



Bangladesh Accreditation Board (BAB)

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Email: info@bab.org.bd Web: www.bab.org.bd

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 November 2018

Accreditation Date : 28 July 2013

Valid until : 27 July 2021

**Md. Monwarul Islam
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

CAB Name & Address: Textile Testing Services Ltd. (1st Floor of Hamza Textiles Limited)
Nayapara, Kashimpur
Gazipur, Bangladesh.

Accreditation Standard: ISO/IEC 17025:2005
Certificate Number: 01.007.13
Last Amended on: -

Accreditation Date: 28 Jul 2013
Issued on: 07 Nov 2018
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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: Chemical Testing (Textile)				
01.	Fabric / Garment	Textiles – Tests for Color fastness to Domestic and Commercial Laundering.	ISO 105 C06 : 2010	Grade : 1 to 5
02.	Fabric / Garment	Textiles – Tests for Color fastness – Color fastness to Crocking.	ISO 105 X12 : 2016	Grade : 1 to 5
03.	Fabric / Garment	Textiles – Tests for Color fastness – Part E01 : Color fastness to Water.	ISO 105 E01 : 2013	Grade : 1 to 5
04.	Fabric / Garment	Textiles – Tests for Color fastness – Part E04 : 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
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	Textiles - Tests for Color fastness - Part E02: Color fastness to Water : Sea.	ISO 105 E02 : 2013	Grade : 1 to 5
08.	Fabric / Garment	Textiles - 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	Textiles - Determination of pH of Aqueous Extract.	ISO 3071 : 2006	1 to 14
10.	Fabric / Garment	pH of the water extract from wet processed textiles.	AATCC 81 : 2016	1 to 14


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11.	Fabric / Garment	Textiles Binary fiber – mixtures Quantitative chemical Analysis.	ISO 1833-1 : 2006 ISO 1833-2 : 2006 ISO 1833-4 : 2006 ISO 1833-5 : 2006 ISO 1833-7 : 2017 ISO 1833-11 : 2017 ISO 1833-20 : 2009	Up to 100%
12.	Fabric / Garment	Fibre analysis : Qualitative. Fibre analysis : Quantitative.	AATCC 20 : 2013 AATCC 20 A : 2017	Up to 100%
13.	Fabric / Garment	Fibre analysis : Quantitative.	EU Regulation No 1007 : 2011	Up to 100%
14.	Fabric / Garment	Textiles- Tests for colorfastness Part X18 : Assessment of the potential to Phenolic Yellowing of material.	ISO 105 X 18 : 2007	Grade : 1 to 5
15.	Fabric / Garment	Textile determination of Formaldehyde - 1 Free and Hydrolyzed Formaldehyde (Water Extraction method).	ISO 14184 – 1 : 2011	(0 – 300) PPM
16.	Fabric / Garment	Textile determination of Formaldehyde - 2 Released Formaldehyde (Vapor Extraction method).	ISO 14184 – 2 : 2011	(0 – 300) PPM
17.	Fabric / Garment	Colorfastness to Laundering, : Accelerated.	AATCC 61 : 2013	Grade : 1 to 5
18.	Fabric / Garment	Colorfastness to Water.	AATCC 107 : 2013	Grade : 1 to 5
19.	Fabric / Garment	Colorfastness to Perspiration.	AATCC 15 : 2013	Grade : 1 to 5
20.	Fabric / Garment	Colorfastness to Crocking : Crockmeter Method.	AATCC 8 : 2016	Grade : 1 to 5
21.	Fabric / Garment	Colorfastness to Water : Sea.	AATCC 106 : 2013	Grade : 1 to 5


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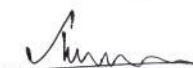
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Field: Mechanical Testing (Textile)				
22.	Fabric / Garment	Textiles – Domestic Washing and Drying procedures for Textile Testing.	ISO 6330 : 2012 ISO 3759 : 2011 ISO 5077 : 2007	-40% to +40%
23.	Fabric / Garment	Standard Test Method for Mass per unit area.	ASTM D3776 : 2017 Option C ISO 3801 : 1977 EN 12127 : 1998	20 to 1000 GSM
24.	Fabric / Garment	Determination of number of Threads.	ISO 7211-2 : 1984	Threads per inch 10 to 250
25.	Fabric / Garment	Textiles – Woven Fabrics – Construction –Method of Analysis – Part 5. Determination of Linear Density of Yarn removed from Fabric.	ISO 7211-5 : 1984 ASTM D1059 : 2017	5 Tex to 120 Tex (5 Ne to 120 Ne)
26.	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
27.	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
28.	Fabric / Garment	Textiles – Bursting properties of fabrics—Part 2 – Pneumatic Method for determination of bursting strength and bursting distension.	ISO 13938-2 : 1999	kPa 50 to 800
29.	Fabric / Garment	Standard Test Method for Breaking strength and Elongation of Textile Fabric (Grab Test).	ASTM D5034 : 2017 ISO 13934-2 : 2014	60 N to 3000 N Up to 60% (Elongation)
30.	Fabric / Garment	Standard Test Method for Breaking strength and Elongation of Textile Fabric (Strip Test).	ASTM D5035 : 2015 ISO 13934-1 : 2013	60 N to 3000 N Up to 60% (Elongation)


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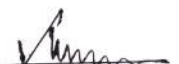
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31.	Fabric / Garment	Textiles – Determination of spirality after laundering – Part -2 Woven and Knitted fabrics.	ISO 16322 – 2 : 2007	0 to 50%
32.	Fabric / Garment	Determination of Elasticity of Fabrics.	BS EN 14704-1 : 2005	0 % to 200 %
33.	Fabric / Garment	Textile – 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
34.	Fabric / Garment	Standard Test Method for Pilling Resistance and Other Related Surface Change of Textile Fabrics : Random Tumble Pilling Tester ¹ .	ASTM D3512 : 2016	Grade : 1 to 5
35.	Fabric / Garment	Dimensional Changes of Fabrics after Home Laundering	AATCC 135 : 2018	-40% to +40%
36.	Fabric / Garment	Dimensional Changes of Garments after Home Laundering.	AATCC 150 : 2018	-40% to +40%
37.	Fabric / Garment	Skewness Change in Fabric and Garment Twist Resulting from Automatic Home Laundering.	AATCC 179 : 2017	0 to 50%
38.	Fabric / Garment	Standard Specification for tolerance for Knitted Fabrics ¹	ASTM D3887 : 2008	Course/Wales : 40 to 1000 Per dm (10 to 250 per inch)
39.	Fabric / Garment	British Standard Methods of test for Knitted Fabrics	BS 5441 : 1988	Course/Wales : 40 to 1000 Per dm (10 to 250 per inch)
40.	Fabric / Garment	Standard Test Method for Impact Resistance of Plastic Sew - Through Buttons ¹ .	ASTM D5171 : 2015	Load : 840 g (29.5 Ozs)

END


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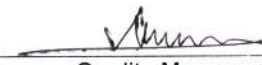
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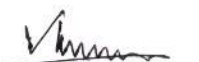
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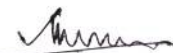
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