National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MILLENNIUM CONSULTANTS & TECHNOCRATS, 33, NALANDA VIHAR, MAHARANI FARM, DURGAPURA, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7833 **Page No** 1 of 15

Validity 04/11/2022 to 03/11/2024 **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	Dry Material Content	IS 9103
3	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Aggregate (Fine & Course)	Alkali Aggregate Reactivity	IS 2386 (Part 7)
6	CHEMICAL- BUILDING MATERIAL	Aggregate (Fine)	Organic Impurities	IS 2386 (Part 2)
7	CHEMICAL- BUILDING MATERIAL	OPC and PPC Cement	Alumina (as Al2O3)	IS 4032
8	CHEMICAL- BUILDING MATERIAL	OPC and PPC Cement	Calcium (as CaO)	IS 4032
9	CHEMICAL- BUILDING MATERIAL	OPC and PPC Cement	Chloride (as Cl)	IS 4032
10	CHEMICAL- BUILDING MATERIAL	OPC and PPC Cement	Insoluble Residue	IS 4032
11	CHEMICAL- BUILDING MATERIAL	OPC and PPC Cement	Iron (as Fe2O3)	IS 4032
12	CHEMICAL- BUILDING MATERIAL	OPC and PPC Cement	Loss on ignition	IS 4032
13	CHEMICAL- BUILDING MATERIAL	OPC and PPC Cement	Magnesia (as MgO)	IS 4032
14	CHEMICAL- BUILDING MATERIAL	OPC and PPC Cement	Silica (as SiO2)	IS 4032
15	CHEMICAL- BUILDING MATERIAL	OPC and PPC Cement	Sulphur Anhydride (as SO3)	IS 4032
16	CHEMICAL- METALS & ALLOYS	Alloy Steel	Carbon (C)	IS 228 (Part 1)
17	CHEMICAL- METALS & ALLOYS	Alloy Steel	Manganese (Mn)	IS 228 (Part 2)
18	CHEMICAL- METALS & ALLOYS	Alloy Steel	Phosphorus (P)	IS 228 (Part 3)

SCOPE OF ACCREDITATION

Laboratory Name : MILLENNIUM CONSULTANTS & TECHNOCRATS, 33, NALANDA VIHAR, MAHARANI FARM, DURGAPURA, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7833 **Page No** 2 of 15

Validity 04/11/2022 to 03/11/2024 **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- METALS & ALLOYS	Alloy Steel	Silicon (Si)	IS 228 (Part 8)
20	CHEMICAL- METALS & ALLOYS	Alloy Steel	Sulphur (S)	IS 228 (Part 9)
21	CHEMICAL- SOIL AND ROCK	Soils	Chloride	IS 6925
22	CHEMICAL- SOIL AND ROCK	Soils	pH Value	IS 2720 (Part 26)
23	CHEMICAL- SOIL AND ROCK	Soils	Sulphate	IS 2720 (Part 27)
24	CHEMICAL- WATER	Construction Water	Chloride as Cl	IS 3025 (Part 32)
25	CHEMICAL- WATER	Construction Water	Inorganic Solid	IS 3025 (Part 18)
26	CHEMICAL- WATER	Construction Water	Organic Solid	IS 3025 (Part 18)
27	CHEMICAL- WATER	Construction Water	pH	IS 3025 (Part 11)
28	CHEMICAL- WATER	Construction Water	Sulphate	IS 3025 (Part 24) Sec-1
29	CHEMICAL- WATER	Construction Water	Suspended Matter	IS 3025 (Part 17)
30	CHEMICAL- WATER	Construction Water	Volume of 0.02N H_2SO_4 Required to Neutralize 100 ml Sample of Water (Alkalinity)	IS 3025 (Part 23)
31	CHEMICAL- WATER	Construction Water	Volume of 0.02N NaOH Required to Neutralize 100 ml Sample of Water (Acidity)	IS 3025 (Part 22)
32	CHEMICAL- WATER	Drinking Water	Acidity	IS 3025 (Part 22)
33	CHEMICAL- WATER	Drinking Water	Alkalinity (Phenolphthalein alkalinity and Total alkalinity)	IS 3025 (Part 23)
34	CHEMICAL- WATER	Drinking Water	Ammonical Nitrogen	IS 3025 (Part 34)
35	CHEMICAL- WATER	Drinking Water	Calcium	IS 3025 (Part 40)
36	CHEMICAL- WATER	Drinking Water	Carbonate and Bicarbonate	IS 3025 (Part 51)
37	CHEMICAL- WATER	Drinking Water	Chloride (Cl)	IS 3025 (Part 32)
38	CHEMICAL- WATER	Drinking Water	Chlorine Demand	IS 3025 (Part 25)
39	CHEMICAL- WATER	Drinking Water	Chlorine, Residual (Residual Free Chlorine)	IS 3025 (Part 26)
40	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)
41	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	IS 3025 (Part 38)

