National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MODERN TESTING SERVICES (INDIA)PRIVATE LIMITED, KHATA# 275/270/271, SURVEY# 37/1, S.D CHAMBERS, SINGASANDRA VILLAGE,HOSUR MAIN ROAD, BENGALURU, KARNATAKA, INDIA

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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- TEXTILE (WOVEN & NON WOVEN)	Fabric and garments	Determination of formaldehyde	ISO 14184-1
2	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabric and garments	Determination of formaldehyde (Released formaldehyde)	BSEN ISO 14184 -2
3	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabric and garments	Test methods for resin finished textiles	JIS-L-1041
4	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Apparel & Textiles	Fiber Analysis: Qualitative	AATCC Test Method 20
5	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Apparel and Textiles	Fiber Analysis: Quantitative	AATCC Test Method 20A (Method 1, 2, 3, 4, 5, 6, 7)
6	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Apparel and Textiles	Quantitative - Chemical analysis (fibre) (Mixtures of viscose, cupro or modal and cotton fibres)	ISO 1833-5
7	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Apparel and Textiles	Quantitative chemical analysis - (Fibre)- Mixtures of polyamide and certain other fibres	ISO 1833-7
8	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Apparel and Textiles	Quantitative chemical analysis (Fibre) (Mixtures of acrylic, certain modacrylics, certain chlorofibres, certain elastanes and certain other Fibres)	ISO 1833-12
9	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Apparel and Textiles	Quantitative chemical analysis (Fibre)- (Mixtures of cellulose and polyester fibres)	ISO 1833-11
10	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Apparel and Textiles	Quantitative chemical analysis (fibre) (Ternary fibre mixtures)	ISO 1833-2
11	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Apparel and Textiles	Quantitative chemical analysis -(Fibre) (Ternary fibre mixtures) Elastane	ISO 1833-2
12	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Apparel and Textiles	Quantitative chemical analysis- (Fibre) (Ternary fibre mixtures) Polyester	ISO 1833-2
13	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Apparel and Textiles	Quantitative chemical analysis (Fibre)- General principles of testing	ISO 1833-1
14	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre & Filaments, Yarns & Chords, Grey Fabric, Finished Fabric, Apparel & Garments	pH of the Water- Extract from wet Processed Textiles	AATCC 81

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15	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fibre & Filaments, Yarns & Chords, Grey Fabric, Finished Fabric, Apparel & Garments	pH of aqueous extract	BS EN ISO 3071
16	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Finished Fabric , Apparel & Garments	Color Fastness to Artificial Saliva	DIN 53160-1
17	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Finished Fabric , Apparel& Garments	Color Fastness to Artificial Sweat	DIN 53160-2
18	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Grey Fabric, Finished Fabric, Apparel & Garments	Color Fastness To Phenolic Yellowing	ISO 105-X18
19	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Grey Fabric, Finished Fabric, Apparel & Garments	Dimensional change in washing and drying	ISO 5077
20	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Grey Fabric, Finished Fabric, Apparel & Garments	Dimensional Changes of Fabrics after Home Laundering	AATCC 135
21	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Grey Fabric, Finished Fabric, Apparel & Garments	Dimensional Changes of Garments after Home Laundering	AATCC 150
22	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Grey Fabric, Finished Fabric, Apparel & Garments	Domestic washing and drying procedures for textile testing	BS EN ISO 6330
23	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Grey Fabric, Finished Fabric, Apparel & Garments	Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change	ISO 3759
24	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Grey Fabric, Finished Fabric, Apparel & Garments	Skew Change in Fabrics After Home Laundering	AATCC 179
25	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Grey Fabric, Finished Fabric, Apparel & Garments	Spirality (Woven & Knitted fabirc & garment)	ISO 16322-1
26	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Grey Fabric, Finished Fabric, Apparel & Garments	Spirality (Woven & Knitted Fabric)	ISO 16322-2
27	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Grey Fabric, Finished Fabric, Apparel & Garments	Spirality (Woven & Knitted Fabrics & garment)	ISO16322 -3
28	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile	Formaldehyde - Release from Fabric	AATCC 112
29	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile	Formaldehyde -spot test	AATCC 94
30	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarns & Chords, Grey Fabric, Finished Fabric, Apparel & Garments	Color fastness to Dry Cleaning	AATCC 132
31	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarns & Chords, Grey Fabric, Finished Fabric, Apparel & Garments	Color Fastness to Laundering Accelerated	AATCC 61

