National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : LABORATORY, TEXTILES COMMITTEE, MUMBAI, P.BALU ROAD, PRABHADEVI CHOWK, MUMBAI, MAHARASHTRA, 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
Permanent Facility				
1	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metal Accessories for garments (Alloys and coatings)	Nickel release screening test	CR 12471
2	CHEMICAL- POLLUTION & ENVIRONMENT	Pollution & Environment- Waste water (Effluent)	Bio chemical Oxygen Demand (BOD)	IS 3025 (Part 44)
3	CHEMICAL- POLLUTION & ENVIRONMENT	Pollution & Environment- Waste water (Effluent)	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
4	CHEMICAL- POLLUTION & ENVIRONMENT	Pollution & Environment- Waste water (Effluent)	Non-filterable residue (Total suspended solids)	IS 3025 (Part-17)
5	CHEMICAL- POLLUTION & ENVIRONMENT	Pollution & Environment- Waste water (Effluent)	Oil & Grease by partition gravimetric method	IS 3025 (Part-39)
6	CHEMICAL- POLLUTION & ENVIRONMENT	Pollution & Environment-Waste water (Effluent)	Dissolved Oxygen (DO)	IS 3025 (Part-38)
7	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabric, garments, made-ups	Colour fastness to Rubbing	IS 766
8	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups	Colour fastness to Light (Xenon Arc Lamp)	ISO 105 B02
9	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups	Colour fastness to Light (Xenon Arc Lamp)	AATCC 16.3
10	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups	Colour fastness to Light (Xenon Arc Lamp)	IS 2454
11	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups	Colour fastness to Water	AATCC 107
12	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups	Colour fastness to Water	IS /ISO 105-E01
13	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups	Colour fastness to Water	IS 767
14	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups	Colour fastness to Water	ISO 105- E01
15	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups	Dimensional Changes on soaking in water - Other than Wool	IS: 2977
16	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & Made- ups	Dimensional Changes of fabrics after home laundering	AATCC 135
17	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & Made- ups	Dimensional Changes of fabrics after home laundering	ISO 6330 (B) / ISO 5077
18	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & Made-ups	Colour fastness of textiles to saliva and perspiration	IS 15626

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19	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & Made-ups	Determining the water repellency of fabrics by water spray test	IS: 390
20	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & Made-ups	Dimensional Changes on soaking in water - Fabric containing Wool	IS 665
21	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & Made-ups	Identification of dyes i) Cotton and other cellulosic fibres	IS 4472 (Part 1)
22	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & Made-ups	Identification of dyes ii) Wool silk and other protein fibres	IS 4472 (Part-2)
23	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & Made-ups	Identification of dyes iii) Manmade fibres	IS 4472 (Part-3)
24	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & Made-ups	Water repellency of fabrics by cone test	IS: 7941
25	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & Made-ups	Water repellency of fabrics by water spray test	AATCC 22
26	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & Made-ups	Water soluble matter of textile material	IS: 3456
27	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & Made-ups	Wettability of cotton fabrics	IS: 2349
28	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabric, Garments & Made-ups	Fibre analysis by Physical separation method	AATCC - 20A
29	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabric, Garments & Made-ups	Quantitative fibre analysis by physical separation method	TC/Lab/TM-14: (Issue 5: Dt 03.12.18)
30	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Banned azo colourants in coloured textiles	IS 15570
31	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Colour fastness to Crocking	AATCC 8
32	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Colour fastness to organic solvents	IS 688
33	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Colour fastness to organic solvents	ISO 105 X05
34	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Colour fastness to perspiration	DIN EN ISO 105 EO4
35	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Colour fastness to perspiration	IS /ISO 105-E04
36	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Colour fastness to perspiration	IS 971