SCOPE OF ACCREDITATION

Laboratory Name : MILLENNIUM CONSULTANTS & TECHNOCRATS, 33, NALANDA VIHAR, MAHARANI FARM, DURGAPURA, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7833 **Page No** 3 of 15

Validity 04/11/2022 to 03/11/2024 **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
42	CHEMICAL- WATER	Drinking Water	Filterable Residue (Total Dissolved Solids)	IS 3025 (Part 16)
43	CHEMICAL- WATER	Drinking Water	Fluoride	IS 3025 (Part 60)
44	CHEMICAL- WATER	Drinking Water	Hardness	IS 3025 (Part 21)
45	CHEMICAL- WATER	Drinking Water	Magnesium	IS 3025 (Part 46)
46	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
47	CHEMICAL- WATER	Drinking Water	pH Value	IS 3025 (Part 11)
48	CHEMICAL- WATER	Drinking Water	Silica	IS 3025 (Part 35)
49	CHEMICAL- WATER	Drinking Water	Sulphate (SO4, BaSO4)	IS 3025 (Part 24) Sec 1
50	CHEMICAL- WATER	Drinking Water	Sulphide	IS 3025 (Part 29)
51	CHEMICAL- WATER	Drinking Water	Sulphite	IS 3025 (Part 28)
52	CHEMICAL- WATER	Drinking Water	Suspended Matter	IS 3025 (Part 17)
53	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 8)
54	CHEMICAL- WATER	Drinking Water	Temperature	IS 3025 (Part 9)
55	CHEMICAL- WATER	Drinking Water	Total Residue (Total Solids - Dissolved and Suspended)	IS 3025 (Part 15)
56	CHEMICAL- WATER	Industrial Water	Biological Oxygen Demand	IS 3025 (Part 44)
57	CHEMICAL- WATER	Industrial Water	Chemical Oxygen Demand	IS 3025 (Part 58)
58	CHEMICAL- WATER	Industrial Water	Oil & Grease	IS 3025 (Part 39)
59	CHEMICAL- WATER	Industrial Water	pH Value	IS 3025 (Part 11)
60	CHEMICAL- WATER	Industrial Water	Suspended Matter	IS 3025 (Part 17)
61	CHEMICAL- WATER	Potable Water	Acidity	IS 3025 (Part 22)
62	CHEMICAL- WATER	Potable Water	Alkalinity (Phenolphthalein alkalinity and Total alkalinity)	IS 3025 (Part 23)
63	CHEMICAL- WATER	Potable Water	Ammonical Nitrogen	IS 3025 (Part 34)
64	CHEMICAL- WATER	Potable Water	Calcium	IS 3025 (Part 40)
65	CHEMICAL- WATER	Potable Water	Carbonate and Bicarbonate	IS 3025 (Part 51)
66	CHEMICAL- WATER	Potable Water	Chloride as Cl	IS 3025 (Part 32)
67	CHEMICAL- WATER	Potable Water	Chlorine Demand	IS 3025 (Part 25)
68	CHEMICAL- WATER	Potable Water	Chlorine, Residual (Residual Free Chlorine)	IS 3025 (Part 26)
69	CHEMICAL- WATER	Potable Water	Colour	IS 3025 (Part 4)

