



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 17025:2005

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 : **26 December 2017**
Date of Expiration : **03 December 2020**



**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)

CAB Name & Address: ITS Labtest Bangladesh Ltd. Chittagong.
 C&F Tower (6th&11thFloor), 1712 SK. Mujib Road, Agrabad C/A, Chittagong.

Accreditation Standard: ISO/IEC 17025:2005 **Accreditation Date:** 04 Dec 2017

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Last Amended on: 15 April 2019 **Valid until:** 03 Dec 2020

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	Textile & Polymer Products	Tensile Strength & Elongation- Strip Method	BS EN ISO 13934 -1 - 2013 EN ISO 13934 -1 -2013 ISO 13934 -1 -2013 ASTM D 5035 -11 (R 2015) AS 2001.2.3.1-2001 (R- 2016) CAN/CGSB-4.2 No 9.1 M-90 (R 2013)	5 N- 4.5 kN (1.12 -1011 lbs) 1% to 100%
		Tensile Strength & Elongation- Grab Method	BS EN ISO 13934- 2 -2014 EN ISO 13934- 2 -2014 ISO 13934- 2 -2014 ASTM D 5034-09-(R 2017) AS 2001.2.3.2-2001 (R- 2016) CAN/CGSB-4.2 No 9.2 M-90 (R 2013) JIS L 1096-2010 (R 2015)	5 N- 4.5 kN 1% to 100%
2	Textile, Garment & Accessories	Tear Strength- Elmendorf	BS EN ISO 13937-1-2000 EN ISO 13937-1-2000 ISO 13937-1-2000 ASTM D 1424 -09 (R 2013) e-1 AS 2001.2.8-2001(R-2016) CAN/CGSB-4.2 No 12.3- 2005 (R 2013) JIS L 1096-2010 (R 2015)	1.6 N-115 N (0.35-25.3 lb)
		Tear Strength- Tensile	BS EN ISO 13937-2 -2000 EN ISO 13937-2 -2000 ISO 13937-2 -2000 BS EN ISO 13937-3-2000 EN ISO 13937-3-2000 ISO 13937-3 -2000 ASTM D 2261-2017	5 N-4.5 kN
3	Textile, Garment & Accessories	Bursting Strength- Pneumatic	BS EN ISO 13938 -2-1999 EN ISO 13938 -2-1999 ISO 13938 -2-1999 ASTM D3786/D 3786 M-13	70 kPa to 1240 kPa (10 to 180 psi)
4	Textile &	Dimensional stability to	BS EN ISO 6330-2012	- 50% to 50%



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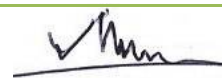
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	Garment	washing	ISO 6330 -2000/Amd -1 – 2012 (en) BS EN ISO 5077-2008 ISO 5077-2007 BS EN ISO 3759-2011 ISO 3759-2011 (E) AATCC 135-2015 AATCC 150-2012 AS 2001.5.4 -2005(R-2016) CAN/CGSB-4.2 No 58-2004	
Field: Chemical including Analytical Testing				
1	Textile, Garment & Accessories	Colour Fastness to Washing	BS EN ISO 105 C06-2010 ISO 105 C06-2010 ISO 105 C08-2010 BS EN ISO 105 C10-2007 ISO 105 C10-2006 DIN EN ISO 105 C06-2010 AATCC 61-2013 AS 2001.4.15-2006(R-2016) CAN/CGSB-4.2 No 19.2- 2003 (R 2010) JIS L 0844-2011 (R 2016)	Grade: 1-5
2	Textile, Garment & Accessories	Colour Fastness to Rubbing/ Crocking	BS EN ISO 105 X12-2016 ISO 105 X 12-2016 DIN EN ISO 105 X12-2016 AATCC 8-2016 AS 2001.4 .3-1995(R-2016) CAN/CGSB-4.2 No 22-2004 (R 2013) GB/T 3920-2008	Grade: 1-5
3	Textile, Garment & Accessories	Colour Fastness to Perspiration	BS EN ISO 105 E04-2013 ISO 105 E04-2013 DIN EN ISO 105 E04: 2013 AATCC 15-2013 AS 2001.4 E 04-2005(R- 2016) CAN/CGSB-4.2 No 23- M- 90-1990 (R 2013) JIS L 0848-2010(R-2015) GB/T 3922-2013	Grade: 1-5