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37	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Colour fastness to perspiration	ISO 105 EO4
38	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Colour fastness to perspiration	JISL 0848
39	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Colour fastness to rubbing	IS/ISO 105 X12
40	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Colour fastness to rubbing	ISO 105 X12
41	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Colour fastness to washing with soap or soap and soda	BSEN 20105-C10
42	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Colour fastness to washing with soap or soap and soda	IS/ISO 105 C10
43	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Colour fastness to washing with soap or soap and soda	ISO 105 C10
44	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Identification of Textiles fibres	AATCC 20
45	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Identification of Textiles fibres	IS 667
46	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Quantitative chemical analysis of mixtures of fibres:	AATCC 20A
47	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Quantitative chemical analysis of mixtures of fibres: Acrylic + Others	IS 3421
48	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Quantitative chemical analysis of mixtures of fibres: Nylon + Others	IS 2005
49	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Quantitative chemical analysis of mixtures of fibres: Polyester + Cotton	IS 3416 (Part I)
50	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Quantitative chemical analysis of mixtures of fibres: Polyester + Viscose	IS 3416 (Part I)
51	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Quantitative chemical analysis of mixtures of fibres: Polyolefin + others	IS 9896
52	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Quantitative chemical analysis of mixtures of fibres: Silk & wool	IS 9889

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53	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Quantitative chemical analysis of mixtures of fibres: Wool + Others	IS 2006
54	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Quantitative chemical analysis of mixtures of fibres:Cotton + Viscose	IS 1889 (Part4)
55	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Made-ups	Quantitative chemical analysis of Ternary mixtures of protein fibres, Nylon + Others	IS 6503
56	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre, Yarn, Fabrics, Garments & Madeups	Fibre analysis: Quantitative (Mechanical separation)	TC/Lab/TM-14: (Issue 5: Dt 03.12.18)
57	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarn, Fabrics, Garments & Made-ups	pH value of aqueous extracts of textiles material	AATCC- 81
58	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarn, Fabrics, Garments & Made-ups	pH value of aqueous extracts of textiles material	IS: 1390
59	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarn, Fabrics, Garments & Made-ups	pH value of aqueous extracts of textiles material	ISO 3071
60	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarn, Fabrics, Garments, Made-ups	Colour fastness to Rubbing	IS 766
61	CHEMICAL- WATER	Laboratory grade water	Conductivity	ISO 3696
62	CHEMICAL- WATER	Laboratory grade water	Oxidisible matter	ISO 3696
63	CHEMICAL- WATER	Laboratory grade water	pH	ISO 3696
64	CHEMICAL- WATER	Laboratory grade water	Residue after evaporation at 110ºC	ISO 3696
65	MECHANICAL- TEXTILE MATERIALS	Cotton fibre	Cotton fibre maturity by Sodium Hydroxide swelling method	IS 236
66	MECHANICAL- TEXTILE MATERIALS	Cotton fibre	Lint and Trash content of cotton	IS 4871
67	MECHANICAL- TEXTILE MATERIALS	Fabric / Garments / Made-ups	Abrasion Resistance of textile fabric (Martindale method)	ASTM D: 4966
68	MECHANICAL- TEXTILE MATERIALS	Fabric / Garments / Made-ups	Abrasion Resistance of textile fabric (Martindale method)	ISO 12947- 2
69	MECHANICAL- TEXTILE MATERIALS	Fabric / Garments / Made-ups	Abrasion Resistance of textile fabric (Martindale method): Assessment of appearance change	ISO 12947- 4

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70	MECHANICAL- TEXTILE MATERIALS	Fabric / Garments / Made-ups	Abrasion Resistance of textile fabric (Martindale method): Determination of mass loss	ISO 12947- 3
71	MECHANICAL- TEXTILE MATERIALS	Fabric / Garments / Made-ups	Fabric propensity to surface fuzzing and to pilling (Pilling Box method)	BSEN ISO-12945-1
72	MECHANICAL- TEXTILE MATERIALS	Fabric / Garments / Made-ups	Fabric propensity to surface fuzzing and to pilling (Pilling Box method)	IS 10971 – 1
73	MECHANICAL- TEXTILE MATERIALS	Fabric / Garments / Made-ups	Fabric propensity to surface fuzzing and to pilling (Pilling Box method)	ISO-12945-1
74	MECHANICAL- TEXTILE MATERIALS	Fabric / Garments / Made-ups	Flammability and flame resistance to textile fabrics (Inclined)	IS 11871 (Method B)
75	MECHANICAL- TEXTILE MATERIALS	Fabric / Garments / Made-ups	Flammability and flame resistance to textile fabrics (Vertical)	IS 11871 (Method A)
76	MECHANICAL- TEXTILE MATERIALS	Fabric / Garments / Made-ups	Flammability and flame resistance to textile fabrics (Vertical)	IS 11871 (Method A)
77	MECHANICAL- TEXTILE MATERIALS	Fabric / Garments / Made-ups	Slippage resistance of yarns at a seam in woven fabrics - Part 1: Fixed seam opening method	ISO 13936-1
78	MECHANICAL- TEXTILE MATERIALS	Fabric / Garments / Made-ups	Slippage resistance of yarns at a seam in woven fabrics - Part 2: Fixed load method	ISO 13936-2
79	MECHANICAL- TEXTILE MATERIALS	Fabric / Garments / Made-ups	Tearing Strength of fabric by falling pendulum (Elmendorf)	ASTM D 1424-2009 / IS 6489
80	MECHANICAL- TEXTILE MATERIALS	Fabric / Garments / Made-ups	Tearing strength of fabric by tongue (single rib)	ASTM D 2261
81	MECHANICAL- TEXTILE MATERIALS	Fabric /Garments / Made-ups	Recovery from creasing of textile by measuring the angle of recovery	IS 4681
82	MECHANICAL- TEXTILE MATERIALS	Fabric /Garments / Made-ups	Stiffness of fabrics	IS 6490
83	MECHANICAL- TEXTILE MATERIALS	Fabric /Garments / Made-ups	Tearing Strength of fabric by falling pendulum (Elmendorf)	ISO: 13937 –1
84	MECHANICAL- TEXTILE MATERIALS	Fabric/ Garments / Made-ups	Mass per unit length and Mass per unit area of fabric	TC/ LAB TM-03 (Issue No.5 dated 3.12.18)

