National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ANNOR TEST LABS AND ENGINEERING SERVICES PRIVATE LIMITED, #2-90, VENUS BAZAR, SRINAGAR COLONY, GANNAVARAM, KRISHNA, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5332 **Page No** 1 of 8

Validity 19/08/2022 to 18/08/2024 **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	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	Aggregates	Chlorides as Cl	BS EN 1744 -1+A1
7	CHEMICAL- BUILDING MATERIAL	Aggregates	Sulphates	BS EN 1744 -1+A1
8	CHEMICAL- BUILDING MATERIAL	Cement (Ordinary Portland cement (OPC) & Portland Pozzolana Cement (PPC))	Alumina as Al2O3	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement (Ordinary Portland cement (OPC) & Portland Pozzolana Cement (PPC))	Calcium Oxide as CaO	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement (Ordinary Portland cement (OPC) & Portland Pozzolana Cement (PPC))	Iron Oxide as Fe2O3	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement (Ordinary Portland cement (OPC) & Portland Pozzolana Cement (PPC))	Silica as SiO2	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement (Ordinary Portland cement (OPC), Portland Pozzolana Cement (PPC) & Portland Slag Cement (PSC))	Chloride as Cl	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement (Ordinary Portland cement (OPC), Portland Pozzolana Cement (PPC) & Portland Slag Cement (PSC))	Insoluble Residue	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cement (Ordinary Portland cement (OPC), Portland Pozzolana Cement (PPC) & Portland Slag Cement (PSC))	Loss on Ignition	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement (Ordinary Portland cement (OPC), Portland Pozzolana Cement (PPC) & Portland Slag Cement (PSC))	Magnesium Oxide as MgO	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Cement (Ordinary Portland cement (OPC), Portland Pozzolana Cement (PPC) & Portland Slag Cement (PSC))	Sulphuric Anhydride as SO3	IS 4032
17	CHEMICAL- METALS & ALLOYS	Steel	Carbon	IS 228 (Part 1)
18	CHEMICAL- METALS & ALLOYS	Steel	Carbon Equivalent	IS 1786

SCOPE OF ACCREDITATION

Laboratory Name : ANNOR TEST LABS AND ENGINEERING SERVICES PRIVATE LIMITED, #2-90, VENUS BAZAR, SRINAGAR COLONY, GANNAVARAM, KRISHNA, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5332 **Page No** 2 of 8

Validity 19/08/2022 to 18/08/2024 **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	Steel	Manganese	IS 228 (Part 2)
20	CHEMICAL- METALS & ALLOYS	Steel	Phosphorous	IS 228 (Part 3)
21	CHEMICAL- METALS & ALLOYS	Steel	Silicon	IS 228 (Part 8)
22	CHEMICAL- METALS & ALLOYS	Steel	Sulphur	IS 228 (Part 9)
23	CHEMICAL- SOIL AND ROCK	Soil	Calcium Carbonate	IS 2720 (Part 23)
24	CHEMICAL- SOIL AND ROCK	Soil	Conductivity	IS 14767
25	CHEMICAL- SOIL AND ROCK	Soil	Moisture	IS 2720 (Part 02)
26	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 (Part 22)
27	CHEMICAL- SOIL AND ROCK	Soil	pH	IS 2720 (Part 26)
28	CHEMICAL- SOIL AND ROCK	Soil	Phosphorus	IS 10158
29	CHEMICAL- SOIL AND ROCK	Soil	Total Kjeldhal Nitrogen	IS 14684
30	CHEMICAL- SOIL AND ROCK	Soil	Water Soluble Sulphate	IS 2720 (Part 27)
31	CHEMICAL- WATER	Construction Water	0.02N H_2SO_4 to neutralize 100 ml sample of water, using mixed indicator	IS 3025 (Part 23) & IS 456
32	CHEMICAL- WATER	Construction Water	0.02N NaoH required to neutralize 100 ml sample of water, using phenolphthalein as an indicator	IS 3025 (Part 22) & IS 456
33	CHEMICAL- WATER	Construction Water	Chlorides	IS 3025 (Part 32)
34	CHEMICAL- WATER	Construction Water	In Organic Solids	IS 3025 (Part 18)
35	CHEMICAL- WATER	Construction Water	Organic Solids	IS 3025 (Part 18)
36	CHEMICAL- WATER	Construction water	pH	IS 3025 (Part 11)
37	CHEMICAL- WATER	Construction Water	Sulphates as (SO_3)	IS 3025 (Part 24)
38	CHEMICAL- WATER	Construction Water	Suspended Matter	IS 3025 (Part 17)

SCOPE OF ACCREDITATION

Laboratory Name : ANNOR TEST LABS AND ENGINEERING SERVICES PRIVATE LIMITED, #2-90, VENUS BAZAR, SRINAGAR COLONY, GANNAVARAM, KRISHNA, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5332 **Page No** 3 of 8

