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to 09 April 2025  
Issued on 14 September 2022

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



**ISO/IEC 17025**  
**TL 031-03**

## Schedule of Accreditation

Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: TL 031-03

**Intertek Lanka (Pvt) Ltd**  
**“Intertek House”**  
**No. 282, Kaduwela Road**  
**Battaramulla.**

**Scope of Accreditation:** Performing Chemical & Mechanical Testing on Textile  
and Textile accessories.

The laboratory is accredited for the tests given in following pages.

SI	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
1.1	Textile & Textile accessories	Fibre Composition (Quantitative analysis)	ISO 1833-1: 2020 BS EN ISO 1833-1:2020 DIN EN ISO 1833-1:2020 EN ISO 1833-1:2020 GB/T2910.1:2009 Cor 2009 ISO 1833-2: 2020 BS EN ISO 1833-2:2020 DIN EN ISO 1833-2:2020 EN ISO 1833-2:2020 GB/T 2910.2:2009 ISO 1833-4: 2017 BS EN ISO 1833-4:2017 DIN EN ISO 1833-4:2017 EN ISO 1833-4:2017 GB/T 2910.4:2009 ISO 1833-5: 2006 BS EN ISO 1833-5:2010 DIN EN ISO 1833-5:2010 EN ISO 1833-5:2010 GB/T 2910.5:2009 ISO 1833-7: 2017, BS EN ISO 1833-7:2017 DIN EN ISO 1833-7:2017 EN ISO 1833-7:2017 GB/T 2910.7:2009 ISO 1833-11: 2017 BS EN ISO 1833-11:2017 DIN EN ISO 1833-11:2017 EN ISO 1833-11:2017 GB/T 2910.11:2009 ISO 1833-12: 2020 BS EN ISO 1833-12:2020 DIN EN ISO 1833-12:2021 EN ISO 1833-12:2020 GB/T2910.12:2009 ISO 1833-18 : 2020 BS EN ISO 1833-18:2020 DIN EN ISO 1833-18: 2021 EN ISO 1833-18:2020 GB/T2910.18:2009 AATCC TM 20 A: 2021	0- 100%
1.2		Fibre Composition (Qualitative analysis)	AATCC TM 20:2021	Qualitative
1.3		pH of aqueous extract	AATCC TM 81: 1996e2(2016) e	1-14
			ISO 3071: 2020 BS EN ISO 3071:2020 DIN EN ISO 3071:2020-05 EN ISO 3071:2020	
			GB/T7573:2009	

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1.4		Formaldehyde Content (Free and Released Formaldehyde)	ISO 14184- 1: 2011 BS EN ISO 14184-1:2011 DIN EN ISO 14184-1:2011-12 EN ISO 14184-1:2011  ISO 14184 Part 2: 2011 BS EN ISO 14184-2:2011 DIN EN ISO 14184-2:2011-12 EN ISO 14184-2:2011  JIS L1041-2011 GB/T- 2912.1-2009 AATCC TM 112:2020	16mg/kg to 3500 mg/kg
1.5	Textile & Textile Accessories/ Paints/ Jewellery	Total Lead in Non Metal (in Children products)	CPSC-CH-E-1002-08.2:2012	10 – 10000 mg/kg
1.6		Determination of Lead in Paint and other Similar Surface Coating	CPSC-CH-E1003-09.1:2011 with ref. ASTM E 1613: 2012 ASTM E 1645: 2020a ASTM F 963: 2017	10 – 10000 mg/kg
1.7		Determination of Total Lead in Children Metal products (Including children metal jewelry)	CPSC-CH-E 1001-08.3 :2012 with ref. EPA 3050B - 1996 EPA 3051A - 2007 EPA 3052- 1996	5 – 10000 mg/kg
1.8		DMFu	ISO 16186 : 2021 BS EN ISO 16186 : 2021 EN ISO 16186 : 2021	0.1 – 10 mg/kg
1.9		Chromium VI	ISO 17075-1 :2017 BS EN ISO 17075-1 :2017 DIN EN ISO 17075-1 :2017-05 EN ISO 17075-1 :2017	0.5 – 100 mg/kg
1.10	Textile & Textile accessories	Colour fastness to washing with soap or soap and soda	ISO 105 C10:2006 BS EN ISO 105-C10:2007 DIN EN ISO 105-C10:2007-06 EN ISO 105-C10:2007 GB/T-3921-2008	Grade:1-5
		Colour fastness to domestic and commercial laundering	ISO 105 C06:2010 (A1S to D2S) BS EN ISO 105-C06:2010(A1S to D2S) DIN EN ISO 105-C06:2010-08(A1S to D2S) EN ISO 105-C06:2010(A1S to D2S) AATCC TM 61:2013e(2020)	