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85	MECHANICAL- TEXTILE MATERIALS	Fabric/ Garments / Made-ups	Length and Width of woven fabric	ASTM D: 3773
86	MECHANICAL- TEXTILE MATERIALS	Fabric/ Garments / Made-ups	Length and width of woven fabric	ASTM D: 3774
87	MECHANICAL- TEXTILE MATERIALS	Fabric/ Garments / Made-ups	Length and Width of woven fabric	IS 1954
88	MECHANICAL- TEXTILE MATERIALS	Fabric/ Garments / Made-ups	Mass per unit length and mass per unit area of fabric	ASTM D: 3776
89	MECHANICAL- TEXTILE MATERIALS	Fabric/ Garments / Made-ups	Mass per unit length and mass per unit area of fabric	BSEN 12127
90	MECHANICAL- TEXTILE MATERIALS	Fabric/ Garments / Made-ups	Mass per unit length and Mass per unit area of fabric	IS 1964
91	MECHANICAL- TEXTILE MATERIALS	Fabric/ Garments / Made-ups	Mass per unit length and Mass per unit area of fabric	ISO 3801
92	MECHANICAL- TEXTILE MATERIALS	Fabric/ Garments /Made up	Linear density of Thread removed from fabric	TC/ LAB TM-02 (Issue No. 5 dated 3.12.18)
93	MECHANICAL- TEXTILE MATERIALS	Fabric/Garments / Made-ups	Breaking strength / force of textile fabrics	ASTM D: 5034 (Grab)
94	MECHANICAL- TEXTILE MATERIALS	Fabric/Garments / Made-ups	Breaking strength / force of textile fabrics	IS 1969 (Part 1 - Strip)
95	MECHANICAL- TEXTILE MATERIALS	Fabric/Garments / Made-ups	Breaking strength / force of textile fabrics	ASTM D: 5035 (Strip)
96	MECHANICAL- TEXTILE MATERIALS	Fabric/Garments / Made-ups	Breaking strength / force of textile fabrics	IS 1969 (Part 2 - Grab)
97	MECHANICAL- TEXTILE MATERIALS	Fabric/Garments / Made-ups	Breaking strength / force of textile fabrics	ISO 13934-1 (Strip)
98	MECHANICAL- TEXTILE MATERIALS	Fabric/Garments / Made-ups	Breaking strength / force of textile fabrics	ISO 13934-2 (Grab)
99	MECHANICAL- TEXTILE MATERIALS	Fabric/Garments / Made-ups	Elongation at maximum force of textile fabrics	ASTM D: 5034 (Grab)
100	MECHANICAL- TEXTILE MATERIALS	Fabric/Garments / Made-ups	Elongation at maximum force of textile fabrics	ASTM D: 5035 (Strip)
101	MECHANICAL- TEXTILE MATERIALS	Fabric/Garments / Made-ups	Elongation at maximum force of textile fabrics	IS 1969 (Part 1 - Strip)
102	MECHANICAL- TEXTILE MATERIALS	Fabric/Garments / Made-ups	Elongation at maximum force of textile fabrics	IS 1969 (Part 2 - Grab)
103	MECHANICAL- TEXTILE MATERIALS	Fabric/Garments / Made-ups	Elongation at maximum force of textile fabrics	ISO 13934-1 (Strip)

