National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TESTING LABORATORIES, S-121, HARSHA COMPOUND, SITE-2, LONI ROAD, INDUSTRIAL AREA, MOHAN NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11506 **Page No** 1 of 20

Validity 28/03/2023 to 27/03/2025 **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
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Aggregate (Coarse & Fine)	Chloride	IS 14959 (Part 1)
7	CHEMICAL- BUILDING MATERIAL	Aggregate (Coarse & Fine)	Dissolved Silica	IS 2386 (Part 7)
8	CHEMICAL- BUILDING MATERIAL	Aggregate (Coarse & Fine)	Reduction in Alkalinity	IS 2386 (Part 7)
9	CHEMICAL- BUILDING MATERIAL	Aggregate (Coarse & Fine)	Sulphate	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement OPC	Aluminium Oxide	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement OPC	Calcium Oxide	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement OPC	Insoluble Residue	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement OPC	Iron Oxide	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cement OPC	Loss on Ignition	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement OPC	Magnesium Oxide	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Cement OPC	Potassium Oxide	IS 4032
17	CHEMICAL- BUILDING MATERIAL	Cement OPC	Silicon dioxide	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Cement OPC	Sodium Oxide	IS 4032

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TESTING LABORATORIES, S-121, HARSHA COMPOUND, SITE-2, LONI ROAD, INDUSTRIAL AREA, MOHAN NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11506 **Page No** 2 of 20

Validity 28/03/2023 to 27/03/2025 **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	Cement OPC	Sulphuric Anhydride	IS 4032
20	CHEMICAL- BUILDING MATERIAL	Cement OPC	Total Chloride	IS 4032
21	CHEMICAL- BUILDING MATERIAL	Cement PPC	Calcium Oxide	IS 4032
22	CHEMICAL- BUILDING MATERIAL	Cement PPC	Insoluble Residue	IS 4032
23	CHEMICAL- BUILDING MATERIAL	Cement PPC	Loss on Ignition	IS 4032
24	CHEMICAL- BUILDING MATERIAL	Cement PPC	Magnesium Oxide	IS 4032
25	CHEMICAL- BUILDING MATERIAL	Cement PPC	Potassium Oxide	IS 4032
26	CHEMICAL- BUILDING MATERIAL	Cement PPC	Sodium Oxide	IS 4032
27	CHEMICAL- BUILDING MATERIAL	Cement PPC	Sulphuric anhydride	IS 4032
28	CHEMICAL- BUILDING MATERIAL	Cement PPC	Total Chloride	IS 4032
29	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss on Ignition	IS 1727
30	CHEMICAL- BUILDING MATERIAL	Fly ash	Aluminium Oxide	IS 1727
31	CHEMICAL- BUILDING MATERIAL	Fly ash	Iron Oxide	IS 1727
32	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesium Oxide	IS 1727
33	CHEMICAL- BUILDING MATERIAL	Fly ash	Moisture	IS 3812 (Part 1)
34	CHEMICAL- BUILDING MATERIAL	Fly ash	Potassium Oxide	IS 3812 (Part 1)
35	CHEMICAL- BUILDING MATERIAL	Fly ash	Silicon Dioxide	IS 1727
36	CHEMICAL- BUILDING MATERIAL	Fly ash	Sodium Oxide	IS 3812 (Part 1)
37	CHEMICAL- BUILDING MATERIAL	Fly ash	Sulphur Trioxide	IS 1727

