SCOPE OF ACCREDITATION

Laboratory Name : SPAN MATERIAL TESTING & CONSULTANCY SERVICES LIMITED, PLOT NO.35-36, PALANPUR-DEESA HIGHWAY, PALANPUR, BANAS KANTHA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5136 **Page No** 1 of 8

Validity 16/05/2022 to 15/05/2024 **Last Amended on** 24/06/2022

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	Cement	Alumina	IS 4032
2	CHEMICAL- BUILDING MATERIAL	Cement	Calcium Oxide	IS 4032
3	CHEMICAL- BUILDING MATERIAL	Cement	Ferric Oxide	IS 4032
4	CHEMICAL- BUILDING MATERIAL	Cement	Insoluble Residue	IS 4032
5	CHEMICAL- BUILDING MATERIAL	Cement	Loss On Ignition	IS 4032
6	CHEMICAL- BUILDING MATERIAL	Cement	Magnesium Oxide	IS 4032
7	CHEMICAL- BUILDING MATERIAL	Cement	Potassium oxide (K2O)	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Cement	Silica	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement	Sodium oxide (Na2O)	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement	Sulphuric Anhydride	IS 4032
11	CHEMICAL- WATER	Construction Water	Acidity	IS 3025 (Part-22)
12	CHEMICAL- WATER	Construction Water	Alkalinity	IS 3025 (Part-23)
13	CHEMICAL- WATER	Construction Water	Chlorides	IS 3025 (Part-32)
14	CHEMICAL- WATER	Construction Water	Inorganic (Fixed) Residue	IS 3025 (Part-18)
15	CHEMICAL- WATER	Construction Water	Organic (Volatile) Residue	IS 3025 (Part-18)
16	CHEMICAL- WATER	Construction Water	pH	IS 3025 (Part-11)
17	CHEMICAL- WATER	Construction Water	Sulphates	IS 3025 (Part-24)
18	CHEMICAL- WATER	Construction Water	Suspended Matter	IS 3025 (Part-17)
19	CHEMICAL- WATER	Construction Water	Total Dissolved Solids	IS 3025 (Part-16)
20	CHEMICAL- WATER	Construction Water	Total Hardness	IS 3025 (Part-21)
21	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Compressive Strength	IS 6441 (Part-5)
22	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Dimension (Height)	IS 2185 (Part-3)

SCOPE OF ACCREDITATION

Laboratory Name : SPAN MATERIAL TESTING & CONSULTANCY SERVICES LIMITED, PLOT NO.35-36, PALANPUR-DEESA HIGHWAY, PALANPUR, BANAS KANTHA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5136 **Page No** 2 of 8

Validity 16/05/2022 to 15/05/2024 **Last Amended on** 24/06/2022

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
23	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Dimension (Length)	IS 2185 (Part-3)
24	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Dimension (Width)	IS 2185 (Part-3)
25	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Dry Density	IS 6441 (Part -1)
26	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Block	Moisture Content	IS 6441 (Part -1)
27	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206
28	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
29	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematics Viscosity	IS 1206
30	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Loss On Heating	IS 1212
31	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
32	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
33	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
34	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix/Core	Bitumen Content	ASTM D 2172
35	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix/Core	Density of Mix	ASTM D 2726
36	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix/Core	Marshal Flow	ASTM D 6927
37	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix/Core	Marshal Stability	ASTM D 6927
38	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 (Part-1)
39	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Height)	IS 1077
40	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS 1077
41	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Width)	IS 1077

SCOPE OF ACCREDITATION

Laboratory Name :	SPAN MATERIAL TESTING & CONSULTANCY SERVICES LIMITED, PLOT NO.35-36, PALANPUR-DEESA HIGHWAY, PALANPUR, BANAS KANTHA, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5136	**Page No**	3 of 8
Validity	16/05/2022 to 15/05/2024	**Last Amended on**	24/06/2022