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104	MECHANICAL- TEXTILE MATERIALS	Fabric/Garments / Made-ups	Elongation at maximum force of textile fabrics	ISO 13934-2 (Grab)
105	MECHANICAL- TEXTILE MATERIALS	Fabric/Garments / Made-ups	Twist of yarn removed from fabric	ASTM D: 1422
106	MECHANICAL- TEXTILE MATERIALS	Fabric/Garments / Made-ups	Twist of yarn removed from fabric	IS 832
107	MECHANICAL- TEXTILE MATERIALS	Fabric/Garments / Made-ups	Twist of yarn removed from fabric	ISO 7211-4
108	MECHANICAL- TEXTILE MATERIALS	Fabric/Garments /Made-ups	Threads per unit length in woven fabrics	ASTM D: 3775
109	MECHANICAL- TEXTILE MATERIALS	Fabric/Garments /Made-ups	Threads per unit length in woven fabrics	BSEN 1049-2
110	MECHANICAL- TEXTILE MATERIALS	Fabric/Garments /Made-ups	Threads per unit length in woven fabrics	IS 1963
111	MECHANICAL- TEXTILE MATERIALS	Fabric/Garments /Made-ups	Threads per unit length in woven fabrics	ISO 7211-2
112	MECHANICAL- TEXTILE MATERIALS	Fibres, Yarn	Estimation of moisture content	IS 199
113	MECHANICAL- TEXTILE MATERIALS	Protective Clothing Materials - Fabric and Garments	Determination of the resistance of protective clothing materials to penetration by blood and body fluids — Test method using synthetic blood	ISO 16603
114	MECHANICAL- TEXTILE MATERIALS	Protective Clothing Materials - Fabric and Garments	Determination of the Resistance of Protective Clothing Materials to Penetration by Blood and Body Fluids - Test Method Using Synthetic Blood	IS 16546
115	MECHANICAL- TEXTILE MATERIALS	Protective Clothing Materials - Fabric and Garments	Standard Test Method for resistance of material used in protective Clothing to Penetration by Synthetic Blood	ASTM F 1670
116	MECHANICAL- TEXTILE MATERIALS	Yarn	Unevenness of Textile strand using capacitance method	ISO 16549
117	MECHANICAL- TEXTILE MATERIALS	Yarn	Untwist/Re-twist method for single yarn	IS 832
118	MECHANICAL- TEXTILE MATERIALS	Yarn	Untwist/Re-twist method for single yarn	ASTM D1423 (Part 2)

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119	MECHANICAL- TEXTILE MATERIALS	Yarn	Yarn strength parameters of yarns spun on cotton system	IS 1671
120	MECHANICAL- TEXTILE MATERIALS	Yarn & Chords	Breaking force of single yarn	ASTM D:2256
121	MECHANICAL- TEXTILE MATERIALS	Yarn & Chords	Breaking force of single yarn	IS 1670
122	MECHANICAL- TEXTILE MATERIALS	Yarn & Chords	Breaking force of single yarn	ISO: 2062
123	MECHANICAL- TEXTILE MATERIALS	Yarn & Chords	Elongation at break of single yarn	ASTM D: 2256
124	MECHANICAL- TEXTILE MATERIALS	Yarn & Chords	Elongation at break of single yarn	IS 1670
125	MECHANICAL- TEXTILE MATERIALS	Yarn & Chords	Elongation at break of single yarn	ISO: 2062
126	MECHANICAL- TEXTILE MATERIALS	Yarns	Imperfections per unit Length	ISO 16549
127	MECHANICAL- TEXTILE MATERIALS	Yarns	Linear density of yarns spun on cotton system	IS 1315
128	MECHANICAL- TEXTILE MATERIALS	Yarns	Twist in yarn Part 1: Direct counting method	ASTM D: 1422
129	MECHANICAL- TEXTILE MATERIALS	Yarns	Twist in yarn Part 1: Direct counting method	IS 832 (Part 1)
130	MECHANICAL- TEXTILE MATERIALS	Yarns	Twist in yarn Part 1: Direct counting method	ISO 2061