - Length	IS 16720
76	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash Cement Bricks	Dimensions - Width	IS 16720
77	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash Lime Bricks	Dimensions - Height	IS 12894



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78	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash Lime Bricks	Dimensions - Length	IS 12894
79	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash Lime Bricks	Dimensions - Width	IS 12894
80	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Sieve Analysis (Sieve Size: 53 mm to 0.075 mm)	IS 2386 (Part 1)
81	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mechanical Splices of Steel Bars (Reinforcement Couplers)	Location of Failure	IS 16172
82	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mechanical Splices of Steel Bars (Reinforcement Couplers)	Static Tensile Strength	IS 1608 (Part 1)
83	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	% Elongation	ASTM E8/E8M
84	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	% Elongation	IS 1608 (Part 1)
85	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	% Elongation	ISO 6892-1



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86	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	% Total Elongation	ISO 6892-1
87	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	% Total Elongation	IS 1608 (Part 1)
88	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	0.2 % Proof Stress	IS 1608 (Part 1)
89	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	0.2 % Proof Stress	ISO 6892-1
90	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	IS 1599
91	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	ISO 7438
92	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Dimensions - Depth	OTSPL/O/SOP-01 (Issue No. 02, Issue Date: 18.09.2025)
93	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Dimensions - Diameter	OTSPL/O/SOP-01 (Issue No. 02, Issue Date: 18.09.2025)
94	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Dimensions - Leg Length	OTSPL/O/SOP-01 (Issue No. 02, Issue Date: 18.09.2025)



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95	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Dimensions - Outside Diameter	OTSPL/O/SOP-01 (Issue No. 02, Issue Date: 18.09.2025)
96	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Dimensions - Side Width	OTSPL/O/SOP-01 (Issue No. 02, Issue Date: 18.09.2025)
97	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Dimensions - Thickness	OTSPL/O/SOP-01 (Issue No. 02, Issue Date: 18.09.2025)
98	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Dimensions - Width	OTSPL/O/SOP-01 (Issue No. 02, Issue Date: 18.09.2025)
99	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Mass per Meter	OTSPL/O/SOP-01 (Issue No. 02, Issue Date: 18.09.2025)
100	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Reduction in Area	ASTM E8/E8M
101	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Reduction in Area	IS 1608 (Part 1)
102	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Reduction in Area	ISO 6892-1
103	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRBW) Test	IS 1586 (Part 1)



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104	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRBW) Test	ISO 6508-1
105	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRC) Test	IS 1586 (Part 1)
106	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRC) Test	ISO 6508-1
107	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Strength	ASTM E8/E8M
108	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Strength	IS 1608 (Part 1)
109	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Strength	ISO 6892-1
110	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Ultimate Tensile Load	IS 1608 (Part 1)
111	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Ultimate Tensile Load	ISO 6892-1
112	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Yield Stress	ASTM E8/E8M



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113	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Yield Stress	IS 1608 (Part 1)
114	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Yield Stress	ISO 6892-1
115	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Tubes	Flattening Test	IS 2328
116	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-magnetic/Non-conductive Coated Materials	Dry Film Thickness	ASTM D7091
117	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Bars & Wires	Mass per Meter	IS 1786
118	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Bars & Wires	Mean Projected Rib Area Per Unit Length (Bond Test)	IS 1786
119	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Bars & Wires	Re-bend Test	IS 1786
120	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Bars & Wires	TS/YS Ratio	IS 1786
121	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Bars, Rods & Wires	Re-bend Test	ISO 15630-1



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122	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Fasteners (Bolts, Screws & Studs)	Proof Load Test	IS 1367 (Part 3)
123	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Fasteners (Nuts)	Proof Load Test	IS 1367 (Part 6)
124	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	% Elongation	ASTM A370
125	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	0.2% Proof Stress	ASTM A370
126	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Reduction in Area	ASTM A370
127	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Tensile Strength	ASTM A370
128	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Yield Stress	ASTM A370
129	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strands / LRPC Strands	% Difference in Diameter of Center Wire & Surroundings Wires	IS 14268
130	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strands / LRPC Strands	% Total Elongation	IS 14268



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131	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strands / LRPC Strands	Cross Sectional Area	IS 14268
132	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strands / LRPC Strands	Dimensions - Diameter	IS 14268
133	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strands / LRPC Strands	Length of Lay	IS 14268
134	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strands / LRPC Strands	Mass per Unit Length	IS 14268
135	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Strand / H.T Strands / LRPC Strands	% Difference in Diameter of Center Wire & Surroundings Wires	IS 6006
136	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Strand / H.T Strands / LRPC Strands	% Total Elongation	IS 6006
137	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Strand / H.T Strands / LRPC Strands	Dimensions - Diameter	IS 6006
138	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Strand / H.T Strands / LRPC Strands	Length of Lay	IS 6006
139	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Strands / H.T. Strands	Cross-Sectional Area	IS 6006



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140	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Strands / H.T. Strands	Mass per Unit Length	IS 6006
141	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Strands / H.T. Strands / Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strands / LRPC Strands	Breaking Load	IS 1608 (Part 1)
142	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	% Elongation (All Weld)	AWS B4
143	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	% Elongation (All Weld)	IS 3600 (Part 4)
144	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	% Elongation (All Weld)	ISO 5178
145	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Reduction in Area (All Weld)	AWS B4
146	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Reduction in Area (All Weld)	IS 3600 (Part 4)
147	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Reduction in Area (All Weld)	ISO 5178
148	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	ASME Section IX



