



Bangladesh Accreditation Board (BAB)

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Certificate of Accreditation

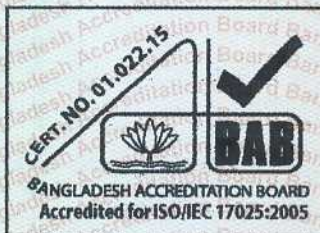
This is to certify that

TÜV SÜD Bangladesh (Pvt.) Ltd.

**Level 7 & 8, Update Tower, 01 Shajalal Avenue
Sector-6, Uttara Model Town, Dhaka, 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 : 01.022.15

Issued on : 16 April 2015

Accreditation Date : 16 April 2015

Valid until : 15 April 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: TÜV SÜD Bangladesh Pvt. Ltd., Update Tower, Level 7 & 8, 01 Shajalal Avenue, Sector -06, Uttara Model Town, Dhaka - 1230, Bangladesh

Accreditation Standard: ISO/IEC 17025:2005 **Accreditation Date:** 16 April 2015

Certificate Number: 01.022.15 **Issued on:** 16 April 2015

Last Amended on: 01.06.17 **Valid until:** 15 April 2018

Amendment no: 01

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	Textile, Yarn	Tensile Properties of Yarns Single-Strand Method	ASTM D 2256/ D 2256M – 10e1 (reapproved 2015) ISO 2062 : 2009	1N – 500 N
02	Leather	Tensile and elongation at break	ISO 3376:2011	10N to 3000 N
03	Textile, Garments	Breaking Strength and Elongation (Grab Test)	ASTM D 5034 : (2013) ISO 13934-2 : 2014 CAN/CGSB 4.2 No. 9.2 -M90 (R2013) AS 2001.2.3.2 : 2001	10N to 3000 N 0- 200%
		Breaking Force and Elongation (Strip Method)	ASTM D 5035:11 (reapproved 2015) ISO/ BS EN ISO 13934-1 :2013 CAN/CGSB 4.2 No. 9.1-M 90: 2013 AS 2001.2.3.1 : 2001	10N to 3000 N 0- 200%
04	Textile, Garments	Bursting strength –Diaphragm	ASTM D 3786/D 3786M-13	200-700 KPa
		–Pneumatic	ISO 13938-1 :1999 ISO 13938-2 :1999 CAN/CGSB 4.2No.11.1: 94 (R2013) ASTM D 3787-16	10N 1000N
		–Ball Burst		
05	Textile, Garments	Seam Properties – Seam Strength – Seam Slippage	ISO 13935 Part I - 2014	2.5N to 3000 N 0 - 80% Up to 10mm
			ISO 13935 Part II -2014	
			ASTM D 434-1995	
			ASTM D1683 / D1683M – 11a	
			ISO 13936 Part I - 2004	
			ISO 13936 Part II- 2004	
BS 3320 - 1988				
AS 2001.2.22: 2006				
AS 2001.2.20: 2004				
AS 2001.2.21: 1989				
06	Textile, Garments	Seam Stretchability test	TS 015	10N to 3000 N 0- 200%
07	Textile, Garments	Tearing strength of Fabrics (Elmendorf)	ASTM D 1424 – 09 (2013)e1 ISO 13937-1 :2000/Cor 1:2004	3 N – 50 N (320gf–5120 gf)
		Tearing strength of Fabrics (Single Rip)	ASTM D 2261 -13 BS 4303 – 1968 ISO 13937-2 : 2000 ISO 13937-3 : 2000	3 N – 50 N (320gf–5120 gf)
		Tearing strength of Fabrics (Double tear)	ISO 13937-4 : 2000	3 N – 50 N (320gf–5120 gf)
08	Leather	Tearing strength	ISO 3377-1:2011	10N to 3000 N


