National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : LABORATORY-1, S.P. APPARELS LTD., 39-A, EXTENSION STREET, KAIKATTIPUDUR, AVINASHI, TIRUPUR, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 26/07/2022 to 25/07/2024 **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)	Textiles	Absorbency of Textiles	AATCC 79
2	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Woven and knitted fabrics	Spirality after Laundering	ISO 16322 (Part -2)
3	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Woven and knitted garments	Spirality after Laundering	ISO 16322 (Part-3)
4	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Appearance after Washing	SPAV – CH – 1 Issue 1 April
5	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Appearance of Apparel & other Textile end Products after domestic washing and drying	ISO 15487
6	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Appearance of Apparel & other Textile end Products after Repeated home Laundering.	AATCC 143
7	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Assessment of the potential to Phenolic Yellowing of materials	ISO 105 X 18
8	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Colour fastness to Artificial Light	ISO 105 B02
9	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Colour fastness to Crocking	AATCC 8
10	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Colour fastness to laundering accelerated	AATCC 61
11	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Colour Fastness to Perspiration	GB/T 3922
12	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Colour fastness to Perspiration	ISO 105 E04
13	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Colour fastness to Perspiration.	AATCC 15
14	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Colour Fastness to Rubbing	GB/T 3920
15	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Colour fastness to Rubbing	ISO 105 X12
16	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Colour fastness to saliva	GB/T 18886
17	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Colour fastness to Saliva.	DIN 53160-1

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18	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Colour Fastness to Water	GB/T 5713
19	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Colour fastness to Water	ISO 105 E01
20	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Colour fastness to Water.	AATCC 107
21	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Colour fastness to domestic and commercial laundering	ISO 105 C06
22	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Determination of pH of aqueous extract	GB/T 7573
23	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Determination of pH of aqueous extract	ISO 3071
24	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Dimensional changes of fabrics after home laundering	AATCC 135
25	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Dimensional changes of garments after home laundering	AATCC 150
26	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Dimensional stability to washing	ISO 5077 : 2007 / ISO 6330
27	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Fibre Analysis - Quantitative	AATCC 20 A
28	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Fibre composition of Textile products	EU 1007
29	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Motif / Print Durability	SPAV – CH – 2 Issue 1 April
30	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	pH of water - extract from wet processed textiles.	AATCC 81
31	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Quantitative analysis of fibre mixtures	BS 4407
32	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Skewness change in Fabric and Garment Twist Resulting from Automatic Home Laundering	AATCC 179
33	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Smoothness appearance of fabrics after repeated home laundering	AATCC 124
34	MECHANICAL- TEXTILE MATERIALS	Knitted Fabrics	Methods of Test for Knitted Fabrics	BS 5441 : 1988+A1

