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SRI LANKA ACCREDITATION BOARD

 Valid from 13 May 2026

 to 12 May 2030

 Issued on 13 May 2026

As an accredited laboratory, this laboratory is entitled to use the following accreditation symbol.



ISO/ IEC 17025

TL 130-01

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories

 Sri Lanka Accreditation Board for Conformity Assessment

 Accreditation Number: TL 130-01

Eurofins Modern Testing Services Lanka (Pvt) Ltd

 Ground floor, No: 235/2, Hekitta Road

 Wattala – 11300, Sri Lanka

Scope of Accreditation: Performing Chemical testing and Mechanical testing on Fabrics and Garments as per following methods

The laboratory is accredited for the following tests.

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
Chemical Testing				
1.1	Fabrics and Garments	Color fastness to domestic and commercial laundering	BS EN ISO 105-C06: 2010 ISO 105-C06: 2010	Grade 1 to 5 ± 0.5 Grade
1.2		Color fastness to domestic and commercial laundering using a non-phosphate detergent incorporating a low temperature bleach activator	ISO 105-C08: 2010	Grade 1 to 5 ± 0.5 Grade
1.3		Color Fastness to laundering accelerated	AATCC 61:2020	Grade 1 to 5 ± 0.5 Grade
1.4		Color Fastness to Dry Cleaning using perchloroethylene	AATCC 132:2013 BS EN ISO 105-D01:2010 ISO 105-D01: 2010	Grade 1 to 5 ± 0.5 Grade
1.5		Color fastness to water	BS EN ISO 105-E01:2013 ISO 105-E01: 2013 AATCC 107: 2022	Grade 1 to 5 ± 0.5 Grade

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
1.6	Fabrics & Garments	Color fastness to Sea water	BS EN ISO 105-E02:2013 ISO 105-E02: 2013 AATCC 106:2025	Grade 1 to 5 ± 0.5 Grade
1.7		Color fastness to Perspiration	BS EN ISO 105-E04: 2013 ISO 105-E04:2013 AATCC 15: 2021	Grade 1 to 5 ± 0.5 Grade
1.8		Color Fastness to Rubbing (Crocking)	BS EN ISO 105:X12: 2016 ISO 105:X12: 2016 AATCC 8:2016 (2022)e	Grade 1 to 5 ± 0.5 Grade
1.9		Color Fastness to Rubbing (Rotary Crocking)	BS EN ISO 105:X16: 2016 ISO 105:X16: 2016 AATCC 116:2018e (2022)e	Grade 1 to 5 ± 0.5 Grade
1.10		Assessment of the potential to phenolic yellowing of materials	BS EN ISO 105:X18: 2007 ISO 105:X18: 2007	Grade 1 to 5 ± 0.5 Grade
1.11		Colorfastness: Dye Transfer in Storage; Fabric-to-Fabric	AATCC TM163:2013 (2020)	Grade 1 to 5 ± 0.5 Grade
1.12		Fiber Analysis: Qualitative	ISO 1833-8:2006 ISO 1833-1,3,12,18:2020 ISO 1833-4:2023 ISO 1833-7,11:2017 Eu No.1007/2011 AATCC 20:2021	Qualitative
1.13		Fiber Blend Analysis: Quantitative	ISO 1833-8:2006 ISO 1833-1,3,12,18:2020 ISO 1833-4:2023 ISO 1833-7,11:2017 Eu No.1007/2011 AATCC 20A-1,2,3,4,5,6,7:2025	2.0 % to 100 %
1.14		pH Value of Aqueous Extract	BS EN ISO 3071:2020 ISO 3071:2020 AATCC 81:2022	1 to 14
1.15		Dimensional change after washing for woven/Knitted fabrics & Garments	BS EN ISO 6330:2021 ISO 6330:2021 AATCC 135:2025 AATCC 150: 2025	-50 % to +50 %
1.16		Spirality after laundering for woven/knitted fabrics & garments	ISO 16322-1:2005 ISO 16322-2:2021 ISO 16322-3:2021	-50 % to +50 %
1.17		Skew change in fabric after home laundering	AATCC 179-2025	-50 % to +50 %
1.18		Smoothness Appearance of Fabrics after Repeated Home Laundering	AATCC 124:2018	Grade 1 to 5 ± 0.5 Grade
1.19		Appearance of Apparel and Other Textile end products after Repeated Home Laundering	BS EN ISO 15487:2018 ISO 15487:2018 AATCC 143:2018 AATCC 88C:2018	Grade 1 to 5 ± 0.5 Grade