SCOPE OF ACCREDITATION

Laboratory Name : MILLENNIUM CONSULTANTS & TECHNOCRATS, 33, NALANDA VIHAR, MAHARANI FARM, DURGAPURA, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7833 **Page No** 4 of 15

Validity 04/11/2022 to 03/11/2024 **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
70	CHEMICAL- WATER	Potable Water	Dissolved Oxygen	IS 3025 (Part 38)
71	CHEMICAL- WATER	Potable Water	Filterable Residue (Total Dissolved Solids)	IS 3025 (Part 16)
72	CHEMICAL- WATER	Potable Water	Fluoride	IS 3025 (Part 60)
73	CHEMICAL- WATER	Potable Water	Hardness	IS 3025 (Part 21)
74	CHEMICAL- WATER	Potable Water	Magnesium	IS 3025 (Part 46)
75	CHEMICAL- WATER	Potable Water	Non-Felterable Residue (Total Suspended Solids)	IS 3025 (Part 17)
76	CHEMICAL- WATER	Potable Water	Odour	IS 3025 (Part 5)
77	CHEMICAL- WATER	Potable Water	pH Value	IS 3025 (Part 11)
78	CHEMICAL- WATER	Potable Water	Silica	IS 3025 (Part 35)
79	CHEMICAL- WATER	Potable Water	Sulphate (SO4, BaSO4)	IS 3025 (Part 24) Sec 1
80	CHEMICAL- WATER	Potable Water	Sulphide	IS 3025 (Part 29)
81	CHEMICAL- WATER	Potable Water	Sulphite	IS 3025 (Part 28)
82	CHEMICAL- WATER	Potable Water	Taste	IS 3025 (Part 8)
83	CHEMICAL- WATER	Potable Water	Temperature	IS 3025 (Part 9)
84	CHEMICAL- WATER	Potable Water	Total Residue (Total Solids - Dissolved and Suspended)	IS 3025 (Part 15)
85	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Bulk Density (Loose)	IS 2386 (Part 3)
86	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Bulking of Sand- Bulkage	IS 2386 (Part 1)
87	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Clay Lumps	IS 2386 (Part 1)
88	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Materials Finer than 75 micron	IS 2386 (Part 1)
89	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Sieve Analysis (Sieve Size- 10.0mm,4.75mm, 2.36mm,1.18mm,600 mic, 300Mic. 150mic.)	IS 2386 (Part 1)
90	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Soundness(Chemical -Na2so4 & Mgso4)	IS 2386 (Part 5)
91	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Specific Gravity	IS 2386 (Part 3)
92	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Water Absorption	IS 2386 (Part 3)

SCOPE OF ACCREDITATION

Laboratory Name : MILLENNIUM CONSULTANTS & TECHNOCRATS, 33, NALANDA VIHAR, MAHARANI FARM, DURGAPURA, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7833 **Page No** 5 of 15

Validity 04/11/2022 to 03/11/2024 **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
93	MECHANICAL- BUILDINGS MATERIALS	Aggregate- (Fine)	Bulk Density (Compacted)	IS 2386(Part-3)
94	MECHANICAL- BUILDINGS MATERIALS	Aluminium & Ferrous Based	Anodic Coating Thk.	IS 1868
95	MECHANICAL- BUILDINGS MATERIALS	Aluminium & Ferrous Based	Powder Coating Thickness	IS 101 Part-3 Sec.2
96	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Products	Bulk Density	IS 6441 (Part 1)
97	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Products	Compressive Strength	IS 6441 (Part 5)
98	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Products	Dimensions - Height	IS 2185 (Part 3)
99	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Products	Dimensions - Length	IS 2185 (Part 3)
100	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Products	Dimensions - Width	IS 2185 (Part 3)
101	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Products	Moisture Content	IS 6441 (Part 1)
102	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Miscibility with water	IS 8887
103	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Particle Charge	IS 8887
104	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600 µ IS Sieve	IS 8887
105	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Storage Stability	IS 8887
106	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue Solubility in Trichloroethylene	IS 1216
107	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue Ductility	IS 1208
108	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue Penetration	IS 1203
109	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue Residue by Evaporation	IS 8887
110	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity by Saybolt Furol Viscometer at 25°C	IS 3117
111	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity by Saybolt Furol Viscometer at 50°C	IS 3117