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11506 **Page No** 3 of 20

Validity 28/03/2023 to 27/03/2025 **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
38	CHEMICAL- BUILDING MATERIAL	Fly ash	Total Chloride	IS 4032
39	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Chloride	BS 1881 (Part 124)
40	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Chloride	IS 14959 (Part 2)
41	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Sulphate	BS 1881 (Part 124)
42	CHEMICAL- BUILDING MATERIAL	Micro Silica	Loss on Ignition	IS 1727
43	CHEMICAL- BUILDING MATERIAL	Micro Silica	Moisture	IS 1727
44	CHEMICAL- BUILDING MATERIAL	Micro Silica	Potassium Oxide	IS 4032
45	CHEMICAL- BUILDING MATERIAL	Micro Silica	Silicon Dioxide	IS 1727
46	CHEMICAL- BUILDING MATERIAL	Micro Silica	Sodium Oxide	IS 4032
47	CHEMICAL- BUILDING MATERIAL	Plaster of Paris (POP) or Gypsum Building Plaster	Calcium Oxide	IS 1288
48	CHEMICAL- BUILDING MATERIAL	Plaster of Paris (POP) or Gypsum Building Plaster	Loss on Ignition	IS 2547 (Part 1)
49	CHEMICAL- BUILDING MATERIAL	Plaster of Paris (POP) or Gypsum Building Plaster	Magnesium Oxide	IS 4032
50	CHEMICAL- BUILDING MATERIAL	Plaster of Paris (POP) or Gypsum Building Plaster	Potassium Oxide	IS 4032
51	CHEMICAL- BUILDING MATERIAL	Plaster of Paris (POP) or Gypsum Building Plaster	Sodium Oxide	IS 4032
52	CHEMICAL- BUILDING MATERIAL	Plaster of Paris (POP) or Gypsum Building Plaster	Sulphur Trioxide	IS 1288
53	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic Materials	Uniformity of Coating	IS 2633
54	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic Materials	Mass of Zinc Coating	IS 6745
55	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon	IS 228 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TESTING LABORATORIES, S-121, HARSHA COMPOUND, SITE-2, LONI ROAD, INDUSTRIAL AREA, MOHAN NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11506 **Page No** 4 of 20

Validity 28/03/2023 to 27/03/2025 **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
56	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium	IS 228 (Part 6)
57	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese	IS 228 (Part 2)
58	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum	IS 228 (Part 7)
59	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel	IS 228 (Part 5)
60	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorous	IS 228 (Part 3)
61	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	IS 228 (Part 8)
62	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur	IS 228 (Part 9)
63	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 228 (Part 1)
64	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 228 (Part 6)
65	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 228 (Part 2)
66	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 228 (Part 7)
67	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	IS 228 (Part 5)
68	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorous	IS 228 (Part 3)
69	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	IS 228 (Part 8)
70	CHEMICAL- METALS & ALLOYS	Stainless steel	Sulphur	IS 228 (Part 9)
71	CHEMICAL- WATER	Water for Construction Purpose	Acidity (Volume of 0.02 N NaOH Required to Neutralize 100ml of sample)	IS 3025 (Part 22)
72	CHEMICAL- WATER	Water for Construction Purpose	Alkalinity (Volume of 0.02N H2SO4 Required to Neutralize 100ml of Sample)	IS 3025 (Part 23)
73	CHEMICAL- WATER	Water for Construction Purpose	Chloride	IS 3025 (Part 32)
74	CHEMICAL- WATER	Water for Construction Purpose	Inorganic Solids	IS 3025 (Part 18)

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11506 **Page No** 5 of 20

Validity 28/03/2023 to 27/03/2025 **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
75	CHEMICAL- WATER	Water for Construction Purpose	Organic Solids	IS 3025 (Part 18)
76	CHEMICAL- WATER	Water for Construction Purpose	pH	IS 3025 (Part 11)
77	CHEMICAL- WATER	Water for Construction Purpose	Sulphate	IS 3025 (Part 24, Section 1)
78	CHEMICAL- WATER	Water for Construction Purpose	Suspended Solid	IS 3025 (Part 17)
79	MECHANICAL- BUILDINGS MATERIALS	OP Cement	Compressive Strength	IS 4031 (Part 6)
80	MECHANICAL- BUILDINGS MATERIALS	OP Cement	Density	IS 4031 (Part 11)
81	MECHANICAL- BUILDINGS MATERIALS	OP Cement	Final Setting Time	IS 4031 (Part 5)
82	MECHANICAL- BUILDINGS MATERIALS	OP Cement	Fineness (by Blain's Air Permeability Apparatus)	IS 4031 (Part 2)
83	MECHANICAL- BUILDINGS MATERIALS	OP Cement	Fineness (by Dry Sieving)	IS 4031 (Part 1)
84	MECHANICAL- BUILDINGS MATERIALS	OP Cement	Initial Setting Time	IS 4031 (Part 5)
85	MECHANICAL- BUILDINGS MATERIALS	OP Cement	Soundness (by Autoclave Expansion)	IS 4031 (Part 3)
86	MECHANICAL- BUILDINGS MATERIALS	OP Cement	Soundness (by Le-Chatlier Expansion)	IS 4031 (Part 3)
87	MECHANICAL- BUILDINGS MATERIALS	OP Cement	Standard Consistency	IS 4031 (Part 4)
88	MECHANICAL- BUILDINGS MATERIALS	PP Cement	Compressive Strength	IS 4031 (Part 6)
89	MECHANICAL- BUILDINGS MATERIALS	PP Cement	Density	IS 4031 (Part 11)
90	MECHANICAL- BUILDINGS MATERIALS	PP Cement	Final Setting Time	IS 4031 (Part 5)
91	MECHANICAL- BUILDINGS MATERIALS	PP Cement	Fineness (by Blain's Air Permeability Apparatus)	IS 4031 (Part 2)
92	MECHANICAL- BUILDINGS MATERIALS	PP Cement	Fineness (by Dry Sieving)	IS 4031 (Part 1)
93	MECHANICAL- BUILDINGS MATERIALS	PP Cement	Initial Setting Time	IS 4031 (Part 5)
94	MECHANICAL- BUILDINGS MATERIALS	PP Cement	Soundness (by Autoclave Expansion)	IS 4031 (Part 3)

