National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TEST LAB PVT. LTD., KRISH PALACE, GOLA ROAD, PATNA, BIHAR, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-6656 **Page No** 1 of 12
Validity 16/01/2022 to 15/01/2024 **Last Amended on** 27/04/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride	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	Bitumen	Mineral materials (Ash Content)	IS 1217
7	CHEMICAL- BUILDING MATERIAL	Bitumen	Solubility in trichloroethylene	IS 1216
8	CHEMICAL- BUILDING MATERIAL	Cement	Calcium Oxide	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement	Chloride	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement	Combined Ferric Oxide & Alumina	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement	Ferric Oxide	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement	Insoluble residue	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement	Loss on ignition	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cement	Magnesium Oxide	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement	Silica	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Cement	Sulphuric anhydride (SO3)	IS 4032
17	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Acid soluble Chloride	IS 14959 P2
18	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Sulphur as SO3	IS 4032

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TEST LAB PVT. LTD., KRISH PALACE, GOLA ROAD, PATNA, BIHAR, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-6656 **Page No** 2 of 12
Validity 16/01/2022 to 15/01/2024 **Last Amended on** 27/04/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
19	CHEMICAL- BUILDING MATERIAL	Concrete	Rapid Chloride Permeability Test	ASTM C1202
20	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Organic Impurity	IS 2386 P2
21	CHEMICAL- BUILDING MATERIAL	Fly ash	Fe2O3, %	IS 1727
22	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss in Ignition	IS 1727
23	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesium Oxide	IS 1727
24	CHEMICAL- BUILDING MATERIAL	Fly ash	R2O3, %	IS 1727
25	CHEMICAL- BUILDING MATERIAL	Fly ash	Reactive silica by mass	IS 3812 P1
26	CHEMICAL- BUILDING MATERIAL	Fly ash	Silicon dia Oxide	IS 1727
27	CHEMICAL- BUILDING MATERIAL	Fly ash	Total sulphur as SO3	IS 1727
28	CHEMICAL- BUILDING MATERIAL	Microsilica	Loss of ignition	IS 1727
29	CHEMICAL- BUILDING MATERIAL	Microsilica	Silicon dia oxide	IS 1727
30	CHEMICAL- METALS & ALLOYS	Aluminum & its alloy	Anodic Coating	IS:5523
31	CHEMICAL- METALS & ALLOYS	Low Carbon & Alloy Steel / HT Strand Wire	Carbon	ASTM E 415
32	CHEMICAL- METALS & ALLOYS	Low Carbon & Alloy Steel/HT Strand Wire	Carbon	IS:228P-1
33	CHEMICAL- METALS & ALLOYS	Low Carbon & Alloy Steel/HT Strand Wire	Manganese	IS:228 P-2
34	CHEMICAL- METALS & ALLOYS	Low Carbon & Alloy Steel/HT Strand Wire	Phosphorus	IS:228 P-3
35	CHEMICAL- METALS & ALLOYS	Low Carbon & Alloy Steel/HT Strand Wire	Silicon	IS:228 P 8
36	CHEMICAL- METALS & ALLOYS	Low Carbon & Alloy Steel/HT Strand Wire	Sulphur	IS:228 P-9
37	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS:228 P-1

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TEST LAB PVT. LTD., KRISH PALACE, GOLA ROAD, PATNA, BIHAR, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-6656 **Page No** 3 of 12
Validity 16/01/2022 to 15/01/2024 **Last Amended on** 27/04/2022

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38	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS:228 P-2
39	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS:228 P-3
40	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS:228 P-8
41	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS:228 P-9
42	CHEMICAL- RESIDUES IN WATER	Drinking Water	Arsenic	IS:3025P-37
43	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron	IS:3025P-53
44	CHEMICAL- RESIDUES IN WATER	Water for construction purpose	Iron	IS:3025P-53
45	CHEMICAL- SOIL AND ROCK	Soil	Calcium as CaCO3	IS 2720 P23
46	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter, %	IS 2720 P 22
47	CHEMICAL- SOIL AND ROCK	Soil	pH Value	IS 2720 P26
48	CHEMICAL- SOIL AND ROCK	Soil	Sulphate as Na2SO4	IS 2720 P 27
49	CHEMICAL- SOIL AND ROCK	Soil	Sulphate as SO4	IS 2720 P27
50	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Content	IS 2720 P21
51	CHEMICAL- WATER	Drinking Water	Acidity as CaCO3	IS:3025P-22
52	CHEMICAL- WATER	Drinking Water	Alkalinity as CaCO3	IS:3025P-23
53	CHEMICAL- WATER	Drinking Water	Calcium	IS:3025P-40
54	CHEMICAL- WATER	Drinking Water	Chloride	IS:3025P-32
55	CHEMICAL- WATER	Drinking Water	Conductivity	IS:3025P-14
56	CHEMICAL- WATER	Drinking Water	Magnesium	IS:3025P-46
57	CHEMICAL- WATER	Drinking Water	pH	IS:3025P 11
58	CHEMICAL- WATER	Drinking Water	Phosphorus	IS:3025P-31
59	CHEMICAL- WATER	Drinking Water	Sulphate as SO3	IS:3025P-24
60	CHEMICAL- WATER	Drinking Water	Total dissolved solid	IS:3025P-16