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35	MECHANICAL- TEXTILE MATERIALS	Textiles	Method of test for Breaking Strength of Yarn by the skein method	ISO 6939
36	MECHANICAL- TEXTILE MATERIALS	Textiles - Fabric, Accessories, Garments, Made Ups	Safety of children's clothing - Security of attachment of metal mechanically press fasteners	PD CEN / TS 17394-3
37	MECHANICAL- TEXTILE MATERIALS	Textiles - Fabric, Accessories, Garments, Made Ups	Determination of the elasticity of fabrics	BS EN ISO 20932-1
38	MECHANICAL- TEXTILE MATERIALS	Textiles - Fabric, Accessories, Garments, Made Ups	Bow & Skew in Woven and Knitted fabrics	ASTM D 3882
39	MECHANICAL- TEXTILE MATERIALS	Textiles - Fabric, Accessories, Garments, Made Ups	Breaking Strength and Elongation of Textile Fabrics (Grab Test)	ASTM D 5034
40	MECHANICAL- TEXTILE MATERIALS	Textiles - Fabric, Accessories, Garments, Made Ups	Fabric propensity to surface Fuzzing and to Pilling	BS EN ISO 12945 (Part-1)
41	MECHANICAL- TEXTILE MATERIALS	Textiles - Fabric, Accessories, Garments, Made Ups	Fiber Shedding	SPAV-ME-1
42	MECHANICAL- TEXTILE MATERIALS	Textiles - Fabric, Accessories, Garments, Made Ups	Holding Strength of Prong-Ring Attached Snap Fasteners	ASTM D 7142
43	MECHANICAL- TEXTILE MATERIALS	Textiles - Fabric, Accessories, Garments, Made Ups	Warp(End) and Filling (Pick) Count of Woven Fabrics	ASTM D 3775
44	MECHANICAL- TEXTILE MATERIALS	Textiles - Fabric, Accessories, Garments, Made Ups	Width of Textile Fabrics	ASTM D 3774 option B
45	MECHANICAL- TEXTILE MATERIALS	Textiles - Yarn	Linear Density of Yarn (Yarn Number) by Skein Method	ASTM D 1907Option 1 & 4
46	MECHANICAL- TEXTILE MATERIALS	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Safety of Children's clothing - Security of attachment of buttons	BS EN 17394 -2
47	MECHANICAL- TEXTILE MATERIALS	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Safety of children's clothing - Security of attachment of components except buttons and mechanically applied press fasteners	PD CEN/TS 17394-4
48	MECHANICAL- TEXTILE MATERIALS	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Grading Spun Yarns for Appearance	ASTM D 2255 - 09 RA
49	MECHANICAL- TEXTILE MATERIALS	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Mass per Unit Area (Weight) of Fabric	ASTM D 3776- Option C
50	MECHANICAL- TEXTILE MATERIALS	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Mass per unit area using small samples	BS EN 12127 Method 5

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51	MECHANICAL- TEXTILE MATERIALS	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Safety of children's clothing - Mechanical Safety- Determination of the security of attachment in Clothing	PD CEN / TR 16792
52	MECHANICAL- TEXTILE MATERIALS	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Seam Tensile Properties of Fabrics - Maximum force to seam rupture using the grab method	ISO 13935 (Part-2)
53	MECHANICAL- TEXTILE MATERIALS	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Seam Tensile Properties of Fabrics - Maximum force to seam rupture using the strip method	ISO 13935 (Part-1)
54	MECHANICAL- TEXTILE MATERIALS	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Slippage resistance of yarn at a seam in woven fabrics	ISO 13936 (Part-1)
55	MECHANICAL- TEXTILE MATERIALS	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Standard Specification for Tolerances for Knitted Fabrics	ASTM D 3887 : 96 RA
56	MECHANICAL- TEXTILE MATERIALS	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Tear properties of fabrics - Tear force of trouser shaped test specimens (Single Tear Method)	ISO 13937 (Part 2)
57	MECHANICAL- TEXTILE MATERIALS	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Tearing Strength of fabrics by the Tongue Procedure	ASTM D 2261
58	MECHANICAL- TEXTILE MATERIALS	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Tensile properties of Fabrics - Maximum force & elongation at maximum force using strip method	ISO 13934 (Part-1)
59	MECHANICAL- TEXTILE MATERIALS	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Tensile properties of Fabrics - Maximum Force & elongation at Maximum Force using Strip Method.	ASTM D 5035
60	MECHANICAL- TEXTILE MATERIALS	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Tensile properties of Fabrics - Maximum Force using the Grab Method	ISO 13934 (Part-2)
61	MECHANICAL- TEXTILE MATERIALS	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Threads per Unit Length – Woven fabrics	IS 1963
62	MECHANICAL- TEXTILE MATERIALS	Textiles - Yarn, Fabric, Accessories, Garments, Made Ups	Yarn number based on Short Length Specimens	ASTM D 1059
63	MECHANICAL- TEXTILE MATERIALS	Yarn	Linear Density of Yarn	ISO 2060 Option 1 & 4