SCOPE OF ACCREDITATION

Laboratory Name : MILLENNIUM CONSULTANTS & TECHNOCRATS, 33, NALANDA VIHAR, MAHARANI FARM, DURGAPURA, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7833 **Page No** 6 of 15

Validity 04/11/2022 to 03/11/2024 **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
112	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Water Content	IS 1211
113	MECHANICAL- BUILDINGS MATERIALS	Bituminious Mix	BT Core Density	ASTM 2726
114	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Binder Content	IRC SP-11 RA2011 Appendix 5 Clause C
115	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Core Density	ASTM D-2726M-14
116	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Flow	ASTM D 6927-15
117	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D 6927-15
118	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Maximum Theoretical Specific Gravity (Gmm)	ASTM D 2041-11
119	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay / Fly Ash)	Compressive Strength	IS 3495 (Part 1)
120	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay / Fly Ash)	Dimensions - Height	IS 1077
121	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay / Fly Ash)	Dimensions - Length	IS 1077
122	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay / Fly Ash)	Dimensions - Width	IS 1077
123	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay / Fly Ash)	Efflorescence	IS 3495 (Part 3)
124	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay / Fly Ash)	Water Absorption	IS 3495 (Part 2)
125	MECHANICAL- BUILDINGS MATERIALS	CEMENT (OPC & PPC)	Compressive Strength 28 Day's (672±4h)	IS 4031 (Part 6)
126	MECHANICAL- BUILDINGS MATERIALS	CEMENT (OPC & PPC)	Compressive Strength 3 Day's (72±1h)	IS 4031 (Part 6)
127	MECHANICAL- BUILDINGS MATERIALS	CEMENT (OPC & PPC)	Compressive Strength 7 Day's (168±2h)	IS 4031 (Part 6)
128	MECHANICAL- BUILDINGS MATERIALS	CEMENT (OPC & PPC)	Density	IS 4031 (Part 11)
129	MECHANICAL- BUILDINGS MATERIALS	CEMENT (OPC & PPC)	Final Setting Time	IS 4031 (Part 5)
130	MECHANICAL- BUILDINGS MATERIALS	CEMENT (OPC & PPC)	Fineness (By Blaine Air Permeability)	IS 4031 (Part 2)

SCOPE OF ACCREDITATION

Laboratory Name : MILLENNIUM CONSULTANTS & TECHNOCRATS, 33, NALANDA VIHAR, MAHARANI FARM, DURGAPURA, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7833 **Page No** 7 of 15

Validity 04/11/2022 to 03/11/2024 **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
131	MECHANICAL- BUILDINGS MATERIALS	CEMENT (OPC & PPC)	Initial Setting Time	IS 4031 (Part 5)
132	MECHANICAL- BUILDINGS MATERIALS	CEMENT (OPC & PPC)	Soundness (Le-Chatelier Method)	IS 4032 (Part 3)
133	MECHANICAL- BUILDINGS MATERIALS	CEMENT (OPC & PPC)	Standard Consistency	IS 4031 (Part 4)
134	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring tile	Dimension(Length)	IS 1237
135	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension - width	IS 1237
136	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Flatness	IS 1237 Annex B
137	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Perpendicularity	IS 1237 Annex C
138	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Resistance to Wear	IS 1237 Annex G
139	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Straightness	IS 1237 Annex D
140	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Water Absorption	IS 1237 Annex B
141	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Wet Transverse Strength	IS 1237 Annex F
142	MECHANICAL- BUILDINGS MATERIALS	Chequered / Terrazzo Cement Concrete Tiles	Flatness	IS 13801 Annex B
143	MECHANICAL- BUILDINGS MATERIALS	Chequered / Terrazzo Cement Concrete Tiles	Perpendicularity	IS 13801 Annex C
144	MECHANICAL- BUILDINGS MATERIALS	Chequered / Terrazzo Cement Concrete Tiles	Resistance to Wear	IS 13801 Annex G
145	MECHANICAL- BUILDINGS MATERIALS	Chequered / Terrazzo Cement Concrete Tiles	Straightness	IS 13801 Annex D
146	MECHANICAL- BUILDINGS MATERIALS	Chequered / Terrazzo Cement Concrete Tiles	Water Absorption	IS 13801 Annex E
147	MECHANICAL- BUILDINGS MATERIALS	Chequered / Terrazzo Cement Concrete Tiles	Wet Transverse Strength	IS 13801 Annex F
148	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fine Value	IS 2386 (Part 4)
149	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density(Loose & compacted)	IS 2386 (Part 3)

