National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : REGIONAL LABORATORY OF TEXTILES COMMITTEE , BENGALURU, FKCCI-WTC BUILDING , 1ST FLOOR, K.G ROAD, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 17/03/2022 to 16/03/2024 **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)	Fabric, Garment & Made-ups	% Composition by physical seperation method	AATCC 20 A
2	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabric, Garments & Made-ups	% Composition by physical seperation method	TC/LAB/TM-15
3	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Colour fastness to Artificial light	AATCC 16:3 (option 2)
4	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Colour fastness to Artificial light	IS 2454
5	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Colour fastness to Dry Cleaning	IS4802:
6	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Colour fastness to dry cleaning	ISO105D01
7	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Colour fastness to Home Laundering	AATCC 61-1A
8	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Colour fastness to Home laundering	ISO105C06
9	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Colour fastness to light	ISO 105 B02:
10	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Colour fastness to perspiration	IS/ISO:105:E04
11	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Colour fastness to perspiration	ISO105 E04
12	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Colour fastness to Rubbing/Crocking	AATCC8
13	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Colour fastness to Rubbing/Crocking	IS/ISO 105 X-12
14	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Colour fastness to Rubbing/Crocking	ISO 105 X-12
15	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Colour fastness to washing	IS/ISO 105 C-10
16	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Colour fastness to washing	ISO 105 C 10 (A1-E5)
17	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Colour fastness to water	AATCC 107
18	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Colour fastness to water	IS/ISO:105:E01

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19	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Colour fastness to water	ISO 105 E01
20	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Identification of Fibre	IS 667
21	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Moisture content	IS 199
22	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	pH of Aqueous extract	AATCC 81
23	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	pH of Aqueous extract	IS1390
24	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	pH of Aqueous extract	ISO 3071
25	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Quantitative analysis of Fibre Mixtures	AATCC 20 A
26	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Quantitative analysis of mistures (wool + others)	IS 2006
27	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Quantitative analysis of Mixtures	IS 6503
28	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Quantitative analysis of Mixtures (Cotton +Viscose)	IS1889 (part4)
29	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Quantitative analysis of mixtures (silk+ wool)	IS 9889
30	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Quantitative analysis of mixtures (Wool + others)	IS 2005
31	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Quantitative analysis of mixtures(Acrylic+others)	IS 3421
32	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn, Fabric, Garment & Made-ups	Quantitative analysis of Mixtures(Polyester+Cotton/Viscose)	IS 3416
33	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre,Yarn,Fabric,Garment & Made-ups	Identification of Fibre	AATCC 20
34	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarn, Fabric, Garment & Made-ups	Dimensional change % on soaking in water (other than wool woven and knitted)	IS2977
35	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarn, Fabric, Garment & Made-ups	Dimensional change % to laundering	IS 15370/6330
36	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarn, Fabric, Garment & Made-ups	Dimensional changes % to laundering	AATCC 135

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37	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarn, Fabric, Garment & Made-ups	Dimensional changes % to laundering	ISO 5077/ ISO 6330
38	MECHANICAL- TEXTILE MATERIALS	Fabric , Garment & Made-ups	Breaking Load - Grab Method	ASTM5034-09
39	MECHANICAL- TEXTILE MATERIALS	Fabric , Garment & Made-ups	Breaking Load - Strip Method	IS1969 (Part1) / ISO13934-1
40	MECHANICAL- TEXTILE MATERIALS	Fabric , Garment & Made-ups	Breaking Load - Grab Method	IS:1969 (Part2) /ISO13934-2
41	MECHANICAL- TEXTILE MATERIALS	Fabric , Garment & Made-ups	Breaking Load - Strip Method	ASTMD-5035
42	MECHANICAL- TEXTILE MATERIALS	Fabric ,Garment & Made-ups	Breaking Load - Strip Method	ISO13934-1
43	MECHANICAL- TEXTILE MATERIALS	Fabric, Garment & Made-up	Resistance of materials used in protective clothing to penetration by Synthetic Blood	ASTM F1670/F1670M
44	MECHANICAL- TEXTILE MATERIALS	Fabric, Garment & Made-ups	Breaking Load - Grab Method	ISO13934-2
45	MECHANICAL- TEXTILE MATERIALS	Fabric,Garment & Made-up	Mass per unit area of fabric (weighing method)	IS1964
46	MECHANICAL- TEXTILE MATERIALS	Fabric,Garment & Made-up	Mass per unit Area of fabric (weighing method)	ASTMD3776/D3776M-09 (option C)
47	MECHANICAL- TEXTILE MATERIALS	Fabric,Garment & Made-up	Mass per unit area of fabric(weighing method)	ISO3801 method A
48	MECHANICAL- TEXTILE MATERIALS	Fabric,Garment & Made-up	Mass per unit area of fabric(weighing method)	TC/LAB/TM-03
49	MECHANICAL- TEXTILE MATERIALS	Fabric,Garment & Made-up	Pilling resistance (Random Tumble pilling)	ASTM D3512/D3512-16
50	MECHANICAL- TEXTILE MATERIALS	Fabric,Garment & Made-up	Resistance to Seam Slippage (Failure in sewn seam)	ASTMD1683/D1683M
51	MECHANICAL- TEXTILE MATERIALS	Fabric,Garment & Made-up	Resistance to Seam Slippage (Failure in sewn seam)	ISO13936:1
52	MECHANICAL- TEXTILE MATERIALS	Fabric,Garment & Made-up	Tear strength (Elemendorf)	ASTMD1424/D1424M-09
53	MECHANICAL- TEXTILE MATERIALS	Fabric,Garment & Made-up	Tear strength (Elemendorf)	IS6489 Part-1
54	MECHANICAL- TEXTILE MATERIALS	Fabric,Garment & Made-up	Tear Strength (Elmendorf)	ISO 13937-1-2000/Cor-1:2004

