



Bangladesh Accreditation Board (BAB)

91, Motijheel C/A, Dhaka-1000, Tel: +880-2-9513221 Fax: +880-2-9513222

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

Certificate of Accreditation

This is to certify that

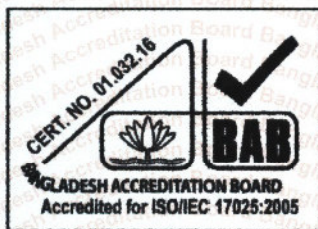
Brachi Testing Services (BD) Ltd.

1st Floor, 23/1, Pantha Path Link Road

Kawran Bazar, Dhaka-1215, 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 : 01.032.16

Issued on : 17 April 2016

Accreditation Date : 17 April 2016

Valid until : 16 April 2019

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: Brachi Testing Services (BD) Ltd
BGMEA Complex, 23/1 Panthapath Link Road, Karwan Bazar,
Dhaka-1215, Bangladesh


Accreditation Standard: ISO/IEC 17025:2005
Accreditation Date: 17 April 2016

Certificate Number: 01.032.16
Issued on: 17 April 2016

Last Amended on: 06 Nov 2016
Valid until: 16 April 2019

Amendment no:

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				
1.	Textiles, Garments and Accessories	Dimensional Stability & Appearance	ISO 6330:2012 ISO 5077:2007 ISO 3759:2011 AATCC 135:2014 AATCC 150:2012 GB/T 8628-2013 GB/T 8630-2013	Elongation:1 to 50% Shrinkage:1 to 50%
2.	Textiles, Garments and Accessories	Spirality/Skewing of fabrics & garment	ISO 16322-1:2005 ISO 16322-2:2007 ISO 16322-3:2005 AATCC 179:2012	1% to 50 %
3.	Textiles, Garments and Accessories	Tensile Strength	ISO 13934-1:2013 ISO 13934-2:2014 ASTM D5034:2013 ASTM D5035:2015 GB/T 3923.1-2013 GB/T 3923.2-2013	5 N to 2500 N
4.	Textiles, Garments and Accessories	Tear Strength	ISO 13937-2:2000 ASTM D2261:2013	5 N to 2500 N
5.	Textiles, Garments and Accessories	Bursting Strength	ISO 13938-1:1999 ISO 13938-2:1999 ASTM D3786/ D3786M:2013	30 to 900 kPa (10 to 130 psi)
6.	Textiles, Garments and Accessories	Pilling Resistance	ISO 12945-1:2000 ISO 12945-2:2000 ASTM D4970:2010	Grade 1-5
7.	Textiles, Garments and Accessories	Snagging Resistance	BS PD 6527:1990 ASTM D3939:2013	Grade 1-5
8.	Textile Yarn	Single thread/ Yarn Strength & Elongation	ISO 2062:2009 ASTM D2256/ D2256M:2015	1 N to 100 N (0.1 kg to 10 kg) 1-50% Elongation


Quality Manager

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				
9.	Textiles, Garments and Accessories	Seam Performance	ISO 13935-1:2014 ISO 13935-2:2014 ISO 13936-1:2004 ISO 13936-2:2004 ASTM D1683/ D1683:2011a ASTM D434:1995	Up to 10 mm (Seam Slippage) 5 N- 2500 N (Strength)
10.	Textiles, Garments and Accessories	Abrasion Resistance (Martindale)	ISO 12947-1:1998/Cor1:2002 ISO 12947-2:1998/Cor1:2002 ISO 12947-3:1998/Cor1:2002 ISO 12947-4:1998/Cor1:2002 ASTM D4966:2012	Up to 1,00,000 Rubs, Grade 1-5
11.	Textiles, Garments and Accessories	Fabric Weight (Mass per unit area)	ASTM D3776/D3776M-09a(2013) Option C ISO 3801:1977 Method 5	5 gsm to 1000 gsm
12.	Textiles, Garments and Accessories	Stretch & Recovery	BS EN 14704-1:2005	1 to 200%
13.	Textiles, Garments and Accessories	Thread per unit length	ISO 7211-2:1984 BS 5447:1988 ASTM D3775:2012 ASTM D3887:2008	2 to 8 per cm (5 to 200 per Inch)
14.	Textiles, Garments and Accessories	Resistance to Unsnapping of Snap Fastner	ASTM D4846: 2011	1 to 50 N
15.	Textiles, Garments and Accessories	Zipper Strength	BS 3084 (part 5.2-5.6, 5.8-5.11): 2006 ASTM D2061:2013	5 to 2500 N
16.	Textiles, Garments and Accessories	Attachment Strength/ Tension Test	BS EN 71-1:2014 ASTM F963:2011 16 CFR 1500.51-53 (part F): 2008 BS 7907:2007	5 to 1000 N
17.	Textiles, Garments and Accessories	Presence of Odor	GB/T 18401-2010; section 6.7	With/ No Odor
18.	Textiles, Garments and Accessories	Safety of children's clothing-cords and drawstrings	GB/T 22702-2008 GB/T 227051-2008	Yes/ No; with observation