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			EN 13571:2002	
09	Textile, Garments	Abrasion resistance (Martindale)	ISO 12947 – 1 & 2: 1998/ Cor.1 2002 ISO 12947 – 3 : 1998/ Cor.1 2002 ISO 12947 –4 : 1998/ Cor.1 2002 ASTM D 4966: 12e1.	Up to 99999 rubs for breakdown Up to 30% for weight loss 1 to 5 Grade
10	Textile, Garments	Pilling Resistance -Pilling Box Method -Martindale Method -Random Tumble Method	ISO 12945-1 : 2000 ISO 12945-2 : 2000 ASTM D 4970 / D 4970M-16 ASTM D 3512 /D 3512 M-16	1 to 5 Grade
11	Textile, Garments	Yarn number based on short length specimens	ASTM D 1059 – 01 ISO 7211/5 – 1984	1s – 120s Ne
12	Textile, Garments	Mass per unit area & unit length of Fabric	BS 2471-2005 ASTM D 3776/ D 3776 M – 09a(2013) Option – C ISO 3801 - Method 5:1977 BS EN 12127 – 1998 DIN EN 12127 – 1997 AS 2001. 2.13-1987	5 GSM – 500 GSM Full range : GUL
13	Textile, Garments	Threads per Unit Length /Fabric count(Stitch density)	BS 2862 -1984 ASTM D 3775 – 12 BS EN 1049 – 2 : 1994 (DIN) ISO 7211/2 – 1984 ASTM D 3887 – 96 (2008) BS 5441 – 1988	1 to 100 per cm
14	Textile, Garments	Fabric width	ISO 22198:2006 ASTM D3774 – 96 (reapproved 2016)	1- 300 cm
15	Zipper & Toys	Strength Tests for Zippers	BS 3084 – 2006 ASTM D 2061 – 07 (2013) 16 CFR 1500.53 DIN 3419-1 : 1998 AS 2332 – 2003	1kgf – 300 kgf (9.81 N to 2942 N)
16	Textile, Garments	Test for resistance to reciprocation	BS 3084-2006 (Annex F) AS 2332:2003(Annex E, Test 5)	Up to 99999 cycles
17	Textile, Garments	Resistance to Unsnapping of snap fasteners	ASTM D4846 - 96(2011)	1 kgf – 60 kgf (9.81 N to 590 N)
18	Textile, Garments	Stretch and Recovery / Tension and Elongation of Elastic Fabrics	BS EN /DIN EN/EN 14704-1 – 2005. ASTM D 4964-96 (reapproved 2016) ASTM D 3107 – 07(reapproved 2015)	1 to 200 %


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19	Textile, Garments	Resistance to Surface Wetting (Spray Test)	BS EN 4920 – 1992 (2012) ISO/ BS EN ISO 4920 - 2012 AATCC 22 –2014	ISO 1 to ISO 5 (0 to 100)
20	Textile, Garments	Snagging Resistance by the Rotating Chamber(Snag Pod Method)	BS 8479 : 2008	1 to 5 Grade
21	Textile, Garments, Accessories and Toys	Torque Test	EN 71 PART 1-CLAUSE-8.3:2011+A3:2014, 16 CFR 1500.51/52/53.	Qualitative
22	Textile, Garments and Toys	Attachment/Pull Off Strength of Snap/Button/Rivets	BS 7907-2007: Annex-B ASTM F 963 – 2011. 16 CFR 1500.53 EN 71-1:2011+A3:2014 BS EN 71 Part-1 : 2011+A3:2014	1 N – 600 N (0.1 kg – 60 kg)
23	Textile, Garments, Toys products(Textile Metal Glass, Plastic, stone Leather Accessories) in Garments, Metal Jewellery, other article intended to use for children	Small Parts – Choking Hazard Test (Small part cylinder of 31.7 mm inner diameter)	EN/ BS EN 71 PART 1-CLAUSE-8.2 : 2011+A3:2014, 16 CFR 1501, ASTM F 963-11,Sec-4.6	Qualitative
24	Textile, Garments, Toys products (Textile Metal Glass, Plastic, stone Leather Accessories) in Garments, Metal Jewellery, other article intended to use for children	Determination of Sharp Points Under a Force of 4.45 N (1 Pound)	EN / BS EN 71 PART 1-CLAUSE-8.12: 2011+A3:2014. 16 CFR 1500.48 (Sharp Point) ASTM F 963-11, Sec-4.9 (Sharp Point)	Qualitative
25	Textile, Garments, Toys products (Textile Metal Glass, Plastic,	Determination of Sharp Edges Under a force of up to 8.90 N (2 Pound)	EN/ BS EN 71 PART 1-CLAUSE-8.11: 2011+A3:2014. 16 CFR 1500.49 (Sharp Edges), ASTM F 963-11, Sec. 4.7(Sharp	Qualitative


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