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TEST LAB PVT. LTD., KRISH PALACE, GOLA ROAD, PATNA, BIHAR, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-6656 **Page No** 4 of 12
Validity 16/01/2022 to 15/01/2024 **Last Amended on** 27/04/2022

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61	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS:3025P-21
62	CHEMICAL- WATER	Drinking Water	Total suspended solid	IS:3025P-17
63	CHEMICAL- WATER	Drinking Water	Turbidity	IS:3025P-10
64	CHEMICAL- WATER	Water for construction purpose	Acidity	IS:3025P-22
65	CHEMICAL- WATER	Water for construction purpose	Alkalinity	IS:3025P-23
66	CHEMICAL- WATER	Water for construction purpose	Chloride	IS:3025P-32
67	CHEMICAL- WATER	Water for construction purpose	Fixed Residue (Inorganic Solid)	IS:3025P-18
68	CHEMICAL- WATER	Water for construction purpose	Non-filterable residue (Total Suspended solid)	IS:3025P-17
69	CHEMICAL- WATER	Water for construction purpose	pH	IS:3025P 11
70	CHEMICAL- WATER	Water for construction purpose	Sulphate as SO3	IS:3025P-24
71	CHEMICAL- WATER	Water for construction purpose	Volatile Residue (Organic Solid)	IS:3025P-18
72	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coagulation of emulsion at low temprature	IS 8887
73	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coating Ability and water resistance for dry aggregate, after spraying the dry aggregate, wet aggregate and after spraying the wet aggregate	IS 8887
74	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Distillation by volume at 190°C	IS 1213
75	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Distillation by Volume at 225°C	IS 1213
76	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Distillation by volume at 260°C	IS 1213
77	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Distillation by Volume at 315°C	IS 1213
78	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Ductility 27°C	IS 1208
79	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Miscibility with water	IS 8887
80	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Penetration at 25°C/100g/5sec	IS 1203
81	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue by evaporation	IS 8887

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TEST LAB PVT. LTD., KRISH PALACE, GOLA ROAD, PATNA, BIHAR, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-6656 **Page No** 5 of 12
Validity 16/01/2022 to 15/01/2024 **Last Amended on** 27/04/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
82	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on IS Sieve 600 Micron	IS 8887
83	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Stability to mixing with cement	IS 8887
84	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Storage stability after 24 h	IS 8887
85	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity by Saybolt Furol Viscometer at 25°C/ 50°C	IS 3117
86	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Water Content	IS 1211
87	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Air Void of Bitumen Mixture (Va)	ASTM D 3203
88	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Binder Content	IRC SP-11, Appn 5, Cl C
89	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Bulk Specific gravity of bitumen compacted mixture (Gmb)	ASTM D 2726
90	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Flow	ASTM D 6927
91	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D 6927
92	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Resistance of compacted Asphalt mixture tensile strength (Tensile strength ratio)	AASTHO T-283
93	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Stripping Value	IS 6241
94	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Theoretical Maximum Specific Gravity and Density of Hot Mix Asphalt (Gmm)	ASTM D 2041
95	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Voids filled with bitumen	MS - 2
96	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Voids Mineral Aggregate	MS - 2
97	MECHANICAL- BUILDINGS MATERIALS	Blanketing Material / Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Abrasion Value to Los Angeles	IS 2386 (Part 4)
98	MECHANICAL- BUILDINGS MATERIALS	Blanketing Material / Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Elongation Index	IS 2386 (Part 1)

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Laboratory Name : QUALITY TEST LAB PVT. LTD., KRISH PALACE, GOLA ROAD, PATNA, BIHAR, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-6656 **Page No** 6 of 12
Validity 16/01/2022 to 15/01/2024 **Last Amended on** 27/04/2022

