National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TEXTILE TESTING LABORATORY, CSTRI, TTL, CSTRI, BTM LAY OUT, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10847 **Page No** 1 of 3

Validity 20/07/2022 to 19/07/2024 **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- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn and Fabric	Blend analysis	AATCC-20A
2	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn and Fabric	Colour Fastnes to Wash	IS/ISO 105 : PART C10 (1-5)
3	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn and Fabric	Colour Fastness to Dry cleaning	IS/ISO 105 : PART D01
4	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn and Fabric	Colour Fastness to Light (Xenon)	IS/ISO 105 B02
5	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn and Fabric	Colour Fastness to Perspiration	IS/ISO 105 : PART E04
6	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn and Fabric	Colour Fastness to Rubbing	IS/ISO 105 : PART X12
7	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn and Fabric	Dimensional stability of silk woven fabics	IS 3561
8	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn and Fabric	Dimensional Stability of Woven fabrics except protein	IS 2977
9	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn and Fabric	Fibre Identification	AATCC-20-2013, IS 667 SUPPLEMENT
10	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn and Fabric	pH of Aqueous Extracts	AATCC-81-2012, IS 1390
11	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn and Fabric	Scouring loss of silk (degumming)	IS 1582
12	MECHANICAL- TEXTILE MATERIALS	Dupion silk	Linear Density	IS 15825:(Part-5)
13	MECHANICAL- TEXTILE MATERIALS	Dupion silk	Special defect	IS 15825:(part 3)
14	MECHANICAL- TEXTILE MATERIALS	Dupion silk	Winding breaks	IS 15825:(part 4)
15	MECHANICAL- TEXTILE MATERIALS	Fabric	Abrasion Resistance	IS 12673 part 1 to 4: 2014, ISO 12947-3:1998
16	MECHANICAL- TEXTILE MATERIALS	Fabric	Count of yarn removed from fabric	IS 3442
17	MECHANICAL- TEXTILE MATERIALS	Fabric	Cover Factor	TTL (PT) - TM 06
18	MECHANICAL- TEXTILE MATERIALS	Fabric	Crease recovery	IS 4681

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19	MECHANICAL- TEXTILE MATERIALS	Fabric	Elongation	IS 1969 part 1:2009, ISO 13934-1
20	MECHANICAL- TEXTILE MATERIALS	Fabric	Length	IS 1954
21	MECHANICAL- TEXTILE MATERIALS	Fabric	Mass	IS 1964
22	MECHANICAL- TEXTILE MATERIALS	Fabric	Percentage by Weight of Wrap and Weft Yarns	IS 17208
23	MECHANICAL- TEXTILE MATERIALS	Fabric	Stiffness	ASTM D 1388, IS 6490
24	MECHANICAL- TEXTILE MATERIALS	Fabric	Tearing strength, Elemendorf	IS 6489(Part 1)
25	MECHANICAL- TEXTILE MATERIALS	Fabric	Tensile strength	IS 1969 part 1:2009, ISO 13934-1
26	MECHANICAL- TEXTILE MATERIALS	Fabric	Thread density	IS 1963
27	MECHANICAL- TEXTILE MATERIALS	Fabric	Twist	IS 832 part 1: 2021, IS 832 part 2: 2011,ISO 2061:2015, ISO 17202
28	MECHANICAL- TEXTILE MATERIALS	Fabric	Weave Analysis	TTL (PT)-TM -05
29	MECHANICAL- TEXTILE MATERIALS	Fabric	Width	IS 1954
30	MECHANICAL- TEXTILE MATERIALS	Fibre	Fibre length	ASTM D 5103 07
31	MECHANICAL- TEXTILE MATERIALS	Fibre	Moisture	IS 199: 2020, IS 15090 (Part-3)
32	MECHANICAL- TEXTILE MATERIALS	Raw silk	Cohesion	ISA Chapter II-Article 11, TTL (PT)-TM-01.8 IS15090(part 11)
33	MECHANICAL- TEXTILE MATERIALS	Raw silk	Linear Density	ISA Chapter II - Article 4, 5 & 6, TTL (PT)-TM-01.3 IS 15090(part 5&6)
34	MECHANICAL- TEXTILE MATERIALS	Raw silk	Moisture and Conditioned mass	IS 15090(part 3)
35	MECHANICAL- TEXTILE MATERIALS	Raw silk	Serigraph	ISA Chapter II-Article 10, TTL (PT)-TM-01.7, IS15090(part 10)
36	MECHANICAL- TEXTILE MATERIALS	Raw silk	Seriplane	ISA Chapter II-Article 7,8 &9 ,TTL (PT)-TM-01.4, 01.5 & 01.6, IS15090(part 7,8 &9)

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37	MECHANICAL- TEXTILE MATERIALS	Raw Silk	Winding breaks	ISA Chapter II-Article 3, TTL (PT)-TM-01.2 IS15090(part4)
38	MECHANICAL- TEXTILE MATERIALS	Twisted / Thrown Silk	CV Tenacity %	ISA Thrown Silk
39	MECHANICAL- TEXTILE MATERIALS	Twisted / Thrown Silk	Elaongation % & CV %	ISA Thrown Silk
40	MECHANICAL- TEXTILE MATERIALS	Twisted / thrown Silk	Linear Density	ISA Thrown Silk
41	MECHANICAL- TEXTILE MATERIALS	Twisted / Thrown Silk	Twist	ISA Thrown Silk
42	MECHANICAL- TEXTILE MATERIALS	Yarn	Identification of type of yarn	TTL (pt0 TM 04
43	MECHANICAL- TEXTILE MATERIALS	Yarn	Linear density	IS 1315 : 1977:2018,IS 7703 (Part-1):
44	MECHANICAL- TEXTILE MATERIALS	Yarn	Moisture content	IS 7703
45	MECHANICAL- TEXTILE MATERIALS	Yarn	Tensile strength test skein form	IS1671
46	MECHANICAL- TEXTILE MATERIALS	Yarn	Twist	IS 832 part 2 2011 and part 1
47	MECHANICAL- TEXTILE MATERIALS	yarns	Single thread strength	IS 1670