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
42	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescene	IS 3495 (Part-3)
43	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part-2)
44	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength (28 Days)	IS 4031 (Part-6)
45	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength (3 Days)	IS 4031 (Part-6)
46	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength (7 Days)	IS 4031 (Part-6)
47	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part-4)
48	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031 (Part-11)
49	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part-5)
50	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by blaine air permeability	IS 4031 (Part-2)
51	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Dry Sieving	IS 4031 (Part-1)
52	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part-5)
53	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-chatelier Methods	IS 4031 (Part-3)
54	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386 (Part-4)
55	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value (By Los Angeles)	IS 2386 (Part-4)
56	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Compacted)	IS 2386 (Part-3)
57	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose)	IS 2386 (Part-3)
58	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part-4)
59	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part-1)
60	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part-1)

SCOPE OF ACCREDITATION

Laboratory Name :	SPAN MATERIAL TESTING & CONSULTANCY SERVICES LIMITED, PLOT NO.35-36, PALANPUR-DEESA HIGHWAY, PALANPUR, BANAS KANTHA, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5136	**Page No**	4 of 8
Validity	16/05/2022 to 15/05/2024	**Last Amended on**	24/06/2022

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
61	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part-4)
62	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (80mm, 63mm, 40mm, 20mm, 16mm, 12.5mm, 10mm, 4.75mm, 2.36mm)	IS 2386 (Part-1)
63	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (MgSO4)	IS 2386 (Part-5)
64	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (NaSO4)	IS 2386 (Part-5)
65	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part-3)
66	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Stripping value	IS 6241
67	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part-3)
68	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Compacted)	IS 2386 (Part-3)
69	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose)	IS 2386 (Part-3)
70	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 microns	IS 2386 (Part-1)
71	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (10mm, 4.75mm, 2.36mm, 1.18mm, 0.600mm, 0.300mm, 0.150mm)	IS 2386 (Part-1)
72	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part-3)
73	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part-3)
74	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Residue on 45 micron	IS 1727
75	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Test	IS 1199 (Part-2)
76	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Weight Per Cubic Meter	IS 1199 (Part-3)
77	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516: (Part-1/Sec-1)

SCOPE OF ACCREDITATION

Laboratory Name :	SPAN MATERIAL TESTING & CONSULTANCY SERVICES LIMITED, PLOT NO.35-36, PALANPUR-DEESA HIGHWAY, PALANPUR, BANAS KANTHA, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5136	**Page No**	5 of 8
Validity	16/05/2022 to 15/05/2024	**Last Amended on**	24/06/2022

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
78	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Flexural Strength	IS 516: (Part-1/Sec-1)
79	MECHANICAL- BUILDINGS MATERIALS	Pavement	Deflection using Benkelmen Beam Deflection (Field Test)	IRC 81
80	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
81	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
82	MECHANICAL- BUILDINGS MATERIALS	Pressed ceramic tiles/ Ceramic Tiles	Dimensions (Length)	IS 13630 (Part–1)
83	MECHANICAL- BUILDINGS MATERIALS	Pressed ceramic tiles/ Ceramic Tiles	Dimensions (Thickness)	IS 13630 (Part–1)
84	MECHANICAL- BUILDINGS MATERIALS	Pressed ceramic tiles/ Ceramic Tiles	Dimensions (Width)	IS 13630 (Part–1)
85	MECHANICAL- BUILDINGS MATERIALS	Pressed ceramic tiles/ Ceramic Tiles	Water absorption	IS 13630 (Part–2)
86	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Bend	IS 1599
87	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Elongation	IS 1608 (Part-1)
88	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Mass per Meter	IS 1786
89	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Re-bend	IS 1786
90	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Ultimate Tensile Strength	IS 1608 (Part-1)
91	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Yield Stress	IS 1608 (Part 1)
92	MECHANICAL- SOIL AND ROCK	Natural building stone	True specific gravity	IS 1122
93	MECHANICAL- SOIL AND ROCK	Natural building stone	Apparent specific gravity	IS 1124
94	MECHANICAL- SOIL AND ROCK	Natural building stone	Compressive strength	IS 1121 (Part–1)
95	MECHANICAL- SOIL AND ROCK	Natural building stone	Water absorption	IS 1124
96	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compression Strength	IS 9143