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TESTING LABORATORIES, S-121, HARSHA COMPOUND, SITE-2, LONI ROAD, INDUSTRIAL AREA, MOHAN NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11506 **Page No** 6 of 20

Validity 28/03/2023 to 27/03/2025 **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
95	MECHANICAL- BUILDINGS MATERIALS	PP Cement	Soundness (by Le-Chatlier Expansion)	IS 4031 (Part 3)
96	MECHANICAL- BUILDINGS MATERIALS	PP Cement	Standard Consistency	IS 4031 (Part 4)
97	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Block Density	IS 6441 (Part 1)
98	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Compressive Strength	IS 6441 (Part 5)
99	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimensions (Height)	IS 2185 (Part 3)
100	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimensions (Length)	IS 2185 (Part 3)
101	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimensions (Width)	IS 2185 (Part 3)
102	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Bulk Density (Loose & Compacted)	IS 2386 (Part 3)
103	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Crushing Value	IS 2386 (Part 4)
104	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Deleterious Material (Coal and Lignite)	IS 2386 (Part 2)
105	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Deleterious Material (Material Finer than 75micron)	IS 2386 (Part 1)
106	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Deleterious Materials (Clay and Lumps)	IS 2386 (Part 2)
107	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Elongation Index	IS 2386 (Part 1)
108	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Flakiness Index	IS 2386 (Part 1)
109	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Impact Value	IS 2386 (Part 4)
110	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Los Angles Abrasion Value	IS 2386 (Part 4)
111	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Sieve Analysis (2.36mm to 80mm)	IS 2386 (Part 1)
112	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Soundness test (by Na2SO4 and MgSO4)	IS 2386 (Part 5)
113	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Specific gravity	IS 2386 (Part 3)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11506 **Page No** 7 of 20

Validity 28/03/2023 to 27/03/2025 **Last Amended on** -

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114	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Water Absorption	IS 2386 (Part 3)
115	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Coarse)	10% Fines Value	IS 2386 (Part 4)
116	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Fine)	Bulk Density (Loose & Compacted)	IS 2386 (Part 3)
117	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Fine)	Bulking of Sand	IS 2386 (Part 3)
118	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Fine)	Deleterious Materials (Clay and Lumps)	IS 2386 (Part 2)
119	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Fine)	Material Finer than 75micron	IS 2386 (Part 1)
120	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Fine)	Organic Impurities	IS 2386 (Part 2)
121	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Fine)	Sieve Analysis (10 mm to 150 micron)	IS 2386 (Part 1)
122	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Fine)	Silt content	CPWD Volume 1 (Annexure C)
123	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Fine)	Soundness Test (by Na2SO4 and MgSO4)	IS 2386 (Part 5)
124	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Fine)	Specific Gravity	IS 2386 (Part 3)
125	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Fine)	Water Absorption	IS 2386 (Part 3)
126	MECHANICAL- BUILDINGS MATERIALS	Bitumen & Bitumen based Material/ Paving Bitumen/ Industrial Bitumen/ Modified Bitumen	Ductility Test	IS 1208
127	MECHANICAL- BUILDINGS MATERIALS	Bitumen & Bitumen based Material/ Paving Bitumen/ Industrial Bitumen/ Modified Bitumen	Fire Point	IS 1448 (Part 69)
128	MECHANICAL- BUILDINGS MATERIALS	Bitumen & Bitumen based Material/ Paving Bitumen/ Industrial Bitumen/ Modified Bitumen	Flash Point	IS 1448 (Part 69)
129	MECHANICAL- BUILDINGS MATERIALS	Bitumen & Bitumen based Material/ Paving Bitumen/ Industrial Bitumen/ Modified Bitumen	Penetration	IS 1203
130	MECHANICAL- BUILDINGS MATERIALS	Bitumen & Bitumen based Material/ Paving Bitumen/ Industrial Bitumen/ Modified Bitumen	Softening Point	IS 1205
131	MECHANICAL- BUILDINGS MATERIALS	Bitumen & Bitumen based Material/ Paving Bitumen/ Industrial Bitumen/ Modified Bitumen	Solubility in Tricloroethylene	IS 1216
132	MECHANICAL- BUILDINGS MATERIALS	Bitumen & Bitumen based Material/ Paving Bitumen/ Industrial Bitumen/ Modified Bitumen	Specific Gravity	IS 1202

