



Bangladesh Accreditation Board (BAB)

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Certificate of Accreditation

This is to certify that

Textile Testing Services Ltd.

Nayapara, Kashimpur

Gazipur, Bangladesh

has been granted accreditation in respect of the scope of accreditation described in the attached document, subject to the terms and conditions governing the relevant Conformity Assessment Body (CAB) accreditation

This Testing Laboratory having met the requirements of ISO/IEC 17025:2005 and the BAB, is accredited for Textile Testing as described in the associated Scope of Accreditation.



Certificate Number : 01.007.13

Issued on : 07 September 2015

Accreditation Date : 28 July 2013

Valid until : 27 July 2018

Director General

Bangladesh Accreditation Board (BAB)

This certificate has been issued under the authority of Bangladesh Accreditation Act, 2006 and must be returned on request; reproduction must follow guidelines in place at date of issue. For the specific scopes to which this accreditation applies, please refer to the directory of accredited CABs at <http://www.bab.org.bd/directory-of-accredited-cabs>

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: Textile Testing Services Ltd. Nayapara,
Kashimpur, Gazipur, Bangladesh

Accreditation Standard: ISO/IEC 17025:2005
Certificate Number: 01.007.13
Last Amended on: 13 Nov 2016
Amendment no:

Accreditation Date: 28 July 2013
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S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
Field: Mechanical Testing				
01.	Fabric / Garment	Domestic Washing and Drying procedures for Textile Testing.	ISO 6330 : 2012 ISO 3759 : 2011 ISO 5077 : 2007	-40% to +40%
02.	Fabric / Garment	Test Method for Mass per unit area.	ASTM D3776 : 2013 Option C ISO 3801 : 1977 EN 12127 : 1998	20 to 1000 GSM
03.	Fabric / Garment	Determination of number of Threads.	ISO 7211-2 : 1984	Threads per inch 10 to 250
04.	Fabric / Garment	Woven Fabrics – Construction – Method of Analysis – Part 5: Determination of Linear Density of Yarn removed from Fabric.	ISO 7211-5 : 1984 ASTM D1059 : 2001	5 Tex to 120 Tex (5 Ne to 120 Ne)
05.	Fabric / Garment	Determination of fabric propensity to surface fuzzing and to pilling – Part 1: Pilling Box Method.	ISO 12945-1 : 2000	Grade : 1 to 5
06.	Fabric / Garment	Determination of fabric propensity to surface fuzzing and to pilling – Part 2: Modified Martindale Method.	ISO 12945-2 : 2000	Grade : 1 to 5
07.	Fabric / Garment	Bursting properties of fabrics—Part 2 – Pneumatic Method for determination of bursting strength and bursting distension.	ISO 13938-2 : 1999	kPa 50 to 1000
08.	Fabric / Garment	Test Method for Breaking strength and Elongation of Textile Fabric (GrabTest).	ASTM D5034 : 2013 ISO 13934-2 : 2014	60 N to 3000 N Up to 60% (Elongation)



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09.	Fabric / Garment	Test Method for Breaking strength and Elongation of Textile Fabric (StripTest).	ASTM D5035 : 2015 ISO 13934-1 : 2013	60 N to 3000 N Up to 60% (Elongation)
10.	Fabric / Garment	Determination of spirality after laundering – Part -2 Woven and Knitted fabrics.	ISO 16322 – 2 : 2007	0 to 50%
11.	Fabric / Garment	Determination of Elasticity of Fabrics.	BS EN 14704-1 : 2005	0 % to 200%
12.	Fabric / Garment	Tear properties of fabrics Part – 2 Determination of tear force of trouser – shaped test specimen (single Tear method).	ISO 13937 – 2 : 2000	60 N to 3000 N
Field: Chemical Testing				
01.	Fabric / Garment	Color fastness to Domestic and Commercial Laundering.	ISO 105 C06 : 2010	Grade : 1 to 5
02.	Fabric / Garment	Color fastness to Crocking.	ISO 105 X12 : 2016	Grade : 1 to 5
03.	Fabric / Garment	Color fastness to Water.	ISO 105 E01 : 2013	Grade : 1 to 5
04.	Fabric / Garment	Color fastness to Perspiration.	ISO 105 E04 : 2013	Grade : 1 to 5
05.	Fabric / Garment	Determination of the Colorfastness of articles for common use - Part 1: Test with artificial saliva.	DIN 53160 – 1 : 2010	Grade : 1 to 5

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06.	Fabric / Garment	Determination of the Colorfastness of articles for common use - Part 2 : Test with artificial Sweat.	DIN 53160 – 2 : 2010	Grade : 1 to 5
07.	Fabric / Garment	Tests for Color fastness - Part E02: Color fastness to Water: Sea.	ISO 105 E02 : 2013	Grade : 1 to 5
08.	Fabric / Garment	Tests for Color fastness - Part B02: Color fastness to Artificial Light: Xenon Arc Fading Lamp Test.	ISO 105 B02 : 2014	Grade : 1 to 5
09.	Fabric / Garment	Determination of pH of Aqueous Extract.	ISO 3071 : 2005	1 to 14
10.	Fabric / Garment	pH of the water extract from wet processed textiles.	AATCC 81 : 2012	1 to 14
11.	Fabric / Garment	Fibre Analysis	ISO 1833-1 : 2006 ISO 1833-2 : 2006 ISO 1833-4 : 2006 ISO 1833-5 : 2006 ISO 1833-7 : 2006 ISO 1833-11 : 2006 ISO 1833-20 : 2009	Up to 100%
12.	Fabric / Garment	Fibre Analysis	AATCC 20 : 2014 AATCC 20 A : 2014	Up to 100%
13.	Fabric / Garment	Fibre Analysis	EU Regulation No 1007 : 2011	Up to 100%
14.	Fabric / Garment	Assessment of the potential to Phenolic Yellowing of material.	ISO 105 X 18 : 2007	Grade : 1 to 5

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15.	Fabric / Garment	Determination of Formaldehyde - 1 Free and Hydrolyzed Formaldehyde (Water Extraction method).	ISO 14184 – 1 : 2011	(0 – 300) PPM
16.	Fabric / Garment	Determination of Formaldehyde - 2 Released Formaldehyde (Vapor Extraction method).	ISO 14184 – 2 : 2011	(0 – 300) PPM

END



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