SCOPE OF ACCREDITATION

Laboratory Name : STERLITE TECHNOLOGIES LTD. - OFC QUALITY ASSURANCE LABORATORY, SURVEY NO. 68/1, RAKHOLI VILLAGE, MADHUBAN DAM ROAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA

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Permanent Facility				
1	CHEMICAL- PLASTIC & RESINS	Filling & Flooding Jelly	Cone Penetration at 25°C	ASTM D217
2	CHEMICAL- PLASTIC & RESINS	Filling & Flooding Jelly	Cone Penetration at -30 °C	ASTM D217
3	CHEMICAL- PLASTIC & RESINS	Filling & Flooding Jelly	Density	ASTM D1217
4	CHEMICAL- PLASTIC & RESINS	Filling & Flooding Jelly	Drop point	ASTM 566
5	CHEMICAL- PLASTIC & RESINS	Filling & Flooding Jelly	Flash point	ASTM D92
6	CHEMICAL- PLASTIC & RESINS	Filling & Flooding Jelly	Oil separation	FTM 791-321
7	CHEMICAL- PLASTIC & RESINS	Filling & Flooding Jelly	Volatility loss	FTM 791-321
8	CHEMICAL- PLASTIC & RESINS	Filling Jelly	Filling Jelly Compatibility with Fiber coating, UV Ink & Tube Material	ASTM D4568
9	CHEMICAL- PLASTIC & RESINS	Filling Jelly	Oxidation Induction Time	ASTM D4565
10	CHEMICAL- PLASTIC & RESINS	Flooding Jelly	Flooding Jelly Compatibility with Tube Material & HDPE	ASTM D4568
11	ELECTRONICS-MISCELLANEOUS PRODUCTS	Loose Tube	Elongation Test	BSNL GR
12	ELECTRONICS-MISCELLANEOUS PRODUCTS	Loose Tube	Embrittlement Test	BSNL GR
13	ELECTRONICS-MISCELLANEOUS PRODUCTS	Loose Tube	Tensile Test	BSNL GR
14	ELECTRONICS-MISCELLANEOUS PRODUCTS	Micro Modules, Optical Fiber Cable	Damp heat behaviour	ST/CNET/5843
15	ELECTRONICS-MISCELLANEOUS PRODUCTS	Micro Modules, Optical Fiber Cable	Dry heat behaviour	ST/CNET/5843
16	ELECTRONICS-MISCELLANEOUS PRODUCTS	Micro Modules, Optical Fiber Cable	Solvent resistance	ST/CNET/5843

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17	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber	Cabled SMF Cut-off Wavelength	IEC 60793-1-44, ITU-T G.65x, G.650.1 and IEC 60793-2-50: 2018, FOTP 170
18	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber	CD coefficient @1270 - 1340 nm band	ITU-T G.65x, G.650.1 and IEC 60793-2-50: 2018, 60793-1-42
19	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber	CD coefficient @1285 - 1330 nm band	ITU-T G.65x, G.650.1 and IEC 60793-2-50: 2018, 60793-1-42
20	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Cut off Wavelength	IEC 60793-1-44
21	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber	Fiber Coating measurement	IEC 60793-1-21: 2001,IEC 60793-2-50
22	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber	Fiber Curl measurement	IEC 60793-2-50; 2018, IEC 60793-1-34
23	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber	Fiber Fusibility /Fiber Spilce Loss)	GR20
24	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber	Fiber Macro Bending	IEC 60793-2-50: 2018, ITU-T G.657. A & G.657.B, G.650.1, G.65x,G.652.D, IEC 60793-1-47
25	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber	Mid-span temperature cycling test for exposed buffer tubes(pedestal) - Change in Transmittance	GR 20 section 6.5.11: 2013, FOTP 244, IEC 60794-1-22 F18
26	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber	Mode Field diameter of SM fibers at 1310nm & 1550 nm	IEC60793-1-45 Method B
27	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Slope at Zero dispersion	IEC 60793-1-42 Method B
28	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber	Spectral Attenuation	IEC 60793-1-40
29	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber	Straight midspan access to optical elements - Change in Transmittance	IEC 60794-1-21 Method E29, 2015 AMD 1@2019, GR 20 issue 4 July