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11506 **Page No** 8 of 20

Validity 28/03/2023 to 27/03/2025 **Last Amended on** -

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133	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Binder Content	IRC SP 11
134	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Density	ASTM D2726
135	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix (BM, BC, DBM)	Sieve Analysis	IS 2386 (Part 1)
136	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Fly Ash Building Brick	Compressive strength	IS 3495 (Part 1)
137	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Fly Ash Building Brick	Dimension (Height)	IS 13757
138	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Fly Ash Building Brick	Dimension (Length)	IS 13757
139	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Fly Ash Building Brick	Dimension (Width)	IS 13757
140	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Fly Ash Building Brick	Efflorescence	IS 3495 (Part 3)
141	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Fly Ash Building Brick	Water Absorption	IS 3495 (Part 2)
142	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles / Vertified Tiles	Bulk Density	IS 13630 (Part 2)
143	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles / Vertified Tiles	Dimension (Length)	IS 13630 (Part 1)
144	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles / Vertified Tiles	Scratch Hardness of Surface	IS 13630 (Part 13)
145	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles / Vitrified Tiles	Dimensions (Thickness)	IS 13630 (Part 1)
146	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles / Vitrified Tiles	Dimensions (Width)	IS 13630 (Part 1)
147	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles / Vitrified Tiles	Rectangularity	IS 13630 (Part 1)
148	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles / Vitrified Tiles	Water Absorption	IS 13630 (Part 2)
149	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Brick	Compressive Strength	IS 3495 (Part 1)
150	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Brick	Dimension (Height)	IS 1077
151	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Brick	Dimension (Length)	IS 1077

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11506 **Page No** 9 of 20

Validity 28/03/2023 to 27/03/2025 **Last Amended on** -

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152	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Brick	Dimension (Width)	IS 1077
153	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Brick	Efflorescence	IS 3495 (Part 3)
154	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Brick	Water Absorption	IS 3495 (Part 2)
155	MECHANICAL- BUILDINGS MATERIALS	Concrete Hollow/ Solid block	Block Density	IS 2185 (Part 1)
156	MECHANICAL- BUILDINGS MATERIALS	Concrete Hollow/ Solid block	Compressive Strength	IS 2185 (Part 1)
157	MECHANICAL- BUILDINGS MATERIALS	Concrete Hollow/ Solid block	Dimension (Height)	IS 2185 (Part 1)
158	MECHANICAL- BUILDINGS MATERIALS	Concrete Hollow/ Solid block	Dimension (Length)	IS 2185 (Part 1)
159	MECHANICAL- BUILDINGS MATERIALS	Concrete Hollow/ Solid block	Dimension (Width)	IS 2185 (Part 1)
160	MECHANICAL- BUILDINGS MATERIALS	Concrete Hollow/ Solid block	Water Absorption	IS 2185 (Part 1)
161	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS 1727
162	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Particle Retained on 45micron Sieve (by Wet Sieving)	IS 1727
163	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Specific Gravity	IS 1727
164	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Specific Surface Area/ Fineness (by Blaine's Air Permeability Apparatus)	IS 1727
165	MECHANICAL- BUILDINGS MATERIALS	GSB/ WMM/ WBM	Elongation Index	IS 2386 (Part 1)
166	MECHANICAL- BUILDINGS MATERIALS	GSB/ WMM/ WBM	Flakiness Index	IS 2386 (Part 1)
167	MECHANICAL- BUILDINGS MATERIALS	GSB/ WMM/ WBM	Impact Value	IS 2386 (Part 4)
168	MECHANICAL- BUILDINGS MATERIALS	GSB/ WMM/ WBM	Los Angle Abrasion Value	IS 2386 (Part 4)
169	MECHANICAL- BUILDINGS MATERIALS	GSB/ WMM/ WBM	Sieve Analysis (75mm to 0.075mm)	IS 2386 (Part 1)