SCOPE OF ACCREDITATION

Laboratory Name : MILLENNIUM CONSULTANTS & TECHNOCRATS, 33, NALANDA VIHAR, MAHARANI FARM, DURGAPURA, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7833 **Page No** 8 of 15

Validity 04/11/2022 to 03/11/2024 **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
150	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Clay Lump	IS 2386 (Part 1)
151	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
152	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
153	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
154	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
155	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angles Abrasion	IS 2386 (Part 4)
156	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Materials Finer than 75 micron	IS 2386 (Part 1)
157	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve Size-80.0mm, 40mm,20.0mm,10.0mm, 4.75mm,2.36mm)	IS 2386 (Part 1)
158	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soft Particles	IS 2386 (Part 1)
159	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness(Chemical -Na2so4 & Mgso4)	IS 2386 (Part 5)
160	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
161	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Stripping Value	IS 6241
162	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
163	MECHANICAL- BUILDINGS MATERIALS	Concrete (For Fresh & Hardened)	Compressive Strength by Accelerated Curing	IS 9013
164	MECHANICAL- BUILDINGS MATERIALS	Concrete (For Fresh & Hardened)	Compressive Strength (Cube & Core)	IS 516 Part-1/Sec-1
165	MECHANICAL- BUILDINGS MATERIALS	Concrete (For Fresh & Hardened)	Workability by Slump Test	IS 1199 part-2
166	MECHANICAL- BUILDINGS MATERIALS	Concrete Block (Hollow / Solid)	Block Density	IS 2185 (Part 1)
167	MECHANICAL- BUILDINGS MATERIALS	Concrete Block (Hollow / Solid)	Compressive Strength	IS 2185 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : MILLENNIUM CONSULTANTS & TECHNOCRATS, 33, NALANDA VIHAR, MAHARANI FARM, DURGAPURA, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7833 **Page No** 9 of 15

Validity 04/11/2022 to 03/11/2024 **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
168	MECHANICAL- BUILDINGS MATERIALS	Concrete Block (Hollow / Solid)	Dimensions - Height	IS 2185 (Part 1)
169	MECHANICAL- BUILDINGS MATERIALS	Concrete Block (Hollow / Solid)	Dimensions - Length	IS 2185 (Part 1)
170	MECHANICAL- BUILDINGS MATERIALS	Concrete Block (Hollow / Solid)	Dimensions - Width	IS 2185 (Part 1)
171	MECHANICAL- BUILDINGS MATERIALS	Concrete Block (Hollow / Solid)	Water Absorption	IS 2185 (Part 1)
172	MECHANICAL- BUILDINGS MATERIALS	Door Shutters	Dimension - Width	IS 4020 (Part 2)
173	MECHANICAL- BUILDINGS MATERIALS	Door Shutters	Dimension - Height	IS 4020 (Part 2)
174	MECHANICAL- BUILDINGS MATERIALS	Door Shutters	Dimension - Thickness	IS 4020 (Part 2)
175	MECHANICAL- BUILDINGS MATERIALS	Door Shutters	End Emersion	IS 4020 (Part 13)
176	MECHANICAL- BUILDINGS MATERIALS	Door Shutters	Glue Adhesion	IS 4020 (Part 15)
177	MECHANICAL- BUILDINGS MATERIALS	Door Shutters	Knife Test	IS 4020 (Part 14)
178	MECHANICAL- BUILDINGS MATERIALS	Door Shutters	Squareness	IS 4020 (Part 2)
179	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of sand (Moisture)	IS 2386(Pt-III)
180	MECHANICAL- BUILDINGS MATERIALS	Flexural Beam	Flexural Beam Strength Test	516 Part-1(Sec-1)
181	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness (By Blaine Air)	IS 1727
182	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Residue on 45 micron	IS 1727
183	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness (Le-Chatelier Method)	IS 1727
184	MECHANICAL- BUILDINGS MATERIALS	Industrial Bitumen	Ductility	IS 1208
185	MECHANICAL- BUILDINGS MATERIALS	Industrial Bitumen	Flash Point	IS 1448 (Part 69)
186	MECHANICAL- BUILDINGS MATERIALS	Industrial Bitumen	Penetration	IS 1203