SCOPE OF ACCREDITATION

Laboratory Name : SPAN MATERIAL TESTING & CONSULTANCY SERVICES LIMITED, PLOT NO.35-36, PALANPUR-DEESA HIGHWAY, PALANPUR, BANAS KANTHA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5136 **Page No** 6 of 8

Validity 16/05/2022 to 15/05/2024 **Last Amended on** 24/06/2022

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
97	MECHANICAL- SOIL AND ROCK	Rock	Water content	IS 13030
98	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part-16)
99	MECHANICAL- SOIL AND ROCK	Soil	Consolidation (coefficient of compressibility)	IS 2720 (Part-15)
100	MECHANICAL- SOIL AND ROCK	Soil	Consolidation (coefficient of consolidation)	IS 2720 (Part-15)
101	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Cohesion)	IS 2720 (Part-13)
102	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Degree of Friction)	IS 2720 (Part-13)
103	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part-40)
104	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part-5)
105	MECHANICAL- SOIL AND ROCK	Soil	MDD (By Heavy Compaction)	IS 2720 (Part-8)
106	MECHANICAL- SOIL AND ROCK	Soil	MDD (By Light Compaction)	IS 2720 (Part-7)
107	MECHANICAL- SOIL AND ROCK	Soil	OMC (By Heavy Compaction)	IS 2720 (Part-8)
108	MECHANICAL- SOIL AND ROCK	Soil	OMC (By Light Compaction)	IS 2720 (Part-7)
109	MECHANICAL- SOIL AND ROCK	Soil	Permeability (By Falling head method)	IS 2720 (Part–17)
110	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part-5)
111	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part-6)
112	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis	IS 2720 (Part-4)
113	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part-3, Sec-1)
114	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS 2720 (Part-41)
115	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compression Strength	IS 2720 (Part–10)

SCOPE OF ACCREDITATION

Laboratory Name :	SPAN MATERIAL TESTING & CONSULTANCY SERVICES LIMITED, PLOT NO.35-36, PALANPUR-DEESA HIGHWAY, PALANPUR, BANAS KANTHA, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5136	**Page No**	7 of 8
Validity	16/05/2022 to 15/05/2024	**Last Amended on**	24/06/2022

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
116	MECHANICAL- SOIL AND ROCK	Soil	Water Content/Moisture Content	IS 2720 (Part-2)
117	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete structure	Half Cell Potential Test	IS 516 (Part 5 / Sec 2)
118	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete structure	Ultrasonic Pulse Velocity test	IS 516 (Part 5 / Sec 1)

SCOPE OF ACCREDITATION

Laboratory Name :	SPAN MATERIAL TESTING & CONSULTANCY SERVICES LIMITED, PLOT NO.35-36, PALANPUR-DEESA HIGHWAY, PALANPUR, BANAS KANTHA, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5136	**Page No**	8 of 8
Validity	16/05/2022 to 15/05/2024	**Last Amended on**	24/06/2022

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
Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil Field Test	Dry Density of Soil by Core Cutter Method	IS 2720 (Part-29)
2	MECHANICAL- SOIL AND ROCK	Soil Field Test	Dry Density of Soil by Sand Replacement Method	IS 2720 Part 28 (Sec.1&2)
3	MECHANICAL- SOIL AND ROCK	Soil Field Test	Field Moisture Content	IS 2720 (Part-2)
4	MECHANICAL- SOIL AND ROCK	Soil Field Test	Penetration test	IS 2131
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Pile Integrity Test	IS 14893
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete structure	Rebound hammer test (10 R.N. to 100 R.N.)	IS 516 (Part 5 / Sec 4)