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149	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength (All Weld)	AWS B4
150	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength (All Weld)	IS 3600 (Part 4)
151	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile strength (All Weld)	ISO 5178
152	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength (Transverse Weld)	AWS B4
153	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength (Transverse Weld)	IS 3600 (Part 3)
154	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength (Transverse Weld)	ISO 4136
155	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Transverse Bend (Root, Face, Side) Test	ASME Section IX
156	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Transverse Bend (Root, Face, Side) Test	AWS B4
157	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Transverse Bend (Root, Face, Side) Test	IS 3600 (Part 5)



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158	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Transverse Bend (Root, Face, Side) Test	ISO 5173
159	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Weld Fracture Test	ASME Section IX
160	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Weld Fracture Test	IS 3600 (Part 8)
161	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Weld Fracture Test	ISO 9017
162	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Yield Strength (All Weld)	AWS B4
163	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Yield Strength (All Weld)	IS 3600 (Part 4)
164	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Yield strength (All Weld)	ISO 5178
165	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wrought and Cast Aluminium and Magnesium Alloy Products	% Elongation	ASTM B557
166	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wrought and Cast Aluminium and Magnesium Alloy Products	0.2% Proof Stress	ASTM B557



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167	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Wrought and Cast Aluminium and Magnesium Alloy Products	Tensile Strength	ASTM B557
168	MECHANICAL- SOIL AND ROCKS	Blanketing Material	California Bearing Ratio (CBR)	IS 2720 (Part 16)
169	MECHANICAL- SOIL AND ROCKS	Blanketing Material	Liquid Limit	IS 2720 (Part 5)
170	MECHANICAL- SOIL AND ROCKS	Blanketing Material	Maximum Dry Density (Heavy Compaction)	IS 2720 (Part 8)
171	MECHANICAL- SOIL AND ROCKS	Blanketing Material	Optimum Moisture Content (Heavy Compaction)	IS 2720 (Part 8)
172	MECHANICAL- SOIL AND ROCKS	Blanketing Material	Plastic Limit	IS 2720 (Part 5)
173	MECHANICAL- SOIL AND ROCKS	Blanketing Material	Plasticity Index	IS 2720 (Part 5)
174	MECHANICAL- SOIL AND ROCKS	Blanketing material	Sieve Analysis (Sieve Size: 40 mm to 0.075 mm)	IS 2720 (Part 4)
175	MECHANICAL- SOIL AND ROCKS	Granular Sub-Base	California Bearing Ratio (CBR)	IS 2720 (Part 16)
176	MECHANICAL- SOIL AND ROCKS	Granular Sub-Base	Liquid Limit	IS 2720 (Part 5)
177	MECHANICAL- SOIL AND ROCKS	Granular Sub-Base	Maximum Dry Density (Heavy Compaction)	IS 2720 (Part 8)
178	MECHANICAL- SOIL AND ROCKS	Granular Sub-Base	Optimum Moisture Content (Heavy Compaction)	IS 2720 (Part 8)
179	MECHANICAL- SOIL AND ROCKS	Granular Sub-Base	Plastic Limit	IS 2720 (Part 5)
180	MECHANICAL- SOIL AND ROCKS	Granular Sub-Base	Plasticity Index	IS 2720 (Part 5)



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181	MECHANICAL- SOIL AND ROCKS	Soil (Coarse & Fine Grained)	California Bearing Ratio (CBR)	IS 2720 (Part 16)
182	MECHANICAL- SOIL AND ROCKS	Soil (Coarse & Fine Grained)	Free Swell Index	IS 2720 (Part 40)
183	MECHANICAL- SOIL AND ROCKS	Soil (Coarse & Fine Grained)	Liquid Limit	IS 2720 (Part 5)
184	MECHANICAL- SOIL AND ROCKS	Soil (Coarse & Fine Grained)	Maximum Dry Density (Heavy Compaction)	IS 2720 (Part 8)
185	MECHANICAL- SOIL AND ROCKS	Soil (Coarse & Fine Grained)	Maximum Dry Density (Light Compaction)	IS 2720 (Part 7)
186	MECHANICAL- SOIL AND ROCKS	Soil (Coarse & Fine Grained)	Optimum Moisture Content (Heavy Compaction)	IS 2720 (Part 8)
187	MECHANICAL- SOIL AND ROCKS	Soil (Coarse & Fine Grained)	Optimum Moisture Content (Light Compaction)	IS 2720 (Part 7)
188	MECHANICAL- SOIL AND ROCKS	Soil (Coarse & Fine Grained)	Plastic Limit	IS 2720 (Part 5)
189	MECHANICAL- SOIL AND ROCKS	Soil (Coarse & Fine Grained)	Plasticity Index	IS 2720 (Part 5)
190	MECHANICAL- SOIL AND ROCKS	Soil (Coarse & Fine Grained)	Sieve Analysis (Sieve Size: 0.075 mm to 10 mm)	IS 2720 (Part 4)
191	MECHANICAL- SOIL AND ROCKS	Soil (Coarse & Fine Grained)	Water Content	IS 2720 (Part 2)
192	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	California Bearing Ratio (CBR)	IS 2720 (Part 16)
193	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	Liquid Limit	IS 2720 (Part 5)
194	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	Maximum Dry Density (Heavy Compaction)	IS 2720 (Part 8)
195	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	Optimum Moisture Content (Heavy Compaction)	IS 2720 (Part 8)



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196	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	Plastic Limit	IS 2720 (Part 5)
197	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	Plasticity Index	IS 2720 (Part 5)