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99	MECHANICAL- BUILDINGS MATERIALS	Blanketing Material / Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Flakiness Index	IS 2386 (Part 1)
100	MECHANICAL- BUILDINGS MATERIALS	Blanketing Material / Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Impact Value	IS 2386 (Part 4)
101	MECHANICAL- BUILDINGS MATERIALS	Blanketing Material / Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Sieve Analysis	IS 2386 (Part 1)
102	MECHANICAL- BUILDINGS MATERIALS	Blanketing Material / Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Soundness to Na2SO4	IS 2386 (Part 5)
103	MECHANICAL- BUILDINGS MATERIALS	Blanketing Material / Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Water Absorption	IS 2386 (Part 3)
104	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay / Fly Ash)	Compressive Strength	IS 3495
105	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay / Fly Ash)	Dimensions of Burnt Clay Bricks - height	IS 1077
106	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay / Fly Ash)	Dimensions of Burnt Clay Bricks - width	IS 1077
107	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay / Fly Ash)	Dimensions of Burnt Clay Bricks-length	IS 1077
108	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay / Fly Ash)	Dimensions to Fly Ash Bricks - height	IS 12894
109	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay / Fly Ash)	Dimensions to Fly Ash Bricks - length	IS 12894
110	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay / Fly Ash)	Dimensions to Fly Ash Bricks - width	IS 12894
111	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay / Fly Ash)	Efflorescence	IS 3495
112	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay / Fly Ash)	Water Absorption	IS 3495
113	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC / PSC)	Compressive Strength	IS 4031 (Part 6)
114	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC / PSC)	Density	IS 4031 (Part11)
115	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC / PSC)	Final Setting Time	IS 4031 (Part 5)
116	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC / PSC)	Fineness by Blaine's Method	IS 4031 (Part 2)
117	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC / PSC)	Initial Setting Time	IS 4031 (Part 5)

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TEST LAB PVT. LTD., KRISH PALACE, GOLA ROAD, PATNA, BIHAR, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-6656 **Page No** 7 of 12
Validity 16/01/2022 to 15/01/2024 **Last Amended on** 27/04/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
118	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC / PSC)	Soundness by Autoclave Method	IS 4031 (Part 3)
119	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC / PSC)	Soundness by Le to Chatelier Method	IS 4031 (Part 3)
120	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC / PSC)	Standard Consistency	IS 4031 (Part 4)
121	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Breaking Strength	IS 13630 (Part 6)
122	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Chemical Resistance to Methylene Blue	IS 13630 (Part 8)
123	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Chemical Resistance to Household Chemicals	IS 13630 (Part 8)
124	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Crazing Resistance	IS 13630 (Part 9)
125	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimensions - length	IS 13630 (Part 1)
126	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimensions - thickness	IS 13630 (Part 1)
127	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimensions - width	IS 13630 (Part 1)
128	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Modulus of Rupture	IS 13630 (Part 6)
129	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Resistance to Thermal Shock	IS 13630 (Part 5)
130	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Scratch Hardness of Surface (Moh's Scale)	IS 13630 (Part 13)
131	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS 13630 (Part 2)
132	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10 percent Fines Value	IS 2386 (Part 4)
133	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value to Los Angeles	IS 2386 (Part 4)
134	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
135	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Clay Lumps	IS 2386 (Part 2)
136	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TEST LAB PVT. LTD., KRISH PALACE, GOLA ROAD, PATNA, BIHAR, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-6656 **Page No** 8 of 12
Validity 16/01/2022 to 15/01/2024 **Last Amended on** 27/04/2022

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137	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by Na2SO4	IS 2386 (Part 5)
138	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
139	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
140	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	% of Void	IS 2386 P3
141	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Coal and Lignite	IS 2386 P2
142	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
143	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
144	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
145	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Material Finer than 75 Micron	IS 2386 (Part 1)
146	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386 (Part 1)
147	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516
148	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Strength	IS 516
149	MECHANICAL- BUILDINGS MATERIALS	Concrete	Permeability Test	DIN 1048 Part V
150	MECHANICAL- BUILDINGS MATERIALS	Core	Compressive Strength of Core	IS 516 Part 4
151	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 (Part 1)
152	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
153	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Clay Lumps	IS 2386 (Part 2)
154	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Coal and Lingnite	IS 2386 Part 2
155	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 Micron	IS 2386 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TEST LAB PVT. LTD., KRISH PALACE, GOLA ROAD, PATNA, BIHAR, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-6656 **Page No** 9 of 12
Validity 16/01/2022 to 15/01/2024 **Last Amended on** 27/04/2022