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Laboratory Name : QUALITY TESTING LABORATORIES, S-121, HARSHA COMPOUND, SITE-2, LONI ROAD, INDUSTRIAL AREA, MOHAN NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11506 **Page No** 10 of 20

Validity 28/03/2023 to 27/03/2025 **Last Amended on** -

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170	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete (Core)	Compressive Strength	IS 516 (Part 4)
171	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete (Cube)	Compressive Strength	IS 516
172	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bar and wire for concrete reinforcement	% Elongation	IS 1608 (Part 1)
173	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bar and wire for concrete reinforcement	Bend Test	IS 1599
174	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bar and wire for concrete reinforcement	Mass per unit Length	IS 1786
175	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bar and wire for concrete reinforcement	Mean Area of Rib	IS 1786
176	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bar and wire for concrete reinforcement	Mean Projected Area of Transverse Ribs	IS 1786
177	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bar and wire for concrete reinforcement	Rebend Test	IS 1786
178	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bar and wire for concrete reinforcement	Tensile Strength	IS 1608 (Part 1)
179	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bar and wire for concrete reinforcement	Yield Stress/ 0.2% proof stress	IS 1608 (Part 1)
180	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Abrasion Resistance	IS 15658 (Annexure E)
181	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658 (Annexure D)
182	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Length)	IS 15658 (Annexure B)
183	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Thickness)	IS 15658 (Annexure B)
184	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Width)	IS 15658 (Annexure B)
185	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658 (Annexure C)
186	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Lime Brick	Compressive Strength	IS 3495 (Part 1)
187	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Lime Brick	Dimension (Height)	IS 12894
188	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Lime Brick	Dimension (Length)	IS 12894

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TESTING LABORATORIES, S-121, HARSHA COMPOUND, SITE-2, LONI ROAD, INDUSTRIAL AREA, MOHAN NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11506 **Page No** 11 of 20

Validity 28/03/2023 to 27/03/2025 **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
189	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Lime Brick	Dimension (Width)	IS 12894
190	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Lime Brick	Efflorescence	IS 3495 (Part 3)
191	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Lime Brick	Water Absorption	IS 3495 (Part 2)
192	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon steel and alloy steel-Bolts, Screws and Studs	% Elongation After Fracture	IS 1608 (Part 1)
193	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon steel and alloy steel-Bolts, Screws and Studs	% Reduction of Area	IS 1608 (Part 1)
194	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon steel and alloy steel-Bolts, Screws and Studs	Yield Strength	IS 1608 (Part 1)
195	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon steel and alloy steel-Bolts, Screws and Studs	Ultimate Tensile Strength (UTS)	IS 1608 (Part 1)
196	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous material, alloys & Product	Vickers Hardness	IS 1501 (Part 1)
197	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Charpy Impact Test (V-Notch) (Ambient to -25 degree C)	IS 1757 (Part 1)
198	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (Scale-B)	IS 1586 (Part 1)
199	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (Scale-C)	IS 1586 (Part 1)
200	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vickers Hardness (HV5)	IS 1501 (Part 1)
201	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Galvanized sheet - Corrugated	Size - Thickness	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
202	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Galvanized sheet - Plain	Size - Thickness	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TESTING LABORATORIES, S-121, HARSHA COMPOUND, SITE-2, LONI ROAD, INDUSTRIAL AREA, MOHAN NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11506 **Page No** 12 of 20

Validity 28/03/2023 to 27/03/2025 **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
203	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized sheet - Plain & Corrugated	% Elongation	IS 1608 (Part 1)
204	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized sheet - Plain & Corrugated	Tensile Strength	IS 1608 (Part 1)
205	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Barbed Wire for fencing	Diameter of Line Wire	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
206	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Barbed Wire for Fencing	Diameter of Point Wire	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
207	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Barbed Wire for Fencing	Mass per unit Length	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
208	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Barbed Wire for Fencing	Tensile Strength of Line Wire	IS 1608 (Part 1)
209	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Steel Section	% Elongation	IS 1608 (Part 1)
210	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Steel Section	Depth	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
211	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Steel Section	Tensile Strength	IS 1608 (Part 1)
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Steel Section	Thickness	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
213	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Steel Section	Weight per unit Length	IS 4923
214	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Steel Section	Width	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
215	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hollow Steel Section	Yield Stress	IS 1608 (Part 1)
216	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and high tensile structural steel (Angle)	Dimension (Side Width A)	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TESTING LABORATORIES, S-121, HARSHA COMPOUND, SITE-2, LONI ROAD, INDUSTRIAL AREA, MOHAN NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11506 **Page No** 13 of 20