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1.11		Color Fastness to Rubbing/ Crocking	ISO 105 x 12: 2016 BS EN ISO 105-X12:2016 DIN EN ISO 105-X12:2016-11 EN ISO 105-X12:2016 GB/T-3920-2008 AATCC TM 8: 2016e	Grade:1-5
1.12		Color Fastness to Perspiration	ISO 105 E04:2013 BS EN ISO 105-E04:2013 DIN EN ISO 105-E04:2013-08 EN ISO 105-E04:2013 GB/T-3922-2013 AATCC TM 15:2021	Grade:1-5
1.13		Color Fastness to light	ISO 105 B02 :2014 BS EN ISO 105-B02:2014 DIN EN ISO 105-B02:2014-11 EN ISO 105-B02:2014 GB/T 8427-2019 AATCC TM 16 opt 3: 2020	Grade:1-8 Grade:1-5
1.14		Color Fastness to water	ISO 105 E01 :2013 BS EN ISO 105-E01:2013 DIN EN ISO 105-E01:2013-06 EN ISO 105-E01:2013 GB/T 5713-2013 AATCC TM 107:2013e2	Grade:1-5
1.15		Color fastness to Sea Water	ISO 105 E02 :2013 BS EN ISO 105-E02:2013 DIN EN ISO 105-E02:2013-06 EN ISO 105-E02:2013 AATCC TM 106:2009e(2013)e3	Grade:1-5
1.16		Color fastness to Phenolic Yellowing	ISO 105 X18 :2007 BS EN ISO 105-X18:2007 DIN EN ISO 105-X18:2007-12 EN ISO 105-X18:2007	Grade:1-5

<b>Sl</b>	<b>Product(s) / Material of test</b>	<b>Specific tests performed</b>	<b>Test Method / Standard against which tests are performed</b>	<b>Range of testing/ Limits of detection</b>
1.17	Textile & Textile accessories	Colour fastness to artificial saliva & sweat	DIN 53160-1:2010	Grade:1-5
			GB/T 18886-2019	
			DIN 53160-2:2010	
1.18	Textile & Textile accessories	Color fastness to Dry Cleaning	ISO 105 D01:2010	Grade:1-5
			BS EN ISO 105-D01:2010	
			DIN EN ISO 105 D01:2010-10	
			EN ISO 105-D01:2010	
			GB/T 5711-2015	
			AATCC TM132: 2004 e3(2013) e3	
1.19	Textile & Textile Accessories/ Paints/ Jewellery/leather	Determination of Chlorophenols & O-phenylphenol in textile & leather with option for additional compounds (PCP) CAS no. 87-86-5, 2,3,4,5-Tetrachlorophenol (2,3,4,5-TeCP), CAS no.4901-51-3 2,3,4,6-Tetrachlorophenol (2,3,4,6-TeCP), CAS no. 58-90-2, 2,3,5,6-Tetrachlorophenol (2,3,5,6-TeCP), CAS no. 935-95-5, 2,3,6-Trichlorophenol (2,3,6-TCP), CAS no. 933-75-5, 2,4,6-Trichlorophenol (2,3,4-TCP), CAS no. 88-06-2, 2,3,5-Trichlorophenol (2,4,5-TCP), CAS no. 933-78-8, 3,4,5-Trichlorophenol (3,4,5-TCP), CAS no. 609-19-8, o-phenylphenol (OPP), CAS no. 90-43-7 2,4,5- Trichlorophenol (2,4,5-TCP), CAS no. 95-95-4, 2,3,4- Trichlorophenol (2,4,5-TCP) CAS no.15950-66-0	C035.TP: 2020 (Based on KOH inhouse method & 64LFGB B 80.02/8 2001-06 & ISO 17070:2015 & d.DIN 50009: 2019-04)	0.5 –100 mg/kg

SI	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
1.20	Textile & Textile Accessories/ Paints/Jewelry/leather	<p>Determination of certain azo colorants in leather</p> <p>O –Toluidine (95-53 - 4)</p> <p>2, 4 Xylidine (95 - 68 - 1)</p> <p>O Anisidine (90 -04 - 0)</p> <p>P- Chlorinelike (106 - 47 - 8)</p> <p>P - Kreidine (120 - 71 - 8)</p> <p>2, 4, 5 Trimethylaniline (137 - 17 - 7 )</p> <p>4 Chloro Toluidine ( 95 - 69 -2 )</p> <p>2, 4 Tolyenediamine ( 95 - 80 - 7 )</p> <p>2, 4 Diaminoanisoole (615 - 05 - 4 )</p> <p>2 Naphthalamine ( 91 - 59 - 8 )</p> <p>2 Aminonitro-4 Toluene ( 99 - 55 - 8 )</p> <p>4 Aminobiphenyl ( 92 - 67 - 1 )</p> <p>P-Aminoazobenzene ( 60 - 09 – 03)</p> <p>4, 4 Oxydianiline ( 101 - 80 - 4 )</p> <p>Benzidine ( 92 - 87 – 5)</p> <p>4, 4 Diaminodiphenylmethane ( 101 - 77 - 9 )</p> <p>O Amino azotoluene ( 97 - 56 - 3 )</p> <p>4, 4 Diamino -3,3 Dimethyl diphenyl amine (838 - 88 - 0 )</p> <p>3, 3 Dimethyl Benzidine (119-93-7)</p> <p>4, 4 Thiodianiline ( 139 - 65 - 1 )</p> <p>3, 3 Dichloro benzidine ( 91 - 94 - 1 )</p> <p>4, 4 Methylene -Bis-2 Chloraniline ( 101 - 14 - 4 )</p> <p>3, 3 Dimethoxy Benzidine (119-90-4)</p> <p>2, 6 Xylidine ( 87 - 62 - 7 )</p>	<p>BS EN ISO 14362 – 1: 2017 (Annex E)</p> <p>ISO 14362-1:2017</p> <p>DIN EN ISO 14362-1:2017-05</p> <p>EN ISO 14362-1:2017</p> <p>BVL B 82.02-2 :2017</p> <p>BVL B 82.-2 - 4 : 2019-02</p> <p>BS EN ISO 14362 – 3 - 2017(Annex E)</p> <p>ISO 14362-3:2017</p> <p>DIN EN ISO 14362-3:2017-05</p> <p>EN ISO 14362-3:2017</p> <p>GB/T 17592 : 2011</p> <p>GB/T 23344: 2009</p> <p>ISO 17234-1 :2020</p> <p>BS EN ISO 17234-1 :2020</p> <p>DIN EN ISO 17234-1 :2020</p> <p>EN ISO 17234-1 :2020</p> <p>BVL B 82.02-3 :2016-07</p> <p>ISO 17234 -2 : 2011</p> <p>BS EN ISO 17234-2:2011</p> <p>DIN EN ISO 17234-2:2011-06</p> <p>EN ISO 17234-2:2011</p> <p>BVL B 82.02-9 :2014-02</p>	2 – 300 mg/kg

SI	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
1.21	Textile, Leather and its Accessories	Determination of Formaldehyde Content	ISO 17226 -1:2021 BS EN ISO 17226-1:2021 DIN EN ISO 17226-1:2021 EN ISO 17226-1:2021 ISO 17226 -2:2018 BS EN ISO 17226-2:2019 DIN EN ISO 17226-2:2019-04 EN ISO 17226-2:2019 ISO 17226 -3:2011 BS EN ISO 17226-3:2011 DIN EN ISO 17226-3:2011-09 EN ISO 17226-3:2011 GB/T19941.1: 2019 GB/T19941.3: 2019	5 -1000 mg/kg
1.22	Textile , Leather and its Accessories	Determination of selected Organotin compounds Monobutyltin (MBT) Dibutyltin (DBT) Tributyltin (TBT) Tetrabutyltin (TTBT) Monobutyltin (MOT) Diocetyl tin (DOT) Triphenyltin (TPhT) Tricyclohexyltin(TCyT)	C007.TP-based on Reach Regulation 1907/2006 Annex XVII	0.05 – 20 mg/kg
1.23	Textiles , Leather, Plastic and Toy product	Determination of Phthalates (a)Phthalates in Toys and Childcare Articles (b) Phthalates in child care article as per EU Directives 2005/84/EC) Di-isononyl phthalate (DINP); CAS No. 28553-12-0 Di-(2-ethylhexyl)phthalate (DEHP); CAS No. 117-81-7 Di-n-octyl phthalate (DNOP); CAS No. 117-84-0 Di-iso-decyl phthalate (DIDP); CAS No. 26761-40-0 Butyl benzyl phthalate (BBP); CAS NO. 85-68-7 Di-butyl phthalate (DBP); CAS No. 84-72-2 Di-n-hexyl phthalates (DnHP) CAS No. 84-75-3 Tri-(2-chloroethyl) phosphate (TriCP) CAS No. 115-96-8 N-pentyl-isopentylphthalate (NPIPP) CAS No. 84777-06-0 Bis(2-methoxyethyl)phthalate (DMEP) CAS No. 117-82-8 Di-n-pentyl phthalate (DnPP) CAS No. 131-18-0 Di-iso pentyl phthalate (DIPP) CAS No. 605-50-5 Di-iso Butyl phthalate (DIBP) CAS No. 84-69-5	CPSC-CH-C1001-09.4:2018 BS EN ISO 14389:2014/Cor 1:2014 ISO 14389:2014 DIN EN ISO 14389:2014-10 EN ISO 14389:2014	50 – 10000 mg/kg

Sl	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limit of detection
1.24	Electro chemical product containing hazards chemicals, polymer & metal under ROHS regulation	Migration of Certain Elements Aluminum, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium(III), Cobalt, Copper, Lead, Manganese, Mercury, Nickel, Selenium, Tin, Zinc, Strontium, Chromium (VI), Organotin	BS EN 71 - 3: 2019+ A1:2021 EN 71-3:2019+A1:2021 CPSC-CH-E1004: 2011 ASTM F 963: 2017 BS EN 16711-2: 2015 EN 16711-2: 2015	0.5 – 10000 mg/kg
1.25	Metal Jewelry used in textile and leather product as embellishments and plastic	Extractability of Cadmium	CPSC-CH-E1004: 2011	2 –100000 mg/kg
1.26		Total Cadmium Content	BS EN 1122 : 2001 DIN EN 1122 :2002 EN 1122 : 2001	1 – 1000 mg/kg
1.27		Screening Test for Nickel Release	PDCR 12471 : 2022 CR 12471 :2002	Qualitative
1.28		Nickel Release	BS EN 12472:2020 EN 12472:2020 DIN EN 1811:2015 EN 1811:2011+A1:2015	Quantitative
1.29		Determination of alkylphenol ethoxylates (APEO).	ISO 18254-1:2016 BS EN ISO 18254-1:2016 DIN EN ISO 18254-1:2016-09 EN ISO 18254-1:2016	10-1000 ppm



Sl	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
2.1	Textile and Textile Accessories	Smoothness of seams in fabric after home laundering	AATCC TM 88B: 2018t	Grade:1-5
2.2		Retention of creases in fabric after home laundering	AATCC TM 88C: 2018t	Grade:1-5
2.3		Appearance of apparel and other textile products after home laundering	AATCC TM 143: 2018t	Grade:1-5
2.4		Skewness Change/ Spirality/ Torque	AATCC TM 179: 2019	-30% to 30%
2.5		Spirality after wash	ISO 16322-1:2005 BS ISO 16322-1:2005	0 to 50%
			ISO 16322-2:2021 BS ISO 16322-2:2021	
			ISO 16322-3:2021 BS ISO 16322-3:2021	
2.6	Dimensional stability to washing	BS EN ISO 6330:2021 ISO 6330:2021 DIN EN ISO 6330:2021 EN ISO 6330:2021	-30% to 30%	
		ISO 5077:2007 BS EN ISO 5077:2008 DIN EN ISO 5077:2008-04 EN ISO 5077:2008		
		ISO 3759:2011 BS EN ISO 3759:2011 DIN EN ISO 3759:2011-08 EN ISO 3759:2011		
		AATCC TM 135:2018t		
		AATCC TM 150:2018t		
2.7	Appearance of Fabric After Home Laundering	AATCC TM 124:2018t	Grade:1-5	

Sl	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
2.8		Tensile Strength Elongation -Strip Method -Grab Method	BS EN ISO 13934-1:2013 ISO 13934-1:2013 DIN EN ISO 13934-1:2013-08 EN ISO 13934-1:2013	20N-1KN  (4.4lbf-2247lbf)
			BS EN ISO 13934-2:2014 ISO 13934-2:2014 DIN EN ISO 13934-2:2014-06 EN ISO 13934-2:2014	Elongation  1%-200%
			ASTM D 5034:2021	
2.9		Tear Strength-Elmendorf	ASTM D 1424-2021	1.6 N-102N
			BS EN ISO 13937-1:2000 ISO 13937-1:2000/COR 1:2004 DIN EN ISO 13937-1:2000-06 EN ISO 13937-1: 2000	(0.35lbf-22.2lbf)
2.10		Tear Strength -Single Rip -Single Tear Method	ASTM D 2261:13(2017) e1	20N- 1KN  (4.4lbf-2247lbf)
2.11		Bursting Strength - Hydraulic - Diaphragm Bursting	ASTM D 3786/D3786M:2018  ISO 13938-2:2019 BS EN ISO 13938-2:2019 DIN EN ISO 13938-2:2020-02 EN ISO 13938-2:2019	144 to 1034.0KPa  14 to 103.4 N/cm <sup>2</sup>
2.12		Seam Tensile properties of fabrics Sewn Seam Strength in woven fabric	ISO 13935-2:2014 BS EN ISO 13935-2:2014 DIN EN ISO 13935-2:2014-07 EN ISO 13935-2:2014 ASTM D 1683/D1683M:17(2018)	20N- 1KN  (4.4lbf-2247lbf)
2.13		Seam Slippage -seam method -Fixed seam opening method -fixed load method	ASTM D 1683/D1683M:17(2018)	20N- 1KN (4.4lbf-2247lbf)
			ISO 13936-1:2004 BS EN ISO 13936-1:2004 DIN EN ISO 13936-1:2004-07 EN ISO 13936-1:2004	0.01cm to 5.0cm
			ISO 13936-2:2004 BS EN ISO 13936-2:2004 DIN EN ISO 13936-2:2004-07 EN ISO 13936-2:2004	

Sl	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
2.14		Warp end count and filling pick count of woven fabric	ASTM D 3775:2017 e1	2-80 threads per cm (5-200 threads per Inch)
2.15		Fabric weight per Unit Area per running Yardage	ASTM D 3776/D 3776M :2020 BS EN 12127:1998 EN 12127:1997 DIN EN 12127:1997-12	10 to 1000 G/M <sup>2</sup>
2.16		Flammability of general Clothing Textiles	CPSC CFR16 part 1610:2008	Class 1 to 3
2.17		Abrasion Resistance Martindale Abrasion	BS EN ISO 12947 -1:1998 ISO 12947-1:1998/Cor 1:2002 DIN EN ISO 12947-1:2007 EN ISO 12947-1:1998+AC 2006-1:1998	10 to 100000 Cycles  Grade 1-5 10 to 100000 Cycles
		Flexing and Abrasion	ISO 12947-2:2016 BS EN ISO 12947-2:2016 DIN EN ISO 12947-2:2017-02 EN ISO 12947-2:2016	
			ASTM D 4966-12(2016)	
			ASTM D 3885-07a(2019)e1	
2.18		Pilling Resistance -Pilling Box Method -Martindale Tester	ISO 12945-1:2020	Grade 1-5
			ASTM D 4970/D4970 M:16e3	
			ISO 12945-2:2020	
2.19	-Random Tumble Pilling -Elastomeric Pad	ASTM D 3512/D3512M:2016 ASTM D 3514/ D3514 M:16(2020)	Grade 1-5	
2.20	Width of textile fabric	ASTM D 3774:2018	1-200 cm	
2.21	Stretch & Recovery Woven fabrics	ASTM D 3107:07(2019)	Stretch up to 100% Recovery up to 90% growth up to 20%	
2.22	Stretch & Recovery Knitted fabrics	ASTM D 2594:2021	Stretch up to 50% Recovery up to 90% growth up to 20%	
2.23	Residual Elongation & Extension	ISO 20932-1:2018+A1:2021 BS EN ISO 20932-1:2020+A1:2021 DIN EN ISO 20932-1:2020-05 EN ISO 20932-1:2020	Stretch up to 50% Recovery up to 90% growth up to 20%	

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2.24	Textile and Textile Accessories Removal Force of components attached	Snagging Resistance	BS 8479:2008	Grade 1-5
2.25		Sharp Edge	CPSC 16 CFR 1500.49-2012 BSEN 71 -1:2014+A1:2018 Clause 4.7 EN 71- 1:2014+A1:2018 Clause 4.7	Qualitative
2.26		Sharp Point	CPSC 16 CFR 1500.48-2011 BS EN 71 -1:2014+A1:2018 Clause 4.8 EN 71- 1:2014+A1:2018 Clause 4.8	Qualitative
2.27		Small parts (Choking Hazard Test )	CPSC 16 CFR 1501-2016 BS EN 71 Part 1:2014 +A1:2018 Clause 8.2, Clause 8.4 EN 71-1:2014 +A1:2018 Clause 8.2, Clause 8.4	Qualitative
2.28		Strength test for Zippers	PD CEN/TR 16792-2014-Annex B ASTM D 2061-07(2021)	20N-1KN
2.29		Burning Behavior of Children Nightwear	BS EN 1103:2005/ EN 1103:2005 with ref  ISO 6941:2003 BS EN ISO 6941:2003 DIN EN ISO 6941:2004-05 EN ISO 6941:2003  BS EN 14878:2007 DIN EN 14878:2007-08 EN 14878:2007	Not less than 1s
2.30		Flammability performance of fabrics and fabric assemblies used in sleepwear and dressing gowns	BS 5438:1976 / BS 5651:1978 (BS 5722:1984)	Not less than 1s
2.31		Flammability of Children's sleepwear	16 CFR Parts 1615 and 1616 and CPSC Laboratory Test Manual 2010	0.1 – 10 inches

Director /CEO  
Sri Lanka Accreditation Board for Conformity Assessment