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30	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber	Water immersion test	BSNL GR
31	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Zero Dispersion Wavelength	IEC 60793-1-42 Method B
32	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber (Coloured)	MEK Rub Test	BSNL GR, Draft IEC 60794-1-219
33	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER (core/clad diameters of Multimode & SingleMode fibers)	Clad Diameter	IEC 60793-1-20 Method B
34	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER (core/clad diameters of Multimode & SingleMode fibers)	Clad Non-circularity	IEC 60793-1-20 Method B
35	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Cable Construction	Sterlite WI (STL-LAB/WI/QA/3.15), Issue No:01
36	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Compound flow (drip)	IEC 60794-1-22Edition 2.0 2017-10, GR 20 issue 4 July 2013, XP C 93-850-3-25 Nov
37	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Abrasion test - Change in Transmittance	IEEE 1222-2003,IEEE 1138: 2009, IEC 60794-1-21:2014, GR 20 issue 4 July 2013, XP C 93-850-3-25 Nov
38	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Bend test / Static bend test - Change in Transmittance	IEC 60794-3-10:2015, IEC 60794-1-21:2015, IEC 60794-5-10:2014, IEEE 1222-2003,IEEE 1138:
39	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Bending stiffness	IEC 60794-1-21, GR 20 issue 4 July 2013, XP C 93-850-3-25 Nov
40	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Cable Ageing test - Change in Transmittance	IEEE 1222-2003,IEEE 1138: 2009, IEC 60794-1-22Edition 2.0 2017-10 , GR 20 issue 4 July 2013, XP C 93-850-3-25 Nov
41	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Cable external freezing - Change in Transmittance	IEC 60794-1-22Edition 2.0 2017-10 , GR 20 issue 4 July

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42	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Cable Kink test - Change in Transmittance	IEC 60794-1-21, IEC 60794-3-10, IEC 60794-3-11, IEEE 1222,IEEE 1138
43	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Cable length (% change in length) and length marking (Readable after abrasion)	GR 20 issue 4 July
44	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Cable Material Compatibility Test	Telecordia GR 20: 2013, IEC 60794-3-1: 2013. FOTP 178, ICEA 640
45	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Cable shrinkage test (fibre protrusion)	IEC 60794-1-22Edition 2.0
46	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Cable Termination - Change in Transmittance	Telecordia GR20
47	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical fiber cable	Cables under fire conditions Circuit integrity	IEC 60331-1 2009 -05, IEC 60331-11 1999-04, IEC60331-12
48	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Cables under fire conditions single vertical	IEC 332-1:1993, IEC/EN 60332-1-2
49	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Color permanence and marking durability	GR 20 section 6.6.6
50	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Creep Behaviour - Cable Strain/Eongation	IEC 60794-1-21:2015/AMD1 2019, IEEE 1222-2003,IEEE 1138:
51	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Creep behaviour - Change in Transmittance	IEC 60794-1-21:2015 IEEE 1222-2003,IEEE 1138
52	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Cut-through resistance (Shear strength) - Change in Transmittance	XP C 93-850-3-25 Nov
53	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Dimension Measurement of Cable & Cable Elements	Sterlite WI (STL-LAB/WI/QA/3.22), Issue No:01
54	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Easy Removal of Sheath	BSNL GR