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1.20	Fabrics & Garments	Smoothness appearance of seams in fabrics after cleansing	ISO 7770:2009 BS ISO 7768:2009 AATCC 88B:2018	Grade 1 to 5 ± 0.5 Grade
1.21		Formaldehyde Spot Test	AATCC 94:2020	Qualitative
1.22		Free & hydrolyzed Formaldehyde	ISO 14184-1:2011 BS EN ISO 14184-1:2011	1 mg/kg to 3500 mg/kg
1.23		Formaldehyde release from fabric	ISO 14184-2:2011 BS EN ISO 14184-2:2011 AATCC 112:2020	1 mg/kg to 3500 mg/kg
1.24		Multiple Wash Appearance Assessment of Garments	George IHTM 14	Grade 1 to 5 ± 0.5 Grade
1.25	Textile & Textile products / Toys and sports material / Plastics and other polymeric products / Prints / Zippers / Paints	Determination of Banned Aryl Amines (Azo dyes) in Textile O- Tolidine 2,4- Xylidine 2,6 –Xylidine 2- Methoxyaniline p-Chloroaniline p-Cresidine 2,4,5- Trimethylaniline 4- Chloro-o-Toludine 2,4- Touylenediamine 2,4- Diaminoanisole 2-Naphthylamine 2-Amino-4 nitrotoluene 4-aminoazobenzene 4-Aminodiphenyl 4,4- Oxydianiline Benzidine 4,4- Diaminodiphenylmethane O-aminoazotoluene 3,3-Dimethyl-4,4-diaminodiphenylmethane 3,3-Dimethylbenzidine 4,4-Thiodianiline 3,3-Dichlorobenzidine 4,4-Methylene-bis-(2-Chloroaniline) 3,3-Dimethoxybenzidine Aniline 1,4-phenylenediamine	ISO 14362-1:2017 EN ISO 14362-1:2017 BS EN ISO 14362-1:2017 DIN EN ISO 14362-1:2017-05 ISO 14362-3:2017 EN ISO 14362-3:2017 BS EN ISO 14362-3:2017 DIN EN ISO 14362-3:2017-05 ISO 17234-1:2020 EN ISO 17234-1:2020 BS EN ISO 17234-1:2020 DIN EN ISO 17234-1:2020 ISO 17234-2:2011 EN ISO 17234-2:2011 BS EN ISO 17234-2:2011 DIN EN ISO 17234-2:2011-06	5 – 100 ppm
1.26	Textile & Textile products / Toys and sports material / Plastics and other polymeric products / Prints / Zippers / Paints	Determination of Phthalates (a) Phthalates in Toys and Childcare Articles (b) Phthalates in childcare article as per EU Directives 2005/84/EC Di-iso-nonyl phthalate (DINP) (CAS 28553-12-0) Bis-(2-ethylhexyl) phthalate (DEHP) (CAS 117-81-7) Di-n-octyl phthalate (DNOP) (CAS 117-84-0) Di-iso-decyl phthalate (DIDP) (CAS 26761-40-0) Butyl benzyl phthalate (BBP) (CAS 85-68-7) Di-butyl phthalate (DBP) (CAS 84-74-2)	CPSC-CH-C1001-09.4:2018 ISO 14389:2022 EN ISO 14389:2022 BS EN ISO 14389:2022 DIN EN ISO 14389:2023-01	30- 1000 ppm

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1.26 contd	Textile & Textile products / Toys and sports material / Plastics and other polymeric products / Prints / Zippers / Paints	Determination of Phthalates Di-n Butyl phthalate Benzyl Butyl Phthalate Di -n-Octylphthalate Di- ethylhexylphthalate Di- iso decyl phthalate Di-n-hexyl phthalate Di iso butyl phthalate DiCyclohexylphthalate Di-Methoxyethylphthalate Di ethyl Phthalate Dimethyl phthalate Di-iso Nonyl Phthalate Di n propyl phthalate Di nonyl phthalate Di iso Octyl phthalate n-pentyl iso-pentyl phthalate Di-n-pentyl phthalate 1,2-benzenedicarboxylic acid, di-C6,8-branched alkyl esters, C7 rich Diundecyl phthalate	CPSC-CH-C1001-09.4:2018 ISO 14389:2022 EN ISO 14389:2022 BS EN ISO 14389:2022 DIN EN ISO 14389:2023-01	30- 1000 ppm
1.27	Leather and Leather accessories in Textile	Determination of Formaldehyde Content	ISO 17226-1:2021 EN ISO 17226-1:2021 BS EN ISO 17226-1:2021 DIN EN ISO 17226-1:2021 ISO 17226-2:2018 EN ISO 17226-2:2019 BS EN ISO 17226-2:2019 DIN EN ISO 17226-2:2019-04 ISO 17226-3:2011 EN ISO 17226-3:2011 BS EN ISO 17226-3:2011 DIN EN ISO 17226-3:2011-09	5 - 100 ppm
1.28	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Leather products/ Prints/ Zippers/ Paints	Determination of AP/APEO Octylphenoethoxylates (OPEO 2 to OPEO 16) 4-n nonylphenoethoxylates (NPEO 2 to NPEO 18) n-Octylphenol (OPs) tert-4-Octylphenol (t-4-OPs) 4-n-Nonylphenol (4-NPs) Nonyl phenol(Nps)	ISO 18254-1:2016 ISO 21084:2019	2 - 1000 ppm
1.29	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Leather products/ Prints/ Zippers/ Paints/ Other	PVC identification	Beilstein Test	NA

