



# ACCREDITATION CERTIFICATE

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

**Modern Testing Services (Bangladesh) Ltd.**

**280, East Narsinghpur, Ashulia, Savar  
Dhaka-1341, 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 : **01.015.14**  
Accreditation Date : **23 July 2014**  
Date of Issuance : **08 August 2018**  
Date of Expiration : **22 July 2021**



  
**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.

## SCOPE OF ACCREDITATION

(For Testing Laboratory)

**CAB Name & Address:** Modern Testing Services (Bangladesh) Ltd.  
 280, East Narsinghpur, Ashulia, Savar,  
 Dhaka-1341, Bangladesh.

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

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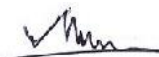
**Issued on:** 08 August 2018

**Last Amended on:** 22 Dec 2019

**Valid until:** 23 July 2021

**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
<b>Field: Mechanical Testing</b>				
01.	Textile, Fabric , Garment & Accessories	Threads per Unit Length (woven fabric construction)	ASTM D 3775 – 2017	10 to 80 per cm (15 to 250 per Inch)
02.	Textile, Garment & Accessories	Sharp Point Test	16 CFR 1500.48:2019	Qualitative
03.	Textile, Garment & Accessories	Sharp Edge Test	16 CFR 1500.49:2019	Qualitative
04.	Textile, Garment & Accessories	Small Parts Test	16 CFR 1501:2019	Qualitative
05.	Textile, Garment & Accessories	Tension Test up to 294 N (Up to 30 Kg or 66 Pounds)	16 CFR 1500.50-53:2019	Qualitative
06.	Textile, Garment & Accessories	Torque Test up to 9.0 kg-cm (Up to 7.8 inch Pound)	16 CFR 1500.50-53:2019	Qualitative
07.	Textile, Garment & Accessories	Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Random Tumble Pilling Tester	ASTM D3512: 2016	Grade :1-5
08.	Textile, Garment & Accessories	Determination of fabric propensity to surface fuzzing and to pilling( ICI Pill Box Method)	BS EN ISO 12945-1 :2001	Grade :1-5
09.	Textile, Garment & Accessories	Determination of fabric propensity to surface fuzzing and to pilling( Modified Martindale Method)	BS EN ISO 12945-2 :2000	Grade :1-5
10.	Textile, Garment & Accessories	Mass Per Unit Area	ASTM D 3776: 09a(Reapproved 2017) BS EN 12127:1998 AS 2001.2.13-1987(R2016)	20 to 700 gsm
11.	Textile, Garment & Accessories	Tearing Strength by Falling- Pendulum (Elmendorf-Type) Apparatus	ASTM D1424: 2013 BS EN ISO 13937-1: 2000 AS 2001.2.8-2001 (R2016)	800 CN to 12,800 CN

  
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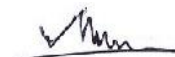
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12.	Textile, Garment & Accessories	Breaking Strength and Elongation	ASTM D5034: 2013 BS EN ISO 13934-1:2013 BS EN ISO 13934-2:2014 AS 2001.2.3.2-2001	5 N to 5000 N
13.	Textile, Garment & Accessories	Bursting Strength (Hydraulic Method)	ASTM D 3786 / D 3786M: 2018 ISO 13938-1:1999 AS 2001.2.4-1990 ISO 13936-1-2004	70 kPa to 1240 kPa (10 to 180 psi)
14.	Textile, Garment & Accessories	Seam Slippage -Fixed Seam Opening Method -Fixed Load Method -Resistance to seam slippage using a standard seam -Failure in sewn seams of woven apparel fabrics	ISO 13936-2-2004 ASTM D 434 – 1995 ASTM D 1683/D 1683M- 2017	5 N to 5000 N
15.	Textile, Garment & Accessories	Seam Strength-Maximum force to seam rupture -strip method -Grap method	ISO 13935-1-2014 ISO 13935-2-2014	5 N to 5000 N
16.	Textile, Garment & Accessories	Determination of removal force of attached components for children's clothing	BS 7907 :2007 (Annex –B, Page 27-39) PD CEN/TR 16792:2014	10 N to 220 N
17.	Textile, Garment & Accessories	Dimensional Changes after Home Laundering	AATCC 135:2018 AATCC 150: 2018 ISO 6330:2012 ISO 3759:2011 BS EN ISO 5077:2007 AS 2001.5.4-2005 (R 2016)	Elongation 0 to 50% Shrinkage 0 to 50%
18.	Textile, Garment & Accessories	Skewness Change in Fabric and Garment Twist Resulting from Automatic Home Laundering	AATCC 179: 2019 AATCC 207:2019 ISO 16322-1,2,3: 2005	0 to ± 50 %
19.	Textile, Garment & Accessories	Smoothness Appearance of Apparels after Repeated Home Laundering	AATCC 124: 2018 AATCC 143: 2018 AATCC 88B: 2018 AATCC 88C: 2018	Grade :1-5