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55	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Flexural rigidity test (Three-point bend)- Change in Transmittance	IEC FDIS 60794-1-21 © IEC 2014,TEC-GR-TX-OFC-022-02-MAR-17 Clause no. 4.16, ASTM D 790
56	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	High Voltage test	BT Standard CW1500-11 Issue 4
57	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	High Voltage test	BT Standard CW1500-11 Issue 4
58	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Jacket Shrink back	ICEA 640
59	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Jacket Yield Strength	ICEA 640: 2016 & GR20
60	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Low and High Temperature Cable Bend - Change in Transmittance	Telcordia GR 20
61	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Multiple cable coiling and uncoiling performance - Change in Transmittance	IEC 60794-1-21 Method E 33, 2015 AMD1@2019, GR 20 issue 4
62	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Nos & Colour identification of Fiber per unit/tube/cable	TIA - 598
63	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Rated pulling tension - Change in Transmittance	GR 20 issue 4 July
64	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Ripcord functional test	IEEE 1222-2003, IEC 60794-1-21:2014, GR 20 issue 4 July
65	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Sheave Test - Change in Transmittance	IEEE 1222-2003,IEEE 1138: 2009, IEC 60794-1-21: 2015, GR 20 issue 4 July 2013, XP C 93-850-3-25 Nov
66	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Snatch Test - Change in Transmittance	IEC 60794-1-2-E9 : 2021, GR/OFC-03/03 JUN
67	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Tensile Test - Fiber Strain	IEEE 1222-2003,IEEE 1138: 2009,IEC 60794-1-21:2014, GR 20 issue 4 July 2013, XP C 93-850-3-25 Nov

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68	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Test of Figure of 8 on the cable	TEC-GR-TX-OFC-022-02-MAR Clause no. 4.15
69	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Thaw / Cable Internal Freezing test - Change in Transmittance	IEC 60794-1-22 Edition 2.0 2017-10, GR 20 issue 4 July
70	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Ultimate Elongation	ICEA 640 & GR20
71	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Water penetration test	IEC 60794-1-22 Edition 2.0 2017-10 , GR 20 issue 4 July 2013, XP C 93-850-3-25 Nov
72	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable	Weight Analysis of Cable & Cable elements	Sterlite WI (STL-LAB/WI/QA/3.58), Issue No:01
73	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable (Armoured)	Polyethylene Peeling /Jacket Bonding Test	TRFO-13, ASTM D4565
74	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable armoured, Steel Tape	Corrugation Pitch & Height Measurement	RDSO/SPN/TC/110/2020
75	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable, Micro Modules	Compatibility with cable water blocking products	ST/CNET/5843
76	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable, Buffer Tube, Loose Tube	Tube Kink Resistance	GR 20 issue 4 July 2013 & IEC 60794-1-23 Edition 1.0
77	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable, Optical Fiber	Point Discontinuities - Change in Transmittance	Telecordia GR 20
78	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable, Optical Fiber Ribbon	Ribbon Compression Resistance - Change in Transmittance	IEC 60794-1-31: 2018, IEC 60794-3
79	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable, Optical Fiber Ribbon	Ribbon Macro-bend	BSNL GR: 2017,IEC 60794-1-31: 2014, IEC 60794-3
80	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Cable, Tight Buffer Tube	Stripability of Tight buffer	IEC 60794-3, IEC 60793-1-32, IEC 60793-1-32, FOTP 178, ICEA 640
81	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER CABLES	Aeolin Vibration Test - Change in Transmittance	IEC 60794-1-2, Method E19 (2015)IEEE 1222-2003,IEEE 1138:

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82	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER CABLES	Attenuation @ 1310, 1383, 1490, 1550 & 1625 nm	ITU-T G.65x, G.650.1 and IEC 60793-2-50: 2014, IEC 60794-5-10,IEEE 1222-2003,IEEE 1138: 2009GR 20 issue 4 July 2013,IEC 60793-1-40 Method C
83	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER CABLES	Crush Test - Change in Transmittance	IEEE 1222-2003, IEC 60794-1-21:2014, GR 20 issue 4 July 2013, XP C 93-850-3-25 Nov
84	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER CABLES	Galloping Test - Change in Transmittance	IEC 60794-1-2, Method E26 (2015)IEEE 1222-2003,IEEE 1138:
85	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER CABLES	Impact Test - Change in Transmittance	IEEE 1222-2003,IEEE 1138: 2009, IEC 60794-1-21:2014, GR 20 issue 4 July 2013, XP C 93-850-3-25 Nov:
86	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER CABLES	Optical Length	GR 20 issue 4 July 2013,IEEE 1222-2003,IEEE 1138: 2009, IEC 60793-1-40 Method C
87	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER CABLES	Repeated Bend Test - Change in Transmittance	IEEE 1222-2003,IEEE 1138: 2009, IEC 60794-1-21:2014, GR 20 issue 4 July 2013, XP C 93-850-3-25 Nov :
88	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER CABLES	Temperature Cycle Test - Change in Transmittance	IEEE 1222-2003, GR 20 issue 4 July 2013, XP C 93-850-3-25 Nov 2019.IEC 60794-1-22, Method F1
89	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER CABLES	Tensile Test - Change in Transmittance	IEEE 1222-2003,IEEE 1138: 2009,IEC 60794-1-21:2014, GR 20 issue 4 July 2013, XP C 93-850-3-25 Nov:
90	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER CABLES	Torsion Test - Change in Transmittance	IEEE 1222-2003,IEEE 1138: 2009, IEC 60794-1-21:2014, GR 20 issue 4 July 2013, XP C 93-850-3-25 Nov: 2019
91	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Ribbon	Ribbon Twist Robustness	Telecordia GR 20
92	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Ribbon	Ribbon Dimensions	GR 20: 2013, ICEA 640: 2016, FOTP-123,IEC 60794-1-23: 2019, IEC 60794-3

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93	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Ribbon	Ribbon Separation	GR 20: 2013, ICEA 640: 2016,IEC 60794-1-23: 2019, IEC 60794-3
94	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Ribbon	Ribbon Stripability	GR 20: 2013, ICEA 640: 2016, FOTP 178, IEC 60794-1-21: 2015, IEC 60794-3
95	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Ribbon, Optical Fiber Cable	Ribbon Residual Twist	Telecordia GR 20
96	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Ribbon, Optical Fiber Cable	Ribbon Splice loss	Telecordia GR 20
97	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber Ribbon, Optical Fiber Cable	Ribbon Torsion Resistance	BSNL GR: 2013,IEC 60794-1-31: 2018, IEC 60794-3
98	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber, Optical Fiber Cable	CD coefficient @ 1550 & 1625	ITU-T G.65x, G.650.1 and IEC 60793-2-50: 2018, 60793-1-42
99	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber, Optical Fiber Cable	Coating Cladding Concentricity	IEC 60793-2-50: 2018, 60793-1-21,
100	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber, Optical Fiber Cable	Coating Non-circularity	IEC 60793-2-50: 2018, 60793-1-21,
101	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber, Optical Fiber Cable	Core-clad Concentricity Error	IEC 60793-2-50: 2018, 60793-1-20
102	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber, Optical Fiber Cable	Fiber Stripability (Peak Stripability Force)	FOTP -178, GR 20: 2013,IEC 60793-2-50: 2018, IEC 60793-1-32
103	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fiber, Optical Fiber Cable	PMD @1310 & 1550 nm	IEC 60793-1-48: 2017, ITU-T G.65x, G.650.1 and IEC 60793-2-50
104	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical Fibre Cable	Electrical Continuity	IEC 60794-1-24: 2014 , IEC 60794-3-11
105	ELECTRONICS-MISCELLANEOUS PRODUCTS	Optical fibre Cable, Micro Modules	Stripability of Module for Extraction of optical fibres	ST/CNET/5843
106	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Messenger Wire, Twisted metal wire	Lay length	IS 398 Part IV

