

# ACCREDITATION CERTIFICATE

Issued under the authority of Bangladesh Accreditation Act, 2006  
by Bangladesh Accreditation Board (BAB), Ministry of Industries to

**Amber Textile Services Limited**

**Banglabazar, Bhawal, Mirzapur, Joydebpur**

**Gazipur, Bangladesh**

This is to certify that this

**Testing Laboratory**

is accredited in accordance with the international standard

**ISO/IEC 17025:2017**

in respect of the associated scope, subject to the terms and  
conditions governing the relevant conformity assessment  
body (CAB) accreditation.

Certificate Number : 01.033.16  
Accreditation Date : 20 April 2016  
Date of Issuance : 29 November 2023  
Date of Expiration : 19 April 2025



*Amir*  
**Sheikh Faezul Amin**  
Director General



**SCOPE OF ACCREDITATION**

(For Testing Laboratory)

**CAB Name & Address:** Amber Textile Services Ltd.; Banglabazar, Bhawal-Mirzapur, Joydevpur, Gazipur, Bangladesh

**Accreditation Standard:** ISO/IEC 17025:2017

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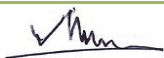
**Issued on:** 29 November 2023

**Last Amended on:** -

**Valid until:** 19 April 2025

**Amendment no:** -

| S.N.                             | Products/<br>Materials/<br>Items of test | Type of tests performed  | Specifications/ Standard<br>test methods/Techniques<br>used              | Range of<br>testing/Limit of<br>detection    |
|----------------------------------|--|--|--|--|
| <b>Field: Mechanical Testing</b> |  |  |  |  |
| 1.                               | Textile Fabric                           | Determination of mass per unit length or mass per unit area                                      | ASTM D3776:09a<br>(Reapproved 2017)<br>ISO 3801:1977<br>BS EN 12127:1998 | 1 GSM to 1000 GSM                            |
| 2.                               | Textile Fabric                           | Warp end count and filling pick count of woven fabric  | ASTM D3775:2017<br>ISO 7211-2:1984<br>ISO 12945-2:2000                   | 1 to 250 Per Inch                            |
| 3.                               | Textile Fabric                           | Determination of fabric propensity to surface fuzzing and to pilling – Part 2: Martindale Method |  | 1 to 5 Grade                                 |
| 4.                               | Textile Fabric                           | Determination of abrasion resistance of fabrics by Martindale method                             | BS EN ISO 12947-1,3&4: 2002<br>ISO 12947-2: 2016                         | Thread Breakage,<br>1 to 5 Grade<br>1 to 50% |
| 5.                               | Textile Fabric                           | Breaking strength & elongation of textile fabrics (Grab Test)                                    | ASTM D5034:09<br>(Reapproved 2017)<br>ISO 13934-2:2014                   | 10 N to 5000 N                               |
| 6.                               | Textile Fabric                           | Breaking force & elongation of textile fabrics (Strip Method)                                    | ASTM D5035:11<br>(Reapproved 2019)<br>ISO 13934-1:2013                   | 10 N to 5000 N                               |
| 7.                               | Textile Fabric                           | Tearing strength of fabrics by falling-pendulum type (Elmendorf-Type) Apparatus                  | ASTM D1424:09<br>(Reapproved 2019)<br>ISO 13937-1:2000                   | 1 N to 128 N                                 |
| 8.                               | Textile Fabric                           | Tearing strength of fabrics by the tongue (Single Rip) procedure                                 | ASTM D2261:13<br>(Reapproved 2017)<br>BS EN ISO 13937-2:2000             | 10 N to 5000 N                               |
| 9.                               | Textile Fabric                           | Resistance to slippage of yarns in woven fabric using a standard seam                            | ASTM D434:1995<br>ISO 13936-1:2004<br>ISO 13936-2:2004                   | 10 N to 5000 N                               |
| 10.                              | Textile Fabric                           | Stretch properties of fabrics woven from stretch yarns   | ASTM D3107:07<br>(Reapproved 2019)                                       | 1 to 500%                                    |
| 11.                              | Textile Fabric                           | Failure in sewn seams of woven apparel fabrics   | ASTM D1683:17<br>(Reapproved 2018)<br>ISO 13935-2: 2014                  | 10 N to 5000 N                               |
| 12.                              | Textile Fabric                           | Determination of the elasticity of fabrics   | ISO 20932-1:2021   | 1 to 300%                                    |

  
Quality Manager

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|--------------------------------|--|--|---|---|
| <b>Field: Chemical Testing</b> |  |  |   |   |
| 13.                            | Textile Fabric                           | Dimensional Change to domestic washing & drying                                    | ISO 6330:2012<br>ISO 3759: 2011<br>ISO 5077:2007            | -30% to 30%                               |
| 14.                            | Textile Fabric                           | Skewness Change in fabric & Garment twist resulting from automatic home Laundering | ISO 16322-2 : 2005  | Up to $\pm 30\%$                          |
| 15.                            | Textile Fabric                           | Colorfastness to Washing   | AATCC 61:2013<br>ISO 105 C06:2010                           | 1 to 5 Grade                              |
| 16.                            | Textile Fabric                           | Colorfastness to Water   | AATCC 107:2013<br>ISO 105 E01:2013                          | 1 to 5 Grade                              |
| 17.                            | Textile Fabric                           | Colorfastness to Perspiration  | AATCC 15:2013<br>ISO 105 E04:2013                           | 1 to 5 Grade                              |
| 18.                            | Textile Fabric                           | Color Fastness To Saliva   | GB/T 18886:2019<br>DIN 53160-1: 2010                        | 1 to 5 Grade                              |
| 19.                            | Textile Fabric                           | Colorfastness to Rubbing / Crocking  | AATCC 08:2016<br>BS EN ISO 105 X12:2016                     | 1 to 5 Grade                              |
| 20.                            | Textile Fabric                           | pH of Aqueous Extract  | AATCC 81:2016<br>ISO 3071:2020                              | 1 to 14                                   |
| 21.                            | Textile Fabric                           | Color Fastness to Phenolic Yellowing   | ISO 105 X18:2007  | 1 to 5 Grade                              |

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Quality Manager