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4	Textile, Garment & Accessories	Colour Fastness to Dry Cleaning	BS EN ISO 105 D01-2010 ISO 105 D01-2010 DIN EN ISO 105 D01-2010 AATCC 132-2013 AS 2001.4.16-1981(R-2016) JIS L 0860-2008 (R 2013)	Grade :1-5
5	Textile & Garment	Fiber Composition (composition in weight %)	ISO 1833-2006 ISO 1833 part 1 to 21 -2006; part 6- 2007, part 20-2009, part 22-2013, part 24-2011 BS 4407-1988 AATCC 20-2013 AATCC 20 A-2014 AS 2001.7-2005(R-2016)	0.5 to 100%
6	Textile fabric, Garment and Leather products	Banned aryl amines from Azo dyes [o-Toluidine (95-53-4); 2-Methoxyaniline (90-04-0); p-Chloroaniline (106-47-8); p-Kresidine (120-71-8); 2,4,5-Trimethylaniline(137-17-7); 4-Chloro-o-Toluidine (95-69-2); 2,4-Toluylenediamine (95-80-7); 2,4-Diaminoanisol (615-05-4); 2-Naphthylamine (91-59-8); 2-Amino-4-Nitrotoluene (99-55-8); 4-Aminodiphenyle (92-67-1); 4,4'-Oxydianiline (101-80-4); Benzidine (92-87-5); 4,4'-Diaminodiphenylmethane (101-77-9); o-Aminoazotoluene (97-56-3); 3,3'-Dimethyl-4,4'-Diaminodiphenylmethane (838-88-0); 3,3'-Dimethylbenzidine (119-93-7);	In-house Method : SOP/AM/001 I-2, R-0 and SOP/AM/019 I-2,-R-0 EN 14362 part-1-2017 EN 14362 part-3-2017 DD CEN ISO/TS 17234-1 - 2015 DD CEN ISO/TS 17234-2 - 2011	5 to 1000 mg/kg LOD: 1mg/L



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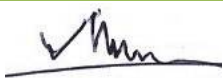
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		4,4'-Thiodianiline (139-65-1); 3,3'-Dichlorobenzidine (91-94-1); 4,4'-Methylene-bis-(2-Chloroaniline) (101-14-4); 3,3'-Dimethoxybenzidine (119-90-4); 2,4-Xylidine (95-68-1); 2,6-Xylidine (87-62-7); P-Aminoazobenzene (60-09-3)		
7	Textile & accessories including print on textile or leather items and polymeric products (eg, plastic)	Phthalates Content with reference to CPSIA 2008 (HR 4040), Title 1 -section 108 [DBP; BBP; DEHP; DNOP; DINP; DIDP] (DBP; BBP; DEHP; DNOP; DINP; DIDP; DIBP; DMP; DEP, DMEP, DIHP, DiPP, PiPP, DNPP/DBP, DiHxP, DNHP, DCHP, DMTP, DPRP, DNDP, DuDP)	In House Method: SOP/AM/009, I-2, R-0 SOP/AM/010, I-1 R-2 In House Method: SOP/AM/011, I-1, R-3 CPSC-CH-C1001-09.4-2018 EN14372-2004 EN 14362 part-1-2017 EN 14389-2014	50 to 50,000 mg/kg LOD: 0.15 mg/L
8	Textile & accessories including print on textile or leather items and polymeric products	Total Lead Content in surface coating / paint (16 CFR 1303:2008 / CPSIA 2008- public law No. 110-314 –Title 1 section 101)	In House Method: SOP/AM/004, I-1, R-2 16CFRCPSCPart1303: 2008 CPSC-CH-E1003-09.1-2011 ASTM E 1645-16 ASTM E 1613-12	10 to 5000 mg/kg LOD: 0.04 mg/L
9	Textile or Leather product & accessories containing Non-metal substrate including plastic & polymeric products	Total Lead content in Non-Metal CPSIA 2008 – Public law No. 110-314	In-House Method SOP/AM/002, I-1, R-3 USEPA method 3051 A USEPA method 3050 B CPSC-CH-E1002-08.3-2012	0.5 to 5000 mg/kg LOD: 0.04 mg/L
10	Textile or leather products accessories containing	Total Lead content in metal items including children jewelry CPSIA 2008 – Public law No.	In-House Method: SOP/AM/006/ I-1, R-2 CPSC-CH-E1001-8.3-2012 ASTM E1645-2016	0.5 to 5000 mg/kg LOD: 0.04 mg/L



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	metal/ metal alloy component	110-314	ASTM E 1613-2012	
11	Textile/ Leather products	Total Heavy Metals Content	In House Method SOP No: SOP/AM/003, I-1, R-3 USEPA3051A (Modified) USEPA 3052 (Modified) CPSC-CH-E1001-08.3-2012 CPSC-CH-E1002-08.3-2012 CPSC-CH-E1003-09.1-2011 ASTM E1645-16 BS-EN 16711-1:2015	1 to 5000 mg/kg LOD: 1 mg/L
12	A. Textile & Textile Products B. Paints C. Prints D. Leather Products	Determination of APEOs content Nonylphenoethoxylates (NPEOs) Octylphenoethoxylates (OPEOs)	Harmonized SOP: SOP No: C017.TP, I-3 (03/2016) BS EN ISO 18254-1-2016	10 to 5000 mg/kg MDL: 0.5 mg/L
13	A. Textile & Textile Products B. Paints C. Prints	Determination of Allergenic Disperse Dyes Disperse blue 1 Disperse blue 3 Disperse blue 7 Disperse blue 26 Disperse blue 35 Disperse blue 102 Disperse blue 106 Disperse blue 124 Disperse brown 1 Disperse orange 1 Disperse orange 3 Disperse orange 11 Disperse orange 37/76 Disperse red 1 Disperse red 11 Solvent yellow 1 Solvent yellow 2 Solvent yellow 3 Disperse red 17 Disperse Yellow 1	DIN 54231-2005	5 to 7500 mg/kg (1 to 500 mg/L in extract) MDL: 0.25 mg/L



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		Disperse Yellow 3 Disperse Yellow 9 Disperse Yellow 39 Disperse Yellow 49 Disperse orange 149 Disperse yellow 23		

END



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