



CERTIFICATE OF ACCREDITATION

This is to attest that

STANDARD TECHNICAL LLP

F26 1ST FLOOR SECTOR 11
NOIDA, UP 201301, INDIA

Testing Laboratory TL-1012

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date February 5, 2024



A handwritten signature in black ink, reading "Raj Nath".

President

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

STANDARD TECHNICAL LLP

www.standard-technical.com

Contact Name Vikramaditya Jain

Contact Phone +91-9810006012

Accredited to ISO/IEC 17025:2017

Effective Date February 5, 2024

CHEMICAL – Textile Woven and Nonwoven	
Textile Material & Accessories	
AATCC 8	Colour Fastness to Crocking
AATCC 15	Colorfastness to Perspiration
AATCC 16.3	Colorfastness to Light: Xenon-Arc
AATCC 20	Fiber Analysis: Qualitative
AATCC 20A	Fiber Analysis: Quantitative
AATCC 61	Colorfastness to Laundering: Accelerated
AATCC 81	pH
AATCC 106	Colorfastness to seawater
AATCC 107	Colorfastness to Water
AATCC 132	Colorfastness to Dry Cleaning
AATCC 135/ AATCC 150	Dimensional Changes of Fabrics / Garment after Home Laundering
AATCC 158	Dimensional stability to Dry cleaning
AATCC 162	Colour fastness to chlorinated pool water
AATCC 179	Skew Change in Fabrics After Home Laundering
AATCC TS001	Colour Fastness to Chlorine Bleach/Colour Fastness to Non-Chlorine Bleach
AATCC TM-163	Test Method for Color fastness to storage: Dye Transfer.
ASTM D3882-08	Bow and Skew in Woven and Knitted Fabrics
BS EN ISO 105-B02	Colour fastness to artificial light: Xenon arc fading lamp test
BS EN ISO 105-C06	Colour fastness to domestic and commercial laundering
BS EN ISO 105-C08	Colour fastness to domestic and commercial laundering using a non-phosphate reference detergent incorporating a low-temperature bleach activator
BS EN ISO 105-C10	Colour fastness to washing with soap or soap and soda
BS EN ISO 105-D01	Colorfastness to Dry leaning
BS EN ISO105-E01	Colorfastness to Water
BS EN ISO 105-E02	Colorfastness to seawater

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BS EN ISO 105 E03	Colour fastness to chlorinated pool water
BS EN ISO 105-E04	Colorfastness to Perspiration
BS EN ISO 105-X12	Colour Fastness to Rubbing
BS EN ISO 105-X18	Assessment of the potential to phenolic yellowing of materials
CENT/TS 17394-4	Pull test Method
EN ISO 105 C06	Colour fastness to domestic and commercial laundering
EN ISO 105 E01	Colorfastness to Water
EN ISO 105 E04	Colorfastness to Perspiration
EN ISO 105 X12	Colour Fastness to Rubbing
EU 1007: 2011	Fiber Composition
GB/T 3920	Colorfastness to rubbing
GB/T3922	Colorfastness to perspiration
GB/T 5713	Colorfastness to water
GB/T 7573	pH Test
GB/T 18886	Colorfastness to Saliva
ISO 105 C06	Colour fastness to domestic and commercial laundering
ISO 105 E01	Colorfastness to Water
ISO 105 E04	Colorfastness to Perspiration
ISO 105 X12	Colour Fastness to Rubbing
ISO 3071	pH
ISO 16322-2	Spirality after Laundering – Woven And Knitted Fabrics
CHEMICAL – Hazardous & Restricted Chemicals	
Textile Material & Accessories	
16 CFR 1303	Lead in surface coating
AATCC 112	Released formaldehyde- Vapour absorption test method
AOAC 974.02	Lead in surface coating
ASTM E1613	Lead in surface coating
ASTM E1613	Total Lead Content (Metal Items)
ASTM E1613	Total Lead Content (Non- Metal Items)
ASTM E1645	Lead in surface coating
ASTM E1645	Total Lead Content (Metal Items)
ASTM E1645	Total Lead Content (Non-Metal Items)
CPSC-CH-C1001-09.3	Phthalates
CPSC-CH-C1001-09.4	Phthalates