SCOPE OF ACCREDITATION

Laboratory Name : MILLENNIUM CONSULTANTS & TECHNOCRATS, 33, NALANDA VIHAR, MAHARANI FARM, DURGAPURA, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7833 **Page No** 10 of 15

Validity 04/11/2022 to 03/11/2024 **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
187	MECHANICAL- BUILDINGS MATERIALS	Industrial Bitumen	Softening Point	IS 1205
188	MECHANICAL- BUILDINGS MATERIALS	Industrial Bitumen	Solubility in Trichloroethylene	IS 1216
189	MECHANICAL- BUILDINGS MATERIALS	Industrial Bitumen	Specific Gravity	IS 1202
190	MECHANICAL- BUILDINGS MATERIALS	Particle Board	Density	IS 2380 (Part 3)
191	MECHANICAL- BUILDINGS MATERIALS	Particle Board	Moisture Content	IS 2380 (Part 3)
192	MECHANICAL- BUILDINGS MATERIALS	Particle Board	Water Absorption After 2 Hours	IS 2380 (Part 16)
193	MECHANICAL- BUILDINGS MATERIALS	Particle Board	Water Absorption After 24 Hours	IS 2380 (Part 16)
194	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Abrasion Resistance Test	IS 15658 ANNEX E
195	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS15658 ANNEX D
196	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension - Length	IS 15658 ANNEX-B
197	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension - Thickness	IS 15658 Annex B
198	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension - Width	IS 15658 Annex B
199	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Visual Inspection	IS 15658
200	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658 Annex C
201	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Elastic Recovery at 15°C	IS 15462
202	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Elastic Recovery at 25°C	IS 15462
203	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Increase in Softening point	IS 1205
204	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Loss in mass	IS 9382
205	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Reduction in Penetration of Residue	IS 1203