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156	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Percentage of Bulking	IS 2386 (Part 3)
157	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt Content	CPWD, Cl 3.1.3.2
158	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Na2SO4	IS 2386 (Part 5)
159	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
160	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
161	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength at 28 days	IS 1727
162	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness	IS 1727
163	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Particle retained on 45 micron	IS 1727
164	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Soundness by Auto clave	IS 1727
165	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Specific Gravity	IS 1727
166	MECHANICAL- BUILDINGS MATERIALS	Microsilica	Compressive Strength at 7 days as percent of control	IS 1727
167	MECHANICAL- BUILDINGS MATERIALS	MICROSILICA	Moisture Content	IS 15388
168	MECHANICAL- BUILDINGS MATERIALS	Microsilica	Oversize percent retain on 45 micron IS Sieve	IS 1727
169	MECHANICAL- BUILDINGS MATERIALS	Microsilica	Specific Gravity	IS 1727
170	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Elastic recovery of half thread in ductilometer at 25°C	IS 15462
171	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Loss in Mass	IS 9382
172	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Seperation difference in softening point	IS 15462
173	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Viscosity at 150°C	IS 1206(P-1)
174	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Absolute Viscosity at 60°C	IS 1206 (Part 2)

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TEST LAB PVT. LTD., KRISH PALACE, GOLA ROAD, PATNA, BIHAR, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-6656 **Page No** 10 of 12
Validity 16/01/2022 to 15/01/2024 **Last Amended on** 27/04/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
175	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Ductility	IS 1208
176	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Flash Point	IS 1448 (Part 69)
177	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Kinematic Viscosity at 135°C	IS 1206 (Part 3)
178	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Penetration	IS 1203
179	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Softening Point	IS 1205
180	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Specific Gravity	IS 1202
181	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Viscosity ratio at 60°C	IS 1206(P2)
182	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Abrasion Resistance	IS: 15658
183	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Compressive Strength	IS: 15658
184	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Flexural Strength	IS: 15658
185	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Water Absorption	IS: 15658
186	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HT Strand Wire	% Elongation	IS 1608 Part-1
187	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HT Strand Wire	0.2% Proof Load	IS 1608 Part-1
188	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HT Strand Wire	Breaking Strength	IS 1608 Part-1
189	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HT Strand Wire	Nominal Dia	IS 14268
190	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HT Strand Wire	Nominal Mass	IS 14268
191	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Bend	IS 1599

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TEST LAB PVT. LTD., KRISH PALACE, GOLA ROAD, PATNA, BIHAR, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-6656 **Page No** 11 of 12
Validity 16/01/2022 to 15/01/2024 **Last Amended on** 27/04/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
192	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Elongation	IS 1608 (Part 1)
193	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Mass per meter	IS 1786
194	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Rebend	IS 1786
195	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Tensile Strength	IS 1608 (Part 1)
196	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Yield Stress	IS 1608 (Part 1)
197	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material (Coupler)	Ultimate Load	IS 16172
198	MECHANICAL- SOIL AND ROCK	Blanketing Material / Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	California Bearing Ratio	IS 2720 (Part 16)
199	MECHANICAL- SOIL AND ROCK	Blanketing Material / Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Liquid Limit	IS 2720 (Part 5)
200	MECHANICAL- SOIL AND ROCK	Blanketing Material / Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Maximum Dry Density	IS 2720 (Part 8)
201	MECHANICAL- SOIL AND ROCK	Blanketing Material / Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Optimum Moisture Content	IS 2720 (Part 8)
202	MECHANICAL- SOIL AND ROCK	Blanketing Material / Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	Plastic Limit	IS 2720 (Part 5)
203	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
204	MECHANICAL- SOIL AND ROCK	Soil	Coefficient of Curvature	IS 1498
205	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear (Undrained) (C value)	IS 2720 (Part 13)
206	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear (Undrained) (F value)	IS 2720 (Part 13)
207	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
208	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Wet & Dry)	IS 2720 (Part 4)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY TEST LAB PVT. LTD., KRISH PALACE, GOLA ROAD, PATNA, BIHAR, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-6656 **Page No** 12 of 12
Validity 16/01/2022 to 15/01/2024 **Last Amended on** 27/04/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
209	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
210	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density	IS 2720 (Part 8)
211	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content	IS 2720 (Part 8)
212	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
213	MECHANICAL- SOIL AND ROCK	Soil	Sand Equivalent Values of Soils	IS 2720 (Part 37)
214	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3 / Sec 1)
215	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression Test (C value)	IS 2720 (Part 11)
216	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression Test (F value)	IS 2720 (Part 11)
217	MECHANICAL- SOIL AND ROCK	Soil	Uniformity Coefficient	IS 1498
218	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Rebound Hammer	IS 516 : Part 5 :Sec 4
219	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Ultra Sonic Pulse Velocity	IS 516 Part 5: Sec 1
220	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Crack Depth	IS 516 Part 5 Sec 1