



# ACCREDITATION CERTIFICATE

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

**ITS Labtest Bangladesh Ltd.**

**C & F Tower (11th Floor), 1712 SK. Mujib Road  
Agrabad C/A, Chittagong - 4100, 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 : **01.017.14**  
Accreditation Date : **04 December 2014**  
Date of Issuance : **29 November 2021**  
Date of Expiration : **03 December 2023**



  
**Md. Monwarul Islam**  
Director General

This certificate must be returned on request; reproduction must follow BAB guidelines. For the specific scopes to which this accreditation applies, please refer to the Directory of CABs at BAB website.

## ACCREDITATION SCHEME

(For Testing Laboratory)

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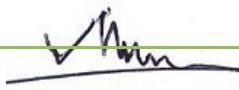
**Accreditation Standard:** ISO/IEC 17025:2017 **Accreditation Date:** 04 December 2014

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**Last Amended on:** **Valid until:** 03 December 2023

**Amendment no:**

| S.N.                                    | Products/<br>Materials/<br>Items<br>of test | Type of tests performed                        | Specifications/<br>Standard<br>test methods/Techniques<br>used  | Range of<br>testing/Limit of<br>detection           |
|---|---|--|---|---|
| <b>Field:</b> <u>Mechanical Testing</u> |   |  |   |   |
| 01                                      | Textile & Polymer<br>Products               | Tensile Strength & Elongation-<br>Strip Method | BS EN ISO 13934 -1 : 2014<br>EN ISO 13934 -1 : 2013<br>ISO 13934 -1 : 2013<br>ASTM D5035 -<br>11(Reapproved 2019)   | 10 N- 4.5 kN<br>1% to 100%                          |
|   |   | Tensile Strength & Elongation-<br>Grab Method  | BS EN ISO 13934- 2 : 2014<br>EN ISO 13934- 2 : 2014<br>ISO 13934- 2 : 2014<br>ASTM D5034 - 21<br>AS 2001.2.3.2-2001<br>CAN/CGSB-4.2 No./N° 9.2-<br>M90 (R2013)<br>JIS L 1096:2010               | 10 N- 4.5 kN  |
| 02                                      | Textile, Garment<br>& Accessories           | Tear Strength-<br>Elmendorf                    | BS EN ISO 13937-1:2000<br>EN ISO 13937-1-2000<br>ISO 13937-1-2000<br>ASTM D1424 - 21<br>AS 2001.2.8-2001<br>CAN/CGSB-4.2 No. 12.3-<br>2005 (R2013)<br>JIS L 1096:2010                           | 1.6 N-115N<br>0.35-25.3 lb.                         |
|   |   | Tear Strength-<br>Tensile                      | BS EN ISO 13937-2:2000<br>EN ISO 13937-2 -2000<br>ISO 13937-2 :2000<br>BS EN ISO 13937-3:2000<br>EN ISO 13937-3-2000<br>ISO 13937-3 :2000<br>ASTM D2261 – 13<br>(Reapproved 2017) <sup>e1</sup> | 10 N-4.5 kN   |
| 03                                      | Textile &<br>Garment                        | Dimensional stability to<br>washing            | BS EN ISO 6330-2012<br>ISO 6330 -2000/Amd -1 -<br>(2012)<br>BS EN ISO 5077: 2008<br>EN ISO 5077: 2008<br>ISO 5077: 2007<br>BS EN ISO 3759: 2011<br>ISO 3759: 2011<br>AATCC TM135-2018t          | Stretching<br>0 To ±50 %<br>Shrinkage<br>0 To ±50 % |