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32	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarns & Chords, Grey Fabric, Finished Fabric, Apparel & Garments	Color Fastness to Perspiration	BS EN ISO 105-E04
33	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarns & Chords, Grey Fabric, Finished Fabric, Apparel & Garments	Color Fastness to Sea Water	BS EN ISO 105-E02
34	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarns & Chords, Grey Fabric, Finished Fabric, Apparel & Garments	Color Fastness to Water	BS EN ISO 105-E01
35	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarns & Chords, Grey Fabric, Finished Fabric, Apparel & Garments	Colorfastness to Light	AATCC 16.3
36	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarns & Chords, Grey Fabric, Finished Fabric, Apparel & Garments	Colour fastness to domestic and commercial laundering	BS EN ISO 105-C06
37	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarns & Chords, Grey Fabric, Finished Fabric, Apparel & Garments	Colorfastness to Crocking	AATCC 8
38	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarns & Chords, Grey Fabric, Finished Fabric, Apparel & Garments	Colour fastness to domestic and commercial laundering	BS EN ISO 105 - C08
39	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarns & Chords, Grey Fabric, Finished Fabric, Apparel & Garments	Color Fastness to Rubbing	BS EN ISO 105-X12
40	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarns & Chords, Grey Fabric, Finished Fabric, Apparel & Garments	Colorfastness to Perspiration	AATCC 15
41	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarns & Chords, Grey Fabric, Finished Fabric, Apparel & Garments	Colorfastness to Water	AATCC 106
42	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarns & Chords, Grey Fabric, Finished Fabric, Apparel & Garments	Colorfastness to Water	AATCC 107
43	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarns & Chords, Grey Fabric, Finished Fabric, Apparel & Garments	Colour fastness to artificial light:	BS EN ISO105-BO2
44	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarns & Chords, Grey Fabric, Finished Fabric, Apparel & Garments	Colour fastness to dry cleaning	BSEN ISO 105-D01
45	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarns & Chords, Grey Fabric, Finished Fabric, Apparel & Garments	Colour fastness to washing with soap or soap and soda	BS EN ISO 105 C-10
46	MECHANICAL- TEXTILE MATERIALS	Fabric (Woven & Knitted)	Tear Strength	BS EN ISO 13937-1
47	MECHANICAL- TEXTILE MATERIALS	Fabric (Woven & Knitted)	Tearing Strength	ASTM D1424-09
48	MECHANICAL- TEXTILE MATERIALS	Fabric(Woven & Knitted)	Tensile (Grab Method)	BS EN ISO 13934 - 2
49	MECHANICAL- TEXTILE MATERIALS	Fabric, Apparel & Garments	Bursting Strength of Textile Fabrics	ASTM D3786/D3786 M
50	MECHANICAL- TEXTILE MATERIALS	Fabric, Apparel & Garments	Fabric propensity to surface fuzzing and to pilling	BS EN ISO 12945-2

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51	MECHANICAL- TEXTILE MATERIALS	Fabric, Apparel & Garments	Fabric propensity to surface fuzzing and to pilling. Pilling box method	BS EN ISO 12945-1
52	MECHANICAL- TEXTILE MATERIALS	Fabric, Apparel & Garments	Failure in Sewn Seams of Woven Fabrics	ASTM D1683/ D1683M
53	MECHANICAL- TEXTILE MATERIALS	Fabric, Apparel & Garments	Flammability of apparel Textile	16 CFR 1610
54	MECHANICAL- TEXTILE MATERIALS	Fabric, Apparel & Garments	Flammability of Apparel Textiles	ASTM D1230
55	MECHANICAL- TEXTILE MATERIALS	Fabric, Apparel & Garments	Mass Per Unit Area (Weight) of Fabric	ASTM D3776/ D3776M-09a
56	MECHANICAL- TEXTILE MATERIALS	Fabric, Apparel & Garments	Mass per unit area using small samples	BS EN 12127
57	MECHANICAL- TEXTILE MATERIALS	Fabric, Apparel & Garments	Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Elastomeric Pad	ASTM D3514/D3514M
58	MECHANICAL- TEXTILE MATERIALS	Fabric, Apparel & Garments	Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Random Tumble Pilling Tester	ASTM D 3512/D3512M
59	MECHANICAL- TEXTILE MATERIALS	Fabric, Apparel & Garments	Seam tensile properties	BS EN ISO 13935-1
60	MECHANICAL- TEXTILE MATERIALS	Fabric, Apparel & Garments	Seam tensile properties (Grab Method)	BS EN ISO 13935 -2
61	MECHANICAL- TEXTILE MATERIALS	Fabric, Apparel & Garments	Slippage resistance of yarns	BS EN ISO 13936-2
62	MECHANICAL- TEXTILE MATERIALS	Fabric, Apparel & Garments	Slippage resistance of yarns	BSEN ISO 13936-1
63	MECHANICAL- TEXTILE MATERIALS	Fabric, Apparel & Garments	Woven fabrics- Mass per unit length and mass per unit area	ISO 3801 Method 5
64	MECHANICAL- TEXTILE MATERIALS	Fabrics(Woven & Knitted)	Width and length of Fabrics	ISO 22198-10-01
65	MECHANICAL- TEXTILE MATERIALS	Fabrics(Woven & Knitted)	Width of Textile Fabric	ASTM D3774
66	MECHANICAL- TEXTILE MATERIALS	Fabrics(Woven and Non Woven)	Breaking Strength of Textile Fabrics (Grab Test)	ASTM D5034-09
67	MECHANICAL- TEXTILE MATERIALS	Fabrics(Woven and Non Woven)	Resistance to Slippage of Yarns in Woven Fabrics Using a Standard Seam	ASTM D434