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CPSC-CH-E1001-8.3	Total Lead Content (Metal Items)
CPSC-CH-E1002-8.3	Total Lead Content (Non-Metal Items)
CPSC-CH-E1003-09.1	Lead in surface coating
EN 1122	Cadmium content by wet decomposition test method (Excluding METHOD A)
GB/T 2912.1	Free Formaldehyde-Water Extraction test method
GB/T 2912.2	Released formaldehyde- Vapour absorption test method
IEC 62321-5	Total Lead Content (Non-Metal Items)
ISO 14184-1	Free Formaldehyde-Water Extraction test method
ISO 14184-2	Released formaldehyde- Vapour absorption test method
ISO 14389	Phthalates
STL/LAB/SOP/001 ISSUE NO.1 Dated 01.10.2021 [SOP Based on ASTM E1613, ASTM E1645, CPSC-CH-E1001-08.3]	Total Cadmium Content (Metal Items)
STL/LAB/SOP/002, ISSUE NO.1 Dated 22.10.2021 [SOP Based on ASTM E1613, ASTM E1645, IEC 62321-5, CPSC-CH-E1002-08.3	Total Cadmium Content (Non- Metal Items)
STL/LAB/SOP/003 ISSUE NO.1 Dated 22.10.2021 [SOP Based on 16 CFR 1303, ASTM E1613, ASTM E1645, AOAC 974.02, CPSC-CH- E1003-09.1]	Cadmium in Surface Coating
Textile Fabric and Garment	
BS EN ISO 14362-1	<p>Methods for determination of certain aromatic amines derived from azo colorants – Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres-</p> <ol style="list-style-type: none"> 1. 4-aminodiphenyl/xenylamine/Biphenyl-4-ylamine 2. Benzidine 3. 4-chlor-o-toluidine 4. 2-naphthylamine 5. o-aminoazotoluene/4-o-tolylazo-o- toluidine/4-amino-2',3-dimethylazobenzene 6. 2-amino-4-nitrotoluol/5-nitro-o-toluidine 7. p-chloranilin/4-chloroaniline

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	<ol style="list-style-type: none"> 8. 2,4-diaminoanisole/4-methoxy-m-phenylenediamine 9. 4,4'-diaminodiphenylmethane/4,4'-methylenedianiline 10. 3,3'-dichlorobenzidine/3,3'-dichlorobiphenyl-4,4'-ylenediamine 11. 3,3'-dimethoxybenzidine/o-dianisidine 12. 3,3'-dimethylbenzidine/4,4'-bi-o-Toluidine 13. 3,3'-dimethyl-4,4'-diaminodiphenylmethane/4,4'-methylenedi-o-toluidine 14. p-cresidin/6-methoxy-m-toluidine 15. 4,4'-methylen-bis-(2-chloro-aniline)/2,2'-dichloro-4,4'-methylene-dianiline 16. 4,4'-oxydianiline 17. 4,4'-thiodianiline 18. o-toluidine/2-aminotoluene 19. 2,4-toluylenediamine/4-methyl-m-phenylenediamine 20. 2,4,5-trimethylaniline 21. 4-aminoazobenzene 22. o-anisidine/ 2-methoxyaniline 23. 2,4-Xylidine 24. 2,6-Xylidine
BS EN ISO14362-3	<p>Methods for determination of certain aromatic amines derived from azo colorants — Part 3: Detection of the use of certain azo colorants, which may release 4-aminoazobenzene</p> <ul style="list-style-type: none"> • 4-aminoazobenzene
MECHANICAL – Textile Materials	
Textile Material & Accessories	
16 CFR 1500.48 & 49	Sharp points test & Sharp edges test
16 CFR 1500.51-53 Clause (e)	Torque test (Use and abuse)
16 CFR 1500.51-53 Clause (f)	Tension test (Use and abuse)
16 CFR 1501	Small Parts cylinder
16 CFR 1610	Flammability of Clothing Textiles
ASTM D1059	Yarn Number Based on Short-Length Specimens
ASTM D1230	Standard Test Method for Flammability of Apparel Textiles
ASTM D1424	Tearing Strength of Fabrics by Falling-Pendulum Type (Elmendorf) Apparatus
ASTM D1683/D1683M	Failure in Sewn Seams of Woven Fabrics
ASTM D3512/D3512M	Standard Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Random Tumble Pilling Tester
ASTM D3775-17e1	End (Warp) and Pick (Filling) Count of Woven Fabrics
ASTM D3776/D3776M-20	Standard Test Method for Mass Per Unit Area (Weight) of Fabric
ASTM D3786/D3786M-18	Bursting Strength of Textile Fabrics – Diaphragm Bursting Strength Tester Method
ASTM D4966	Abrasion Resistance of Textile Fabrics (Martindale Abrasion Tester Method)