Quality Manager

SCOPE OF ACCREDITATION (For Testing Laboratory)

CAB Name & Address: Brachi Testing Services (BD) Ltd
BGMEA Complex, 23/1 Panthapath Link Road, Karwan Bazar,
Dhaka-1215, Bangladesh

Accreditation Standard: ISO/IEC 17025:2005 **Accreditation Date:** 17 April 2016

Certificate Number: 01.032.16 **Issued on:** 17 April 2016

Last Amended on: 06 Nov 2016 **Valid until:** 16 April 2019

Amendment no:

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				
1.	Textiles, Garments and Accessories	Color Fastness to Washing	ISO 105 C06 (Test A-E):2010 ISO 105 C08:2010 ISO 105 C09:2001/Amd1:2003 ISO 105 C10:2006 AATCC 61 No.1A-5A:2010 GB/T 3921-2008	Grade :1-5 (Qualitative)
2.	Textiles, Garments and Accessories	Color Fastness to Water	ISO 105 E01:2013 AATCC 107:2013 GB/T 5713-2013	Grade :1-5 (Qualitative)
3.	Textiles, Garments and Accessories	Color Fastness to Sea Water	ISO 105 E02:2013 AATCC 106:2009	Grade :1-5 (Qualitative)
4.	Textiles, Garments and Accessories	Color Fastness to Chlorinated Pool Water	ISO 105-E03:2010 AATCC 162:2011	Grade :1-5 (Qualitative)
5.	Textiles, Garments and Accessories	Color Fastness to Rubbing	ISO 105 X12:2001 AATCC 8:2013 GB/T 3920-2008	Grade :1-5 (Qualitative)
6.	Textiles, Garments and Accessories	Color Fastness to Perspiration	ISO 105 E04:2013 AATCC 15:2013 GB/T 3922-2013	Grade :1-5 (Qualitative)
7.	Textiles, Garments and Accessories	Color Fastness to Dry Cleaning	ISO 105 D01: 2010	Grade :1-5 (Qualitative)
8.	Textile Yarn	Color Fastness to Saliva/ Color Fastness to Sweat	DIN 53160-1:2010 DIN 53160-2:2010 GB/T 18886-2002	Grade :1-5 (Qualitative)
9.	Textiles, Garments and Accessories	Color Fastness to Chlorine/ Non-Chlorine Bleaching	ISO 105 N01:1993 AATCC TS 001:2013	Grade :1-5 (Qualitative)


Quality Manager

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				
10.	Textiles, Garments and Accessories	Fiber Composition	ISO 1833-1-5,7-19,21:2006 ISO 1833-6:2007 ISO 1833-20:2009 ISO 1833-24:2010 AATCC 20:2011 AATCC 20A:2014 EU Regulation 1007/2011 GB/T 2910-2009 (Part:4,6,7,11,12,20,21,22)	Up to 100%
11.	Textiles, Garments and Accessories	Determination of pH Value	ISO 3071:2006 AATCC 81:2012 GB/T 7573-2009	pH: 1 to 14
12.	Textiles, Garments and Accessories	Formaldehyde Content	ISO 14184-1:2011 ISO 14184-2:2011 AATCC 112: 2014 GB/T 2912.1:2009	16 ppm

END



Quality Manager