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68	MECHANICAL- TEXTILE MATERIALS	Garments and Apparel	Specification for Tolerances for Knitted Fabrics	ASTM D3887-96 RA
69	MECHANICAL- TEXTILE MATERIALS	Knitted Fabric	Stretch Properties of Knitted Fabrics Having Low Power	ASTM D2594-04
70	MECHANICAL- TEXTILE MATERIALS	Textile Accessories	Removal Force Of Attached Components	BS 7907(Annexure B)
71	MECHANICAL- TEXTILE MATERIALS	Textile Accessories	Sharp Edge	ASTM F 963-2017 (4.7), 16 CFR 1500.49, EN 71-1:2014 + A1
72	MECHANICAL- TEXTILE MATERIALS	Textile Accessories	Sharp Point	ASTM F 963-2017(4.9), 16 CFR 1500.48, EN 71-1:2014 + A1 (4.8)
73	MECHANICAL- TEXTILE MATERIALS	Textile Accessories	Small Parts	16 CFR 1501.4, ASTM F963-11: 2017 Section 4.6, EN 71-1:2014 (8.2) + A1
74	MECHANICAL- TEXTILE MATERIALS	Textile Accessories	Tension	ASTM F 963-11:2017 Section 8.9, 16 CFR Part 1500.50, 16 CFR Part 1500.51, 16 CFR Part 1500.52, 16 CFR Part 1500.53, EN 71-1:2014 + A1
75	MECHANICAL- TEXTILE MATERIALS	Textile Accessories	Torque	Section 8.8, 16 CFR Part 1500.50, 16 CFR Part 1500.51, 16 CFR Part 1500.52, 16 CFR Part 1500.53 & ASTM F 963-11
76	MECHANICAL- TEXTILE MATERIALS	Woven Fabric	Abrasion Resistance	BS EN ISO 12947-1
77	MECHANICAL- TEXTILE MATERIALS	Woven Fabric	Abrasion Resistance-Appearance Change	BS EN ISO 12947-4
78	MECHANICAL- TEXTILE MATERIALS	Woven Fabric	Abrasion Resistance of Textile Fabrics	ASTM D4966
79	MECHANICAL- TEXTILE MATERIALS	Woven Fabric	Abrasion Resistance- Specimen Breakdown	BSEN ISO12947-2
80	MECHANICAL- TEXTILE MATERIALS	Woven Fabric	Stretch Properties of Fabrics Woven from Stretch Yarns	ASTM D3107 (RA 2015)
81	MECHANICAL- TEXTILE MATERIALS	Woven Fabric	Water Repellency: Spray Test	AATCC 22
82	MECHANICAL- TEXTILE MATERIALS	Woven Fabrics	Abrasion Resistance- Mass Loss	BS EN 12947-3
83	MECHANICAL- TEXTILE MATERIALS	Woven Fabrics	End (Warp) and Pick (Filling) Count of Woven Fabrics	ASTM D3775

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84	MECHANICAL- TEXTILE MATERIALS	Woven Fabrics	Threads Per Unit Length	ISO 7211-2