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ASTM D4970/D4970M-16e3	Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Martindale Tester
ASTM D5034-21	Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)
ASTM F963 Clause 4.6	Small Parts cylinder
ASTM F963 Clause 4.9, 4.7	Sharp points test & Sharp edges test
ASTM F963 Clause 8.8	Torque test (Use and abuse)
ASTM F963 Clause 8.9	Tension Test (Use and abuse)
BS 7907	Button Pull Test
BS EN 12127	Determination of Mass per Unit Area Using Small Samples
BS EN 17394-2	Textile and textile products, Part 2: Safety of Children's clothing – Security of attachment of buttons – Test Method
BS EN ISO 3759	Textile – Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change
BS EN ISO 5077	Textile – Determination of dimensional change in washing and drying
BS EN ISO12945-1	Determination of fabric propensity to surface pilling, fuzzing or matting – Part 1: Pilling box method
BS EN ISO 12945-2	Determination of fabric propensity to surface pilling, fuzzing or matting – Part 2: Modified Martindale method
BS EN ISO12947-2	Determination of the abrasion resistance of fabrics by the Martindale method – Part 2: Determination of specimen breakdown
BS EN ISO 13934-1	Tensile properties of fabrics – Part 1: Determination of maximum force and elongation at maximum force using the strip method
BS EN ISO 13934-2	Tensile properties of fabrics – Part 2: Determination of maximum force using the grab method
BS EN ISO 13935-1	Seam tensile properties of fabrics and made-up textile articles – Part 1: Determination of maximum force to seam rupture using the strip method
BS EN ISO 13935-2	Textile - Seam Tensile Properties of Fabrics and Made-Up Textile Articles – Part 2: Determination of Maximum Force to Seam Rupture Using the Grab Method
BS EN ISO 13936-1	Textile - Determination of the slippage resistance of yarns at a seam in woven fabrics – Part 1: Fixed seam opening method
BS EN ISO 13936-2	Determination of the slippage resistance of yarns at a seam in woven fabrics – Part 2: Fixed load method
BS EN ISO 13937-1	Textile - Tear properties of fabrics – Part 1: Determination of tear force using ballistic pendulum method (Elmendorf)
BS EN ISO 13938-2	Textile - Bursting properties of Fabrics – Part 2: Pneumatic method for determination of bursting strength and bursting distension
BS EN ISO 20932-1	Determination of the elasticity of fabrics – Part 1: Strip tests

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CAN CGSB-4.2 No.27.5	Textile Test Methods, Flame Resistance – 45° Angle Test – One-Second Flame Impingement
CEN/TS 17394-1	Textile and textile products, Part 1: Safety of Children's clothing – Security of attachment of attached components to infant's clothing - specification
CEN/TS 17394-3	Textile and textile products, Part 3: Safety of Children's clothing – Security of attachment of metal mechanically applied press fasteners – Test Method
EN 71	Button Pull Test
EN ISO 6330	Textile – Domestic washing and drying procedures for textile testing
EN ISO 12945-1	Determination of fabric propensity to surface pilling, fuzzing or matting – Part 1: Pilling box method
EN ISO 12947-2	Determination of the abrasion resistance of fabrics by the Martindale method – Part 2: Determination of specimen breakdown
EN ISO 13934-2	Tensile properties of fabrics – Part 2: Determination of maximum force using the grab method
EN ISO 13936-1	Textile - Determination of the slippage resistance of yarns at a seam in woven fabrics – Part 1: Fixed seam opening method
EN ISO 13937-1	Tear properties of fabrics – Part 1: Determination of tear force using ballistic pendulum method (Elmendorf)
EN ISO 13938-2	Textile - Bursting properties of fabrics – Part 2: Pneumatic method for determination of bursting strength and bursting distension
ISO 3801	Textiles – Woven Fabrics - Determination of mass per unit length and mass per unit area
ISO 7211-2	Determination of number of threads per unit length
ISO 7211-5	Methods for analysis of woven fabrics construction – Part 5: Determination of linear density of yarn removed from fabric
ISO 12945-1	Determination of fabric propensity to surface pilling, fuzzing or matting – Part 1: Pilling box method
ISO 12945-2	Determination of fabric propensity to surface pilling, fuzzing or matting – Part 2: Modified Martindale method
ISO 12947-2	Determination of the abrasion resistance of fabrics by the Martindale method – Part 2: Determination of specimen breakdown
ISO 13934-2	Tensile properties of fabrics – Part 2: Determination of maximum force using the grab method
ISO 13935-1	Seam tensile properties of fabrics and made-up textile articles – Part 1: Determination of maximum force to seam rupture using the strip method
ISO 13936-1	Textile - Determination of the slippage resistance of yarns at a seam in woven fabrics – Part 1: Fixed seam opening method
ISO 13937-1	Tear properties of fabrics – Part 1: Determination of tear force using ballistic pendulum method (Elmendorf)

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ISO13938-2	Textile - Bursting properties of fabrics – Part 2: Pneumatic method for determination of bursting strength and bursting distension
Garment and Apparel	
CEN/TS 17394-1	Pull Test Method
CEN/TS 17394-3	Pull Test Method
EN 17394-2	Pull Test Method