SCOPE OF ACCREDITATION

Laboratory Name :	MILLENNIUM CONSULTANTS & TECHNOCRATS, 33, NALANDA VIHAR, MAHARANI FARM, DURGAPURA, JAIPUR, RAJASTHAN, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7833	**Page No**	11 of 15
Validity	04/11/2022 to 03/11/2024	**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
206	MECHANICAL- BUILDINGS MATERIALS	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Elongation Index	IS 2386 (Part-1)
207	MECHANICAL- BUILDINGS MATERIALS	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Flakiness Index	IS 2386 (Part-1)
208	MECHANICAL- BUILDINGS MATERIALS	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Impact Value	IS2386 (Part-4)
209	MECHANICAL- BUILDINGS MATERIALS	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Los Angels Abrasion Value	IS 2386 (Part-4)
210	MECHANICAL- BUILDINGS MATERIALS	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Sieve Analysis (75mm,53mm,26.5mm,9.5mm, 4.75mm,2.36mm,425 mic. 75 mic.)	IS 2386 (Part-1)
211	MECHANICAL- BUILDINGS MATERIALS	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Water Absorption	IS 2386 (Part-3)
212	MECHANICAL- BUILDINGS MATERIALS	Timber	Moisture Content	IS 1708 (Part-1)
213	MECHANICAL- BUILDINGS MATERIALS	Timber	Specific Gravity	IS 1708 (Part-2)
214	MECHANICAL- BUILDINGS MATERIALS	Vitrified Ceramic Tile	Crazing Test	IS 13630(Part-9)
215	MECHANICAL- BUILDINGS MATERIALS	Vitrified Ceramic Tile	Flatness	IS 13630
216	MECHANICAL- BUILDINGS MATERIALS	Vitrified Ceramic Tile	Impact Test	IS 13630 (Part-14)
217	MECHANICAL- BUILDINGS MATERIALS	Vitrified Ceramic Tile	Rectangularity	IS 13630(Part-1)
218	MECHANICAL- BUILDINGS MATERIALS	Vitrified Ceramic Tile	Straightness	IS 13630 (Pt-1)
219	MECHANICAL- BUILDINGS MATERIALS	Vitrified Ceramic Tile	Water Absorption	13630 (Part-2)
220	MECHANICAL- BUILDINGS MATERIALS	Vitrified Ceramic Tiles	Scratch Hardness of Surface (Moh's Scale)	IS 13630 (Part 13)
221	MECHANICAL- BUILDINGS MATERIALS	Vitrified Tile	Dimension (Length & width)	IS 13630(Part-1)
222	MECHANICAL- BUILDINGS MATERIALS	Vitrified tile	Resistance to Stain	IS 13630(Part-8)
223	MECHANICAL- BUILDINGS MATERIALS	vitrified Tiles	Modulus of rapture	IS 13630(Part-6)

SCOPE OF ACCREDITATION

Laboratory Name :	MILLENNIUM CONSULTANTS & TECHNOCRATS, 33, NALANDA VIHAR, MAHARANI FARM, DURGAPURA, JAIPUR, RAJASTHAN, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7833	**Page No**	12 of 15
Validity	04/11/2022 to 03/11/2024	**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
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Bars	Bend Test (Mandrel Diameter: 24, 30, 32, 36, 40, 44, 48, 60, 80, 100, 120, 125, 128, 140, 158, 220, 288 mm)	IS 1599
225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Bars	Elongation	IS 1608(Pt-1)
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Bars	Rebend Test(Mandrel Diameter: 24, 30, 32, 36, 40, 44, 48, 60, 80, 100, 120, 125, 128, 140, 158, 220, 288 mm)	IS 1786
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Bars	Tensile Strength	IS 1608(Pt-1)
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Bars	Unit Weight	IS 1786
229	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Bars	Yield Stress	IS 1608(Pt-1)
230	MECHANICAL-MECHANICAL PROPERTIES OF METALS	IRON & STEEL Articles	Mass of Zinc Coating on Zinc Coating iron and Steel Articles	IS 6745
231	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube/ Pipe	Flattening	IS 2328
232	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube/Pipe	Bend Test (Mandrel Dia.-120mm,180mm,240mm,300mm)	IS 2329
233	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel	Bend Test (Mandrel Diameter: 24, 30, 32, 36, 40, 44, 48, 60, 80, 100, 120, 125, 128, 140, 158, 220, 288 mm)	IS 1599
234	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel	Elongation	IS 1608(Pt-1)
235	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel	Tensile Strength	IS 1608(Pt-1)
236	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel	Yield Stress	IS 1608 (Pt-1)

SCOPE OF ACCREDITATION

Laboratory Name : MILLENNIUM CONSULTANTS & TECHNOCRATS, 33, NALANDA VIHAR, MAHARANI FARM, DURGAPURA, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7833 **Page No** 13 of 15