Validity 28/03/2023 to 27/03/2025 **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
217	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and high tensile structural steel (Angle)	Dimension (Side Width B)	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
218	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and high tensile structural steel (Beam/ Channel/ Column)	Dimension (Depth)	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
219	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and high tensile structural steel (Beam/ Channel/ Column)	Dimension (Width)	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
220	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and high tensile structural steel (Beam/ Channel/ Column/ Angle)	Thickness	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
221	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and high tensile structural steel (M.S. Angle/ Beam/ Column/ Channel/ Tee Section/ Chequered Plate/ M.S. Plate/ Sheet/ Strip/ Flat/ M.S. Round & Square bar)	Bend Test	IS 1599
222	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and high tensile structural steel (M.S. Angle/ Beam/ Column/ Channel/ Tee Section/ Chequered Plate/ M.S. Plate/ Sheet/ Strip/ Flat/ M.S. Round & Square bar)	Tensile Strength	IS 1608 (Part 1)
223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and high tensile structural steel (M.S. Angle/ Beam/ Column/ Channel/ Tee Section/ Chequered Plate/ M.S. Plate/ Sheet/ Strip/ Flat/ M.S. Round & Square bar)	Yield Stress	IS 1608 (Part1)
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and high tensile structural steel (M.S. Angle/ Beam/ Column/ Channel/ Tee Section/ Chequered Plate/ M.S. Plate/ Sheet/ Strip/ Flat/ M.S. Round & Square bar)	% Elongation	IS 1608 (Part 1)
225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and high tensile structural steel (M.S. Plate/ Flat/ Sheet/ Strip)	Dimension (Thickness)	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and high tensile structural steel (M.S. Round)	Dimension (Diameter)	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and high tensile structural steel (M.S. Round/ Square Bar)	Mass per unit Length	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and high tensile structural steel (M.S. Tee Bars)	Mass per unit Length	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TESTING LABORATORIES, S-121, HARSHA COMPOUND, SITE-2, LONI ROAD, INDUSTRIAL AREA, MOHAN NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11506 **Page No** 14 of 20

Validity 28/03/2023 to 27/03/2025 **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-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and high tensile structural steel (M.S. Tee Bars)	Thickness	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
230	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and high tensile structural steel (Square Bar)	Dimension (Side Width)	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
231	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild steel and medium tensile steel bar	% Elongation	IS 1608 (Part 1)
232	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild steel and medium tensile steel bar	Bend Test	IS 1599
233	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild steel and medium tensile steel bar	Diameter of Bar	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
234	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild steel and medium tensile steel bar	Mass per unit Length	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
235	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild steel and medium tensile steel bar	Tensile Strength	IS 1608 (Part 1)
236	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild steel and medium tensile steel bar	Yield Stress	IS 1608 (Part 1)
237	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel Wire	Diameter	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
238	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel Wire	Tensile Strength	IS 1608 (Part 1)
239	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement couplers for mechanical splice of bar	% Elongation	IS 1608 (Part 1)
240	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement couplers for mechanical splice of bar	Location of Failure	IS 16172
241	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement couplers for mechanical splice of bar	Static Tensile Test	IS 1608 (Part 1)
242	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes (M.S. & G.I.)	Flattening Test	IS 2328

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TESTING LABORATORIES, S-121, HARSHA COMPOUND, SITE-2, LONI ROAD, INDUSTRIAL AREA, MOHAN NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11506 **Page No** 15 of 20