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55	MECHANICAL- TEXTILE MATERIALS	Fabric,Garment & Made-up	Thread per unit length	IS1963
56	MECHANICAL- TEXTILE MATERIALS	Fabric,Garment & Made-up	Threads/unit length	ASTMD2256/D2256M-1
57	MECHANICAL- TEXTILE MATERIALS	Fabric,Garment & Made-up	Twist of yarn removed from fabric	ISO 7211-4
58	MECHANICAL- TEXTILE MATERIALS	Fabric,Garment And Made-up	Abrasion Resistance(Martindale) Change in colour	IS 12673 part 4
59	MECHANICAL- TEXTILE MATERIALS	Fabric,Garment And Made-up	Abrasion Resistance(Martindale) Thread Break	IS 12673: part 2:2014 RA
60	MECHANICAL- TEXTILE MATERIALS	Fabric,Garment And Made-up	Abrasion Resistance(Martindale) Thread Break	ASTM D4966-12
61	MECHANICAL- TEXTILE MATERIALS	Fabric,Garment And Made-up	Abrasion resistance(Martindale) Thread Break	ISO 12947-2
62	MECHANICAL- TEXTILE MATERIALS	Fabric,Garment And Made-up	Abrsion Resistance(Martindale) Change in colour	ASTM D4966-12
63	MECHANICAL- TEXTILE MATERIALS	Fabrics, Garments and Made-ups	Resistance of Protective clothing materials to penetration by Blood and Body fluids - Test Method Using Synthetic Blood	ISO 16603
64	MECHANICAL- TEXTILE MATERIALS	Fabrics, Garments, Madeups	Resistance of Protective Clothing Materials to penetration by blood and body fluids - Test method using Synthetic Blood	IS 16546
65	MECHANICAL- TEXTILE MATERIALS	Yarn	Imperfection per unit length	ASTMD1425/D1425M-14
66	MECHANICAL- TEXTILE MATERIALS	Yarn	Imperfection per unit length	ISO16549
67	MECHANICAL- TEXTILE MATERIALS	Yarn	Lea strength	ASTMD1578-93
68	MECHANICAL- TEXTILE MATERIALS	Yarn	Lea Strength	IS1671
69	MECHANICAL- TEXTILE MATERIALS	Yarn	Lea strength	ISO 6939
70	MECHANICAL- TEXTILE MATERIALS	Yarn	Linear density	ASTMD1907/1907M-12

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71	MECHANICAL- TEXTILE MATERIALS	Yarn	Linear density	IS1315
72	MECHANICAL- TEXTILE MATERIALS	Yarn	Linear density	ISO 2060
73	MECHANICAL- TEXTILE MATERIALS	Yarn	Twist of Yarn	ISO 2061
74	MECHANICAL- TEXTILE MATERIALS	Yarn	Unevenness%	ASTMD1425/D1425M-14
75	MECHANICAL- TEXTILE MATERIALS	Yarn	Yarn Unevenness	ISO16549
76	MECHANICAL- TEXTILE MATERIALS	Yarn , Chord and Yarn Removed from Fabric , Garment & Made-ups	Elongation % at Break	ISO:2062
77	MECHANICAL- TEXTILE MATERIALS	Yarn , Chord and Yarn removed from Fabric,Garment & Made-ups	Elongation % at break	ASTMD2256/M2256-1
78	MECHANICAL- TEXTILE MATERIALS	Yarn , Chords and Yarn removed from Fabric ,Garment & Madeups	Elongation % at break	IS:1670
79	MECHANICAL- TEXTILE MATERIALS	Yarn , Fabric , Garment & Made-ups	Twist of Yarn	ASTMD1422/D1422M-16
80	MECHANICAL- TEXTILE MATERIALS	Yarn , Fabric,Garment & Made-ups	Linear density of Thread	TC/LAB/TM-02
81	MECHANICAL- TEXTILE MATERIALS	Yarn , Fabric,Garment & Made-ups	Twist of Yarn	ASTMD1423/D1423M-14
82	MECHANICAL- TEXTILE MATERIALS	Yarn ,Fabric,Garment & Made-up	Twist of yarn	IS 832 (part1)
83	MECHANICAL- TEXTILE MATERIALS	Yarn ,Fabric,Garment & Made-up	Twist of yarn	IS 832 Part-2
84	MECHANICAL- TEXTILE MATERIALS	Yarn, Chords and yarn removed from Fabric , Garment & Made-ups	Breaking load of single thread	IS 1670
85	MECHANICAL- TEXTILE MATERIALS	Yarn, Chords and Yarn removed from Fabric, Garment & Made-ups	Breaking load of single thread	ISO 2062
86	MECHANICAL- TEXTILE MATERIALS	Yarn, Chords,and yarn removed from Fabric,Garment & Madeups	Breaking load of single thread	ASTMD2256/D2256M-1