  
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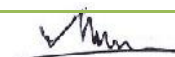
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<b>Field: Chemical Testing</b>				
01.	Textile & Garment	Fiber Composition Qualitative & Quantitative analysis (composition in weight %)	ISO 1833 part 1 to 4, 7, 11, 12 & 18-2006, 6-2007 EU-Directive:96/73/EC & 73/44/EEC and 2008/121/EC AATCC 20-2018 AATCC 20 A-2018 CAN/CGSB-4.2 No. 14-2005 AS 2001.7-2005 (R2016)	Up to 100%
02.	Textile, Garment & Accessories	Flammability of General clothing textile	CAN/CGSB-4.2 NO. 27.5:2008 16 CFR 1610:2008	0-15 sec
03.	Textile, Garment & Accessories	Flammability of General clothing textile	16 CFR 1615:2010 16 CFR 1616:2010	0-10 inch
04.	Textile, Garment & Accessories	Colour Fastness to Ozone	AATCC 109: 2016	Grade : 1-5
05.	Textile & Garment	Colour Fastness To Phenolic Yellowing of Materials	ISO 105 X18: 2007	Grade : 1-5
06.	Textile, Garment & Accessories	Colour Fastness to Light	ISO 105 B02: 2014 AATCC 16.3, Option 3 – 2014	Rating : 1 – 8 Rating : 1 – 8 Rating : 1 – 8 Grade : 1 – 5
07.	Textile, Garment & Accessories	Colour Fastness to Perspiration	AATCC 15 : 2013 BS EN ISO 105-E04: 2013 AS 2001.4.E04- 2004(R2016)	Grade : 1-5
08.	Textile, Garment & Accessories	Colour Fastness to Water	AATCC 107: 2013 BS EN ISO 105 E01: 2013 AS 2001.4.E01- 2001(R2016)	Grade : 1-5
09.	Textile, Garment & Accessories	Colour Fastness to Sea Water	AATCC 106-2013 BS EN ISO 105 E02: 2013 AS 2001.4.E02-2001	Grade : 1-5
10.	Textile, Garment & Accessories	Colour Fastness to Laundering: Accelerated	AATCC 61-2013	Grade : 1-5

  
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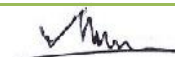
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11.	Textile, Garment & Accessories	Colour Fastness to Domestic & Commercial Laundering	ISO 105 C06 : 2010 AS 2001.4.15-2006(R2016)	Grade : 1-5
12.	Textile, Garment & Accessories	Colour Fastness to Crocking	AATCC 8 : 2016 AATCC 116: 2018	Grade : 1-5
13.	Textile, Garment & Accessories	Colour Fastness to Rubbing	BS EN ISO 105 X12 : 2016 AS 2001.4.3-1995(R2016)	Grade : 1-5
14.	Textile, Garment & Accessories	Colour Fastness to Dry Cleaning	ISO 105 D01-2010 [E] AATCC 132-2013	Grade : 1-5
15.	Textile, Garment & Accessories	Colour Fastness to Water: Chlorinated Pool	ISO 105 E03-2010 AATCC 162-2011 AS/NZS 2001.4.5:1998	Grade : 1-5
16.	Textile, Garment & Accessories	Colour Fastness to Water Spotting	BS EN ISO 105 E07-2010	Grade : 1-5
17.	Textile, Garment & Accessories	Colour Fastness To Non-chlorine Bleach	BS EN ISO 105 C09: 2003	Grade : 1-5
18.	Textile, Garment & Accessories	Colour Fastness To Burnt Gas Fumes	AATCC 23: 2015 BS EN ISO 105 G02: 1993	Grade : 1-5
19.	Textile & accessories including print on textile or leather items and polymeric products	Total Lead in paint & similar surface coatings	SOP # 0002 U.S. CPSC 16 CFR 1303 CPSC-CH -E 1003-09.1:2011; C-02.2:2011 Digestion procedure: ASTM E1645: 2016 SOP# 0015 U.S. CPSC 16 CFR 1303 ASTM F2853-10	5 to 5000 ppm. LOD: 1 ppb
20.	Textile, Garments and Accessories (Ceramic, Glass, Crystal, Siliceous Material, Plastic, Metal and leather	Total Lead in substrate in metal and non metal children's product and Children's metal jewelry.	SOP # 0002 U.S. CPSIA of 2008 Title I Section 101, CPSC-CH-E1001-08.2and/orCPSC-CH-E1001-08.3:2012&CPSC-CH-E1002-08.2and/ orCPSC-CH-E1002-08.3:2012	5 to 5000 ppm. LOD: 1 ppb
21.	Textile & accessories including print	Phthalates Content in Toys, children's products, childcare article & Textiles.	SOP # 0001 (CPSIA 2008 (HR 4040) title 1-section 108&CPSC-CH-	50-1000mg/Kg LOD: 12.5 mg/kg

  
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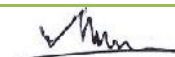
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	on textile	1. Diisobutyl phthalate (DIBP). 2. DibutylPhthalate(DBP) 3. Di-n