Validity 04/11/2022 to 03/11/2024 **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
237	MECHANICAL- SOIL AND ROCK	Natural Stone (Marble / Granite / Slate / Quartz/ Kota Stone)	Apparent Specific Gravity	IS 1124
238	MECHANICAL- SOIL AND ROCK	Natural Stone (Marble / Granite / Slate / Quartz/ Kota stone)	True Specific Gravity	IS 1122
239	MECHANICAL- SOIL AND ROCK	Natural Stone (Marble / Granite / Slate / Quartz/ Kota Stone)	Water Absorption	IS 1124
240	MECHANICAL- SOIL AND ROCK	Natural Stone (Marble / Granite / Slate / Quartz/kota stone)	Compressive Strength	IS 1121 (Part 1)
241	MECHANICAL- SOIL AND ROCK	Rock	Point Load Strength Index	IS 8764
242	MECHANICAL- SOIL AND ROCK	Rock	Dry Density	IS 13030
243	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
244	MECHANICAL- SOIL AND ROCK	Rock	Relative Density	IS 13030
245	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS 1124
246	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength Test	IS 9143
247	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	IS 1124
248	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
249	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part-3/Sec.-1 & 2)
250	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression Test -UU	IS 2720 (Part-11)
251	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
252	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS 2720 (Part 16)
253	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test	IS 2720(Part-15)
254	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test	IS 2720 (Part-13)
255	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)

SCOPE OF ACCREDITATION

Laboratory Name : MILLENNIUM CONSULTANTS & TECHNOCRATS, 33, NALANDA VIHAR, MAHARANI FARM, DURGAPURA, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7833 **Page No** 14 of 15

Validity 04/11/2022 to 03/11/2024 **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
256	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Dry Sieve Analysis)	IS 2720 (Part 4)
257	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (by Hydrometer- wet Sieve)	IS 2720 (Part 4)
258	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction Maximum Dry Density	IS 2720 (Part 8)
259	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction Optimum Moisture Content	IS 2720 (Part 8)
260	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction Maximum Dry Density	IS 2720 (Part 7)
261	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction Optimum Moisture Content	IS 2720 (Part 7)
262	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
263	MECHANICAL- SOIL AND ROCK	soil	Permeability Test (constant Head test)	IS 2720(PART-17)
264	MECHANICAL- SOIL AND ROCK	Soil	Permeability Test(falling Head)	IS 2720(PART-17)
265	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
266	MECHANICAL- SOIL AND ROCK	SOIL	Unconfined Compressive Strength	IS 2720 (Pt-10)
267	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)
268	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, WMM, WBM)	CBR	IS 2720 (Pt-16)
269	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Liquid Limit	IS 2720 (Part-5)
270	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Maximum Dry Density	IS 2720 (Part-8)
271	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Optimum Moisture Content	IS 2720 (Part-8)
272	MECHANICAL- SOIL AND ROCK	Sub Base Non Bituminous Material (GSB, WMM, WBM)	Plastic Limit	IS 2720 (Part-5)

SCOPE OF ACCREDITATION

Laboratory Name : MILLENNIUM CONSULTANTS & TECHNOCRATS, 33, NALANDA VIHAR, MAHARANI FARM, DURGAPURA, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7833 **Page No** 15 of 15

Validity 04/11/2022 to 03/11/2024 **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- SOIL AND ROCK	Clay, Soil & weathered Roak	Standard Penetration Test	IS 2131
2	MECHANICAL- SOIL AND ROCK	Soil	In Sity Density - Sand Replacement Method	IS 2720 (Part-28)
3	MECHANICAL- SOIL AND ROCK	Soil	Modulus of Sub Grade Reaction(K- value)	IS 9214
4	MECHANICAL- SOIL AND ROCK	Soil	Plate Load Test	IS 1888
5	MECHANICAL- SOIL AND ROCK	Soil & Rock	Electrical Earth Resistivity	IS 3043
6	MECHANICAL- SOIL AND ROCK	Soil & Rock	Field CBR	IS 2720(Part-31)
7	MECHANICAL- SOIL AND ROCK	Soil and Rock	In Sity Density by Core Cutter method	Is 2720(part-29)
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Half Cell Potential Difference test	IS 516(part-5/Sec-2)
9	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Test	Ultrasonic Pulse Velocity Test	IS 516 Pt-5/Sec 1
10	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Test	Carbonation Test	IS 516(Par-5/Sec3)
11	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Test	Rebound Hammer Test	IS 516(part-5/Sec-4)