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107	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Wire, Metal Wire, Messenger Wire	Elongation Test	ASTM A 370
108	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Wire, Metal Wire, Messenger Wire	Tensile Strength	ASTM A 370
109	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Zinc coated Steel Wire	Mass of Zinc -Coating	ASTM A90 / A90M
110	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fibre Reinforced Plastic (FRP) Rod	Thermal Resistance Test	TEC/GR/TX/ORM-001/05/DEC-17
111	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fibre Reinforced Plastics (FRP) Rod	Diameter	Sterlite WI (STL-LAB/WI/QA/3.37), Issue No:01
112	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fibre Reinforced Plastics (FRP) Rod	Elongation	ASTM D3916
113	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fibre Reinforced Plastics (FRP) Rod	Heat Stress Test	TEC/GR/TX/ORM-001/05/DEC-17
114	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fibre Reinforced Plastics (FRP) Rod	Minimum Bend Diameter	TEC/GR/TX/ORM-001/05/DEC-17
115	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fibre Reinforced Plastics (FRP) Rod	Tensile Strength	ASTM D3916
116	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Loose Tube & Optical fiber Cable	Drainage Test	IEC 60794-1-21, IEC 60794-3, IEC 60794-3
117	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Master Batch	Color loss at 100°c in water	Sterlite WI (STL-LAB/WI/QA/3.03), Issue No:01
118	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Optical Fiber Cable	Aggressive Media	ICEA 640: 2016, ISO 175
119	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Density Test	ASTM D792
120	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Elongation	ASTM D638
121	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Hardness	ASTM D 2240
122	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Melt Flow Rate	ASTM D1238
123	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Melting Point	ASTM D3418
124	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Moisture Test	ASTM D817

SCOPE OF ACCREDITATION

Laboratory Name : STERLITE TECHNOLOGIES LTD. - OFC QUALITY ASSURANCE LABORATORY, SURVEY NO. 68/1, RAKHOLI VILLAGE, MADHUBAN DAM ROAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 08/11/2021 to 07/11/2023 **Last Amended on** 30/11/2021

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
125	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Tensile Strength	ASTM D638
126	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & Cables	UV Resistance Test	IEC 60794-1-22 Method F14, ISO 4892-2:2013,ASTM G-154
127	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, FRP	Water Absorption	ASTM D 570
128	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, Optical fiber Cable	Tracking & Erosion Test	IEC60794-4-20, ASTM D 2303
129	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyester Binder Yarn, Plastic Yarn	Shrinkage	Sterlite WI (STL-LAB/WI/QA/3.47), Issue No:01
130	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyester Ripcord	Grams per denier (GPD)	ASTM D2256
131	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyester Ripcord	Non Wicking Treatment	Sterlite WI (STL-LAB/WI/QA/3.39), Issue No:01
132	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyester Ripcord, Polyester Binder Yarns, Plastic Yarns	Elongation	ASTM D 2256
133	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyfilms, Water Blocking & Plastic Tapes	Elongation	ASTM D882
134	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyfilms, Water Blocking & Plastic Tapes	Tensile & Belt Strength	ASTM D882
135	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefines (PE & PP)	Carbon black content	ASTM D1603
136	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefines (PE & PP)	Environmental Stress Cracking Resistance	ASTM D1693
137	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefins (PE & PP)	Carbon black dispersion	IS-7328
138	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefins (PE & PP)	Oxidation Induction Time	ASTM D3895
139	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Ripcord, Polyester Binder, Yarns	Breaking Load	ASTM D2256/ D2256M
140	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Water Blocking Tape	Swelling Height	TEC/GR/TX/ORM-001/05/DEC-17
141	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Water Blocking Tape	Swelling Speed	TEC/GR/TX/ORM-001/05/DEC-17
142	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Water Blocking Tape, Polyfilm Tape	Thickness of Tapes	Sterlite WI (STL-LAB/WI/QA/3.37), Issue No:01
143	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Water Swellable Yarn	Absorption/Swelling Capacity	TEC/GR/TX/ORM-001/05/DEC-17

SCOPE OF ACCREDITATION

Laboratory Name :	STERLITE TECHNOLOGIES LTD. - OFC QUALITY ASSURANCE LABORATORY, SURVEY NO. 68/1, RAKHOLI VILLAGE, MADHUBAN DAM ROAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
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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
144	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Water Swellable Yarn	Absorption/Swelling Speed	TEC/GR/TX/ORM-001/05/DEC-17