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1.30	Textile, Plastic, Coatings	Bisphenol A Bisphenol F Bisphenol B Bisphenol E Bisphenol S Bisphenol AF Bisphenol AP Bisphenol Z 4,4'-Isobutylethylidendiphenol	ISO 21135:2024 (Modified) ISO 11936:2023	0.05- 50 ppm
1.31	Textile & Textile Accessories/ Paints/ Jewelry	Total Lead in Non-Metal Determination of Lead in Paint and other Similar Surface Coating Determination of Total Lead in Children Metal products (Including children metal jewelry)	CPSC-CH-E1002-08.2:2012 CPSC-CH-E1003-09.1:2011 (With ref. ASTM E1613:2012, ASTM E1645:2021, ASTM F963:2023) CPSC-CH-E1001-08.3:2012 (With ref. EPA 3050B-1996, EPA 3051A-2007, EPA 3052-1996)	5 - 100 ppm
1.32		Screening Test for Nickel Release PD CEN Nickel Release	PD CEN/TR 12471:2022 CEN/TR 12471:2022 EN 12472:2020 BS EN 12472:2020 EN 1811:2023 DIN EN 1811:2023	NA 0.2 - 0.5 ug/cm ² /week
1.33	Metal Jewelry used in textile and leather products as embellishments and plastic	Extractability of Cadmium Total Cadmium Content	CPSC-CH-E1004-11:2011 EN 1122:2001 BS EN 1122:2001 DIN EN 1122:2002	1- 10000 ppm 1 - 1000 ppm
1.34	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Prints/ Zippers/ Paints/ Leather products	Total Lead Content in Surface Coating	CPSC-CH-E1003-09-2011 ASTM E1645 ASTM F963-23	10 - 10000 ppm
1.35		Total Lead & Cadmium Content Total Lead Content Lead & Cadmium Lead, Cadmium & Total Heavy Metals	CPSC-CH-E1001-08-3-2012 CPSC-CH-E1002-08-3-2012 16 CFR 1303 EPA 3051 A EPA 3050 B EPA 3052	10 -10000 ppm
1.36		Cadmium	EN 1122-2001	5-10000 ppm
1.37		Total heavy Metals	BS EN 16711-1: 2015	0.5 - 10000 ppm
1.38		Extractable Heavy Metals	BS EN 16711-2: 2015	0.5 - 10000 ppm
1.39		Migration of certain elements	EN 71 - 3	0.5 - 10000 ppm
Mechanical Testing				
2.1	Fabrics & Garments	Breaking Strength Grab Method	BS EN ISO 13934-2:2014/ ISO 13934-2:2014 ASTMD 5034:2021	50N-4500N (5 kgf -450 kgf)