Validity 19/08/2022 to 18/08/2024 **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
39	CHEMICAL- WATER	Drinking Water	Calcium as (Ca)	IS 3025 (Part 40)
40	CHEMICAL- WATER	Drinking water	Chlorides as (Cl)	IS 3025 (Part 32)
41	CHEMICAL- WATER	Drinking water	Colour	IS 3025 (Part 04)
42	CHEMICAL- WATER	Drinking Water	Electrical Cnductivity	IS 3025 (Part 14)
43	CHEMICAL- WATER	Drinking Water	Fluorides as (F)	IS 3025 (Part 60)
44	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	IS 3025 (Part 26)
45	CHEMICAL- WATER	Drinking Water	Iron as (Fe)	IS 3025 (Part 53)
46	CHEMICAL- WATER	Drinking Water	Magnesium as (Mg)	IS 3025 (Part 46)
47	CHEMICAL- WATER	Drinking Water	Nitrates as (NO3)	IS 3025 (Part 34)
48	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 05)
49	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
50	CHEMICAL- WATER	Drinking Water	Sulphates as (SO4)	IS 3025 (Part 24)
51	CHEMICAL- WATER	Drinking Water	Total Alkalinity as (CaCO3)	IS 3025 (Part 23)
52	CHEMICAL- WATER	Drinking water	Total Dissolved Solids	IS 3025 (Part 16)
53	CHEMICAL- WATER	Drinking water	Total Hardness as (CaCO3)	IS 3025 (Part 21)
54	CHEMICAL- WATER	Drinking water	Turbidity	IS 3025 (Part 10)
55	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity@60°C	IS 1206 (Part 2)
56	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
57	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Fire Point	IS 1209
58	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point	IS 1209
59	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity @135 °C	IS 1206 (Part 3)
60	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
61	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening point	IS 1205
62	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
63	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Compresive Strength	IS 3495 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : ANNOR TEST LABS AND ENGINEERING SERVICES PRIVATE LIMITED, #2-90, VENUS BAZAR, SRINAGAR COLONY, GANNAVARAM, KRISHNA, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5332 **Page No** 4 of 8

Validity 19/08/2022 to 18/08/2024 **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
64	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension -Width	IS 1077
65	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimensions - Height	IS 1077
66	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimensions -Length	IS 1077
67	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Efflorescence	IS 3495 (Part.3)
68	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Water Aborption	IS 3495 (Part 2)
69	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by Na2SO4	IS 2386 (Part 5)
70	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386 (Part IV)
71	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Abrasion value	IS 2386 (Part 4)
72	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Clay Lumps	IS 2386 (Part II)
73	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part IV)
74	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
75	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Finer than 75 microns	IS 2386 (Part 1)
76	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
77	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part IV)
78	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by MgSO4	IS 2386 (Part 5)
79	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
80	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
81	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS 2386 (Part III)
82	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Grading (Sieve Size: 75 micron to 80 mm)	IS 2386 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : ANNOR TEST LABS AND ENGINEERING SERVICES PRIVATE LIMITED, #2-90, VENUS BAZAR, SRINAGAR COLONY, GANNAVARAM, KRISHNA, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5332 **Page No** 5 of 8

Validity 19/08/2022 to 18/08/2024 **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
83	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Stone Polish Value	BS 812 (Part 114)
84	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Ductility 27°C	IS 1208
85	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Penetration @25°C	IS 1203
86	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Residue on 600µ Sieve	IS 8887-D
87	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Viscosity by saybolt	IS 3117
88	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
89	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Clay Lumps	IS 2386 (Part II)
90	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Finer than 75µ	IS 2386 (Part 1)
91	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by MgSO4	IS 2386 (Part 5)
92	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Na2SO4	IS 2386 (Part 5)
93	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
94	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Grading (Sieve Size: 75 micron to 10 mm)	IS 2386 (Part 1)
95	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part 3)
96	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Compressive Strength	IS 1727
97	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness by specific surface by Blaine air permeability method	IS 1727:1967
98	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Lime Reactivity	IS 1727:1967
99	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Soundness by Autoclave method	IS 1727
100	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Specific Gravity	IS 1727
101	MECHANICAL- BUILDINGS MATERIALS	GGBS (Ground Granulated Blast-furnace Slag)	Fineness by specific surface by Blaine air permeability method	IS 4031 (Part 2)

SCOPE OF ACCREDITATION

Laboratory Name : ANNOR TEST LABS AND ENGINEERING SERVICES PRIVATE LIMITED, #2-90, VENUS BAZAR, SRINAGAR COLONY, GANNAVARAM, KRISHNA, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5332 **Page No** 6 of 8