Validity 28/03/2023 to 27/03/2025 **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
243	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purpose	% Elongation	IS 1608 (Part 1)
244	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purpose	Flattening Test	IS 2328
245	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purpose	Mass per unit Length	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
246	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purpose	Tensile Strength	IS 1608 (Part 1)
247	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purpose	Yield Stress	IS 1608 (Part 1)
248	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipes for Water And sewage	% Elongation	IS 1608 (Part 1)
249	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipes for Water And sewage	Mass per unit Length	IS 3589
250	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipes for Water And sewage	Outside Diameter	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
251	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipes for Water And sewage	Tensile Strength	IS 1608 (Part 1)
252	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipes for Water And sewage	Thickness	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
253	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipes for Water And sewage	Yield Strees	IS 1608 (Part 1)
254	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes (M.S & G.I)	Bend Test	IS 2329
255	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purpose	Outside Diameter	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
256	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purpose	Thickness	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TESTING LABORATORIES, S-121, HARSHA COMPOUND, SITE-2, LONI ROAD, INDUSTRIAL AREA, MOHAN NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11506 **Page No** 16 of 20

Validity 28/03/2023 to 27/03/2025 **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
257	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and other Wrought Steel Fittings	% Elongation	IS 1608 (Part 1)
258	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and other Wrought Steel Fittings	Mass per unit Length	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and other Wrought Steel Fittings	Outside Diameter	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and other Wrought Steel Fittings	Tensile strength	IS 1608 (Part 1)
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and other Wrought Steel Fittings	Thickness	QTL/WI/SOP/MECH/GEN/007, Issue No. 02, Issue date: 15.04.2022
262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation seven-wire (ply) strand for prestressed concrete	Diameter Difference Between Center & Surrounding Wire	IS 14268 (Annex A)
263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Relaxation Seven-wire (ply) Strand for Prestressed Concrete	Breaking Load	IS 1608 (Part 1)
264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Relaxation Seven-wire (ply) Strand for Prestressed Concrete	Length of Lay of strand	IS 14268 (Annexure A)
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Relaxation Seven-wire (ply) Strand for Prestressed Concrete	Mass per unit Length	IS 14268 (Annexure B)
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Relaxation Seven-wire (ply) Strand for Prestressed Concrete	Nominal Cross- Sectional Area of Strand	IS 14268 (Annexure B)
267	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Relaxation Seven-wire (ply) Strand for Prestressed Concrete	Nominal dia of Strand	IS 14268 (Annexure A)
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimen (Ferrous material & Alloys)	Tension Test on Turned Specimen	ASME SECTION IX (QW-150, QW-151, QW-152, QW-153)
269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimen (Ferrous material & Alloys)	All Weld Tensile Test	IS 3600 (Part 4)
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimen (Ferrous material & Alloys)	Face Bend	ASME SECTION IX (QW-160-163)

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TESTING LABORATORIES, S-121, HARSHA COMPOUND, SITE-2, LONI ROAD, INDUSTRIAL AREA, MOHAN NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11506 **Page No** 17 of 20

Validity 28/03/2023 to 27/03/2025 **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
271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimen (Ferrous material & Alloys)	Fillet Weld Fracture Test	ASME SECTION IX (QW-180-182)
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimen (Ferrous material & Alloys)	Fillet Weld Fracture Test	IS 3600 (Part 8)
273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimen (Ferrous material & Alloys)	Macro Examination (Magnification Scale: 10X)	ASME SECTION IX (QW-183-184)
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimen (Ferrous material & Alloys)	Macro Examination (Magnification Scale: 10X)	IS 3600 (Part 9)
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimen (Ferrous material & Alloys)	Root Bend	ASME SECTION IX (QW-160-163)
276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimen (Ferrous material & Alloys)	Side Bend	ASME SECTION IX (QW-160-163)
277	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimen (Ferrous material & Alloys)	Transverse Root Bend	IS 3600 (Part 5)
278	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimen (Ferrous material & Alloys)	Transverse Side Bend	IS 3600 (Part 6)
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimen (Ferrous material & Alloys)	Transverse Tensile Test	ASME SECTION IX (QW150, QW-151, QW-152, QW-153)
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimen (Ferrous material & Alloys)	Transverse Tensile Test	IS 3600 (Part 3)
281	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens (Ferrous material & Alloys)	Transverse Face Bend	IS 3600 (Part 5)
282	MECHANICAL- SOIL AND ROCK	Granite	Dimension (Length)	IS 14223 (Part 1)
283	MECHANICAL- SOIL AND ROCK	Granite	Dimension (Thickness)	IS 14223 (Part 1)
284	MECHANICAL- SOIL AND ROCK	Granite	Dimension (Width)	IS 14223 (Part 1)
285	MECHANICAL- SOIL AND ROCK	Granite	Dry Density	IS 13030