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2.2	Fabrics & Garments	Tear Strength – Elmendorf type apparatus	BS EN ISO 13937-1:2000/ ISO 13937-1:2000 ASTM D 1424:2021	1.22 N to 108.8 N (0.124 kgf to 11.1 kgf)
2.3		Slippage resistance of Yarns in Woven fabric Fixed Seam Opening	BS EN ISO 13936-1:2004/ ISO 13936-1:2004	50N to 4500N (5 kgf to 450 kgf)
2.4		Slippage resistance of Yarns in Woven fabric Fixed load Method	BS EN ISO 13936-2:2004/ ISO 13936-2:2004	50N to 4500N (5 kgf to 450 kgf)
2.5		Failure in sewn seams	ASTM D 1683/D1683M-2022	50N to 4500N (5 kgf to 450 kgf)
2.6		Resistance to Slippage of yarns in woven fabric using standard seam	MTS-SL-IHTM 01 (Based on ASTM D 434-1995)	50N-4500N (5 kgf -450 kgf)
2.7		Determination of the Elasticity of Fabrics	BS EN ISO 20932-1:2020+A1:2021	0.01 to 25%
2.8		Stretch & Recovery	ASTM D 4964-96(2020)	0.01 to 300 %
2.9		Removal Force of Attached Components	PD CEN/TR 16792:2014 Annexure B	50N-4500N (5 kgf -450 kgf)
2.10		Fabric Propensity to surface fuzzing and to pilling – Pill box method	BS EN ISO 12945-1:2020 BS EN ISO 12945-4:2020 ISO 12945-1:2020 ISO 12945-4:2020	Grade 1 to 5 ±0.5 grade
2.11		Fabric Propensity to surface fuzzing and to pilling –Modified Martindale Method	BS EN ISO 12945-2:2020 BS EN ISO 12945-4:2020 ISO 12945-2 :2020 ISO 12945-4:2020	Grade 1 to 5 ±0.5 grade
2.12		Pilling Resistance- Random Tumble Pilling Method	ASTMD 3512/D3512M-2022)	Grade 1 to 5 ±0.5 grade
2.13		Fabric Weight (Mass Per Unit Area)	ISO 3801:1977 Option 5 BS EN 12127:1998 ASTM 3776/D3776M-2020 Option: C	20 gsm to 600 gsm (g/m ²)
2.14		Thread Per Unit Length Woven Fabric & Knitted Fabric	ISO 7211-2 :2024 ASTM D3775 -2017 (2023) MTS-SL-IHTM 02 (Based on ASTM D3887-96(2008))	80 to 800 threads/dm (20 to 200 threads/inch)
2.15		Abrasion Resistance of Fabrics (Martindale Method) Specimen Break Down	BS EN ISO 12947-1:1999/ ISO 12947-1:1998 BS EN ISO 12947-2:2016/ ISO 12947-2:2016 ASTM D 4966: 2016 Option 1	50-99999Rubs
2.16		Abrasion Resistance of Fabrics (Martindale Method) Testing Specimen Mass Loss)	BS EN ISO 12947-3:1999/ ISO 12947-3:1998 ASTM D 4966 :2016 Option 3	0.5 % to 50 %
2.17	Abrasion Resistance of Fabrics (Martindale Method) Color/ Appearance Change	BS EN ISO 12947-4:1999/ ISO 12947-4:1998 ASTM D 4966 :2016 Option 2	Grade 1 to 5 ±0.5 grade	

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2.18	Fabrics & Garments	Fabric Width and Length	ISO 22198: 2006 ASTMD 3774 -18 (2024)	10 cm to 200 cm
2.19		Bursting strength of Textile Fabrics Hydraulic Method	BS EN ISO 13938-1:2019 ISO 13938-1:2019 ASTM D3786M-18 (2023)	30 PSI – 180 PSI (107 kPa to 1240 kPa)
2.20		Flammability of Apparel Textiles	16 CFR 1610 :2018 ASTM D1230-2022	2 s to 100 s
2.21		Flame Resistance of Textiles (Vertical Test)	16 CFR 1615 :2000 ASTM D6413/D6413M:22	2 s to 100 s
2.22		Water Repellency: Spray Test	AATCC 22-2024 ISO 4920:2012	Rating 0 to 100 (ISO 0-5)
2.23		Water Resistance: Rain Test	ISO 22958:2021 AATCC 35:2018	0.01g to 10 g
2.24		Tension Test	ASTM F 963-23 (8.9) 16 CFR 1500.50-53 EN 71. Part 1:2018 (8.4)	Qualitative
2.25		Torque Test	ASTM F 963-23(8.8) 16 CFR 1500.50-53 EN 71. Part 1:2018 (8.3)	Qualitative
2.26		Sharp Point (Under Force of 1 Pound)	ASTM F 963-23(4.8) 16 CFR 1500.48 EN 71-Part 1:2018(8.12)	Qualitative
2.27		Sharp Edge (Under Force of 1.35 Pound)	ASTM F 963-17(4.7) 16 CFR 1500.49 EN 71 (Part 1):2018(8.11)	Qualitative
2.28		Small Parts test	16 CFR 1501.4, ASTM F 963-23 (4.6) EN 71, part1:2018 (8.2)	Qualitative
2.29		Holding Strength of Prong-Ring Attached Snap Fasteners	ASTM D7142-2021 Option 2	20 N to 300 N (2.0 kgf to 30 kgf)
2.30		Impact Resistance of Plastic Sew-Through Buttons	ASTM D 5171-15(2020)	Qualitative
2.31		Textiles – Burning behavior of children’s nightwear specification	EN 14878:2007	1s to 100s
2.32		Pneumatic method for determination of bursting strength and bursting distension	ISO 13938-2	200 -1000 Kpa

Acting Director / CEO

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