Validity 19/08/2022 to 18/08/2024 **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
102	MECHANICAL- BUILDINGS MATERIALS	GGBS (Ground Granulated Blast-furnace Slag)	Moisture Content	IS 16714
103	MECHANICAL- BUILDINGS MATERIALS	GGBS (Ground Granulated Blast-furnace Slag)	Slag Activity Index	IS 4031
104	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compresive Strength	IS 516
105	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland cement (OPC) & Portland Pozzolana Cement (PPC)	Compressive Strength	IS 4031 (Part 6)
106	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland cement (OPC) & Portland Pozzolana Cement (PPC)	Density	IS 4031 (Part 11)
107	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland cement (OPC) & Portland Pozzolana Cement (PPC)	Final Setting Time	IS 4031 (part 5)
108	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland cement (OPC) & Portland Pozzolana Cement (PPC)	Fineness (By Blaine’s Air permeability)	IS 4031 (Part 2)
109	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland cement (OPC) & Portland Pozzolana Cement (PPC)	Initial Setting Time	IS 4031 (Part 5)
110	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland cement (OPC) & Portland Pozzolana Cement (PPC)	Normal Consistency	IS 4031 (Part 4)
111	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland cement (OPC) & Portland Pozzolana Cement (PPC)	Soundness (by Le-chatelier Method)	IS 4031 (Part 3)
112	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Mild Steel	Bend Test	IS 1599
113	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Mild Steel	Percent of Elongation	IS 1608 (Part 1)
114	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Mild Steel	Tensile Strength	IS 1608 (Part 1)
115	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Mild Steel	Yield Stress	IS 1608 (Part 1)
116	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel	Bend Test	IS 1599
117	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel	Mass per Meter	IS 1786

SCOPE OF ACCREDITATION

Laboratory Name : ANNOR TEST LABS AND ENGINEERING SERVICES PRIVATE LIMITED, #2-90, VENUS BAZAR, SRINAGAR COLONY, GANNAVARAM, KRISHNA, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5332 **Page No** 7 of 8

Validity 19/08/2022 to 18/08/2024 **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
118	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Percent Elongation	IS 1608-Part 1
119	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Rebend Test	IS 1786
120	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Tensile Strength	IS 1608-Part1
121	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Yield Stress	IS 1608-Part1
122	MECHANICAL- SOIL AND ROCK	Rock	Point load strength index of rocks	IS 8764
123	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
124	MECHANICAL- SOIL AND ROCK	Soil	Consolidation-Coefficient of consolidation (Cv)	IS 2720 (Part 15)
125	MECHANICAL- SOIL AND ROCK	Soil	Consolidation-Compression index (Cc)	IS 2720 (Pat 15)
126	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Strength (C Value)	IS 2720 (Part 13)
127	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
128	MECHANICAL- SOIL AND ROCK	Soil	Grain size analysis (4.75mm – 75u)	IS 2720 (Part 4)
129	MECHANICAL- SOIL AND ROCK	Soil	Grain size analysis (Hydrometer method)	IS 2720 (Part 4)
130	MECHANICAL- SOIL AND ROCK	Soil	Light compaction Optimum Moisture Content (OMC)	IS 2720 (Part 7&8)
131	MECHANICAL- SOIL AND ROCK	Soil	Light compaction Maximum Dry Density (MDD)	IS 2720 (Part 7&8)
132	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit (by Cone Pentrometer & Casagande)	IS 2720 (Part 5)
133	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2)
134	MECHANICAL- SOIL AND ROCK	Soil	Permeability by Constant Head Method	IS 2720 (Part 17)

SCOPE OF ACCREDITATION

Laboratory Name : ANNOR TEST LABS AND ENGINEERING SERVICES PRIVATE LIMITED, #2-90, VENUS BAZAR, SRINAGAR COLONY, GANNAVARAM, KRISHNA, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5332 **Page No** 8 of 8

Validity 19/08/2022 to 18/08/2024 **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
135	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
136	MECHANICAL- SOIL AND ROCK	Soil	Shear Strength (Pie Value)	IS 2720 (Part 13)
137	MECHANICAL- SOIL AND ROCK	Soil	Shear Strength Parameters of a specimen tested in unconsolidated undrained triaxial compression without the measurement of pore water pressure - (Pie Value)	IS 2720 (Part 11)
138	MECHANICAL- SOIL AND ROCK	Soil	Shear Strength Parameters of a specimen tested in unconsolidated undrained triaxial compression without the measurement of pore water pressure (C Value)	IS 2720 (Part 11)
139	MECHANICAL- SOIL AND ROCK	Soil	Shear Strength Parameters of soil from Consolidated undrained triaxial compression test with measurement of pore water pressure (C Value)	IS 2720 (Part 12)
140	MECHANICAL- SOIL AND ROCK	Soil	Shear Strength Parameters of soil from Consolidated undrained triaxial compression test with measurement of pore water pressure (Pie Value)	IS 2720 (Part 12)
141	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 06)
142	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3 Section 1)
143	MECHANICAL- SOIL AND ROCK	Soil	Unconfined compressive strength (C-value)	IS 2720 (Part 10)