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TESTING LABORATORIES, S-121, HARSHA COMPOUND, SITE-2, LONI ROAD, INDUSTRIAL AREA, MOHAN NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11506 **Page No** 18 of 20

Validity 28/03/2023 to 27/03/2025 **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- SOIL AND ROCK	Granite	Hardness	IS 13630 (Part 13)
287	MECHANICAL- SOIL AND ROCK	Granite	Moisture content	IS 13030
288	MECHANICAL- SOIL AND ROCK	Granite	Porosity	IS 1124
289	MECHANICAL- SOIL AND ROCK	Granite	Resistance to Wear	IS 1706
290	MECHANICAL- SOIL AND ROCK	Granite	Specific Gravity	IS 1124
291	MECHANICAL- SOIL AND ROCK	Granite	Water Absorption	IS 1124
292	MECHANICAL- SOIL AND ROCK	GSB/ WMM/ WBM	California Bearing Ratio (CBR)	IS 2720 (Part 16)
293	MECHANICAL- SOIL AND ROCK	GSB/ WMM/ WBM	Liquid Limit (Soil)	IS 2720 (Part 5)
294	MECHANICAL- SOIL AND ROCK	GSB/ WMM/ WBM	Plastic Limit (Soil)	IS 2720 (Part 5)
295	MECHANICAL- SOIL AND ROCK	Marble	Dimension (Length)	IS 1130
296	MECHANICAL- SOIL AND ROCK	Marble	Dimension (Thickness)	IS 1130
297	MECHANICAL- SOIL AND ROCK	Marble	Dimension (Width)	IS 1130
298	MECHANICAL- SOIL AND ROCK	Marble	Moisture Absorption	IS 1124
299	MECHANICAL- SOIL AND ROCK	Marble	Scratch Hardness of Surface	IS 13630 (Part 13)
300	MECHANICAL- SOIL AND ROCK	Marble	Specific gravity	IS 1122
301	MECHANICAL- SOIL AND ROCK	Sand Stone/ Kota Stone/ Gwalior stone	Dimension (Length)	IS 3622
302	MECHANICAL- SOIL AND ROCK	Sand Stone/ Kota Stone/ Gwalior stone	Dimension (Thickness)	IS 3622
303	MECHANICAL- SOIL AND ROCK	Sand Stone/ Kota Stone/ Gwalior stone	Dimension (Width)	IS 3622
304	MECHANICAL- SOIL AND ROCK	Sand Stone/ Kota Stone/ Gwalior stone	Resistance to Wear	IS 1706

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TESTING LABORATORIES, S-121, HARSHA COMPOUND, SITE-2, LONI ROAD, INDUSTRIAL AREA, MOHAN NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11506 **Page No** 19 of 20

Validity 28/03/2023 to 27/03/2025 **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- SOIL AND ROCK	Sand Stone/ Kota Stone/ Gwalior stone	Water Absorption	IS 1124
306	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS 2720 (Part 16)
307	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
308	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (75mm IS sieve to 0.075mm IS sieve)	IS 2720 (Part 4)
309	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
310	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density (MDD) - Heavy Compaction	IS 2720 (Part 8)
311	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density (MDD) - Light Compaction	IS 2720 (Part 7)
312	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content (OMC) - Heavy Compaction	IS 2720 (Part 8)
313	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content (OMC) - Light Compaction	IS 2720 (Part 7)
314	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
315	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3, Section 1)
316	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TESTING LABORATORIES, S-121, HARSHA COMPOUND, SITE-2, LONI ROAD, INDUSTRIAL AREA, MOHAN NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11506 **Page No** 20 of 20

Validity 28/03/2023 to 27/03/2025 **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
Site Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Aggregates (Fine)	Bulking of Sand	IS 2386 (Part 3)
2	MECHANICAL- SOIL AND ROCK	Soil	Field Density Test (By Core Cutting Method)	IS 2720 (Part 29)
3	MECHANICAL- SOIL AND ROCK	Soil	Field Density Test (By sand replacement method)	IS 2720 (Part 28)
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Depth of Carbonation	IS 516 (Part 5, Section 3)
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Half Cell Potential Test	IS 516 (Part 5, Section 2)
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer Test	IS 516 (Part 5, Section 4)
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Ultrasonic Pulse Velocity Test	IS 516 (Part 5, Section 1)