National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : STL OF QUALITY TESTING LABORATORY, E1 E2 E3, MIDC-WALUJ, AURANGABAD, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10134 **Page No** 1 of 3

Validity 13/12/2021 to 12/12/2023 **Last Amended on** 21/03/2023

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	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Coating/Cladding Concentricity	IEC-60793-1-21 Automated dark field side view method
2	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Accelerated aging at 85°C	IEC-60793-1-51
3	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Attenuation 1260nm -1625nm	IEC-60793-1-40 for attenuation
4	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Cable cutoff wavelength	IEC-60793-1-44
5	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Cladding diameter	IEC-60793-1-20 Transmitted near field imaging
6	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Fiber cutoff wavelength	IEC-60793-1-44
7	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Fibre Curl	IEC-60793-1-34
8	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Fibre Macro bend	FOTP 62/IEC-60793-1-47 Method A (Reference test method – fiber winding around mandrel)
9	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	High Temperature and High Humidity Test	IEC-60793-2-50
10	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Link design value for un-cabled fibre	IEC-60793-1-48
11	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Mode Field diameter	IEC60793-1-45 Method B, Variable aperture in far field
12	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Operating Temperature	IEC-60793-1-52
13	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Polarization Mode Dispersion	IEC-60793-1-48

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Certificate Number TC-10134 **Page No** 2 of 3

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14	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Retention of coating color	IEC-60793-1-51
15	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Sudden irregularity in attenuation	IEC-60793-1-40
16	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Temp. Humidity cycling	EIA/TIA-455-73
17	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Water immersion at 23°C	IEC-60793-1-53
18	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Zero dispersion slope	IEC-60793-1-42
19	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBER	Zero wavelength dispersion range	IEC-60793-1-42
20	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBRE	Cladding Non-circularity	IEC-60793-1-20 Transmitted near field imaging
21	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBRE	Coating diameter	IEC-60793-1-21 Automated dark field side view method
22	ELECTRONICS-MISCELLANEOUS PRODUCTS	OPTICAL FIBRE	Core-Clad concentricity Error	IEC-60793-1-20 Transmitted near field imaging
23	ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION)	OPTICAL FIBER	Chromatic Dispersion 1260 nm - 1625 nm	IEC 60793-1-42
24	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	OPTICAL FIBER	Cable Material Compatibility Test for Fiber	IEC 60794-1-219
25	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	OPTICAL FIBER	Dynamic Fatigue	IEC-60793-1-33
26	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	OPTICAL FIBER	Dynamic Tensile Strength	IEC-60793-1-31

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27	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	OPTICAL FIBER	MEK Rub Test	IEC 60794-1-219
28	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	OPTICAL FIBER	Stripability force to remove primary coating	IEC-60793-1-32