  
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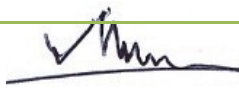
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|--|---|--|--|-------------------------------------|
|  |   |  | AATCC TM150-2018t<br>AS 2001.5.4 -2005<br>CAN/CGSB-4.2 No. 58-2019   |                                     |
| <b>Field:</b> <u>Chemical including Analytical Testing</u> |   |  |  |                                     |
| 01   | Textile, Garment & Accessories                | Colour Fastness to Washing and laundering  | BS EN ISO 105 C06-2010<br>ISO 105 C06-2010<br>ISO 105 C08-2010<br>BS EN ISO 105 C10-2007<br>ISO 105 C10-2006<br>DIN EN ISO 105 C06-2010<br>AATCC TM61-2013e2<br>AS 2001.4.15-2006(R-2016)<br>CAN/CGSB-4.2 No 19.2-2003 (R 2010)<br>JIS L 0844-2011 | Grade: 1-5                          |
| 02   | Textile & Garment                             | Fiber Composition (composition in weight %)  | ISO 1833 part 1, 2, 12, 22 - 2020<br>ISO 1833 part 6, 20 -2018<br>ISO 1833 part 4, 7 & 11 - 2017<br>ISO 1833 part 21 -2019<br>BS 4407-1988<br>AATCC TM20-2013(2018) e<br>AATCC TM20A-2018e<br>AS 2001.7-2005 (R2016)                               | 0.5 to 100%                         |
| 03   | Textile, Fabric, Garment and Leather products | Banned aryl amines from Azo dyes<br>[o-Toluidine (95-53-4);<br>2-Methoxyaniline (90-04-0);<br>p-Chloroaniline (106-47-8);<br>p-Kresidine (120-71-8);<br>2,4,5-Trimethylaniline(137-17-7);<br>4-Chloro-o-Toluidine (95-69-2);<br>2,4-Toluylenediamine (95-80-7);<br>2,4-Diaminoanisol (615-05-4);<br>2-Naphthylamine (91-59-8); | SOP/AM/001 I-2, R-0/01-2018<br>SOP/AM/019 I-2, R-0/06-2017<br>BS EN ISO 14362 part-1-2017<br>BS EN ISO 14362 part-3-2017<br>ISO 17234 -1:2020<br>BS EN ISO 17234-2 -2011   | 5 to 1000 mg/kg<br>LOD: 1mg/L       |

  
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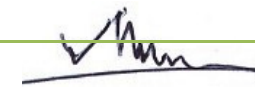
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|------|--|--|--|--|
|      |  | 2-Amino-4-Nitrotoluene (99-55-8);<br>4-Aminodiphenyle (92-67-1);<br>4,4'-Oxydianiline (101-80-4);<br>Benzidine (92-87-5);<br>4,4'-Diaminodiphenylmethane (101-77-9);<br>o-Aminoazotoluene (97-56-3);<br>3,3'-Dimethyl-4,4'-MDA (838-88-0)<br>3,3'-Dimethylbenzidine (119-93-7);<br>4,4'-Thiodianiline (139-65-1);<br>3,3'-Dichlorobenzidine (91-94-1);<br>4,4'-Methylene-bis-(2-Chloroaniline) (101-14-4);<br>3,3'-Dimethoxybenzidine (119-90-4);<br>2,4-Xylidine (95-68-1);<br>2,6-Xylidine (87-62-7);<br>P-Aminoazobenzene (60-09-3);<br>Aniline (62-53-3) |  |  |
| 04   | A. Textile &<br>Textile Products<br>B. Paints<br>C. Prints<br>D. Leather<br>Products | Determination of APEOs<br>content<br>Nonylphenoethoxylates<br>(NPEOs)<br>Octylphenoethoxylates<br>(OPEOs)  | SOP No: C017.TP, I-3/03-<br>2016<br><br>BS EN ISO 18254-1:2016 | 10 to 5000 mg/kg<br>MDL: 0.5 mg/L                                  |
| 05   | A. Textile &<br>Textile<br>Products<br>B. Paints<br>C. Prints                        | Determination of Allergenic<br>Disperse Dyes<br>Disperse Blue 1<br>Disperse Blue 3<br>Disperse Blue 7<br>Disperse Blue 26<br>Disperse Blue 35<br>Disperse Blue 102<br>Disperse Blue 106<br>Disperse Blue 124   | C012:TP, I-4<br><br>DIN 54231-2005                             | 5 to 7500 mg/kg<br>(1 to 500 mg/L in<br>extract)<br>MDL: 0.25 mg/L |



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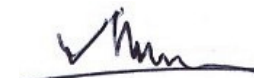
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|------|--|-------------------------|---|---|
|      |  | Disperse Brown 1        |   |   |
|      |  | Disperse Orange 1       |   |   |
|      |  | Disperse Orange 3       |   |   |
|      |  | Disperse Orange 149     |   |   |
|      |  | Disperse Red 1          |   |   |
|      |  | Disperse Red 11         |   |   |
|      |  | Disperse Red 17         |   |   |
|      |  | Disperse Yellow 1       |   |   |
|      |  | Disperse Yellow 3       |   |   |
|      |  | Disperse Yellow 7       |   |   |
|      |  | Disperse Yellow 9       |   |   |
|      |  | Disperse Yellow 23      |   |   |
|      |  | Disperse Yellow 39      |   |   |
|      |  | Disperse Yellow 49      |   |   |
|      |  | Disperse Yellow 56      |   |   |

\*\*\*END\*\*\*



Quality Manager