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



ISO/ IEC 17025
TL 028- 01

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: TL 028 – 01

Testing Laboratory
Melbourne Textile Washing Plant (Pvt) Ltd.
No.809/4, Bangalawatte Road
Mabola, Wattala

Scope of Accreditation: Performing Chemical and Mechanical Testing on Textile and Textile Related Products as per the Test Methods appearing in this schedule.

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	Uncertainty (\pm)
Chemical Testing					
01	Textile & Related Products	Colour fastness to crocking	AATCC 08 - 2007	1 – 5 Grade/ 0.5 Grade	-
02		Colour fastness to rubbing	BS EN ISO 105-X12 : 2002	1 – 5 Grade/ 0.5 Grade	-
03		Colour fastness to water	AATCC 107 – 2009	1 – 5 Grade/ 0.5 Grade	-
		Colour fastness to water	BS EN ISO 105-E 01: 1996		
04		Colour fastness to laundering, home and commercial accelerated	AATCC 61 – 2009	1 – 5 Grade/ 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	Uncertainty (±)
05	Textile & Related Products	Colour fastness to domestic & commercial laundering	BS EN ISO 105-C 06: 2010	1 – 5 Grade/ 0.5 Grade	-
06		Colour fastness to artificial light: xenon arc fading lamp test	BS EN ISO 105–B02 : 1999	Blue wool standard 1 – 8	-
07		Colour fastness to light	AATCC 16 – 2004 Option 3	1 – 5 Grade/ 0.5 Grade	-
08		Colour fastness to sea water	AATCC 106 - 2009 BS EN ISO 105-E02 : 1996	1 – 5 Grade/ 0.5 Grade	-
09		Colour fastness to perspiration	BS EN ISO 105-E04 : 2009 AATCC 15 - 2009	1 – 5 Grade/ 0.5 Grade	-
10		pH of the water – extract from the wet processed textiles	AATCC 81-2006	1 to 14	0.1
11		Domestic washing & drying procedures for textile testing	BS EN ISO 6330: 2001 ISO 5077: 2008 BS EN ISO 3759: 2008	Maximum Permissible	0.1 (%)
12		Dimensional changes of fabrics after home laundering.	AATCC 135 : 2004	-20% to +10% / 0.5%	-
13		Dimensional changes of garments after home laundering	AATCC 150 : 2003	Maximum Permissible	0.2 (%)

SI NO.	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection	Uncertainty (\pm)
14	Textile & Related Products	Skewness change in fabric & garment twist resulting from automatic home laundering	AATCC 179 : 2004	Maximum Permissible	0.1(%)
15		Appearance of fabrics after repeated home laundering	AATCC 124: 2009	1 – 5 Grade / 0.5 Grade	-
16		Appearance of apparel & other textile end products after repeated home laundering	AATCC 143: 2006	1 – 5 Grade / 0.5 Grade	-
17		Water repellency; spray test	AATCC 22 : 2005	0 – 100 Grade	-

Mechanical Testing

18	Textile & Related Products	Mass per unit area of fabric	ASTM D 3776 : 2009 Option C & D	Up to 1000 g/m ²	1.5 g/m ²
19		Warp(End) and Filling (Pick) count of woven fabrics	ASTM D 3775 : 2008	Up to 180 Ends/picks per inch	-
20		Determination of maximum force to seam rupture using the grab method (seam strength)	BS EN ISO 13935-2: 1999	0 to 3000N/ 0.01N	6 N
21		Failure in sewn seams of woven apparel fabrics	ASTM D1683 : 2007	0 to 600N/ 0.01N	0.5 N
22		Determination of slippage resistance of yarns at a seam in woven fabrics- fixed seam opening method	BS EN ISO 13936-1: 2004	0 to 600N/ 0.01N	4 N
23		Determination of slippage resistance of yarns at a seam in woven fabrics- fixed load method	BS EN ISO 13936-2: 2004	0 to 600N/ 0.01N	0.5 mm

SI NO.	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection	Uncertainty (±)
24	Textile & Related Products	Breaking strength of textile fabrics (grab test)	ASTM D 5034 : 2009	0 to 3000N/ 0.01N	3 N
25		Determination of maximum force & using strip method	BS EN ISO 13934-1: 1999	0 to 3000N/ 0.01N	6 N
26		Tensile properties of fabrics: part 2- determination of maximum force using the grab method	BS EN ISO 13934-2: 1999	0 to 3000N/ 0.01N	3 N
27		Pilling resistance and other related surface changes of textile fabrics. Random tumble pilling tester	ASTM D 3512: 2007	1 – 5 Grade/ 0.5 Grade	-
28		Determination of fabrics propensity to surface fusing & to pilling- part1: pilling box method	BS EN ISO 12945 -1 :2001	1 – 5 Grade/ 0.5 Grade	-
29		Tearing strength of fabrics by falling-Pendulum (Elmendorf-Type) apparatus	ASTM D 1424: 2009	0 to 64N /0.01N	0.7 N
30		Determination of tear force using ballistic pendulum method (Elmendorf)	BS EN ISO 13937-1: 2000	0 to 64N/ 0.01N	0.5 N
31		Determination of abrasion resistance of fabrics by the martindale method: part 1: Martindale abrasion testing apparatus part 2: Determination of specimen breakdown	BS EN ISO 12947-1: 1998 BS EN ISO 12947-2: 1998	1 – 5 Grade/ 0.5 grade	-
32		Bursting properties of fabrics-pneumatic method	BS EN ISO 13938-2: 1999	1 – 1000 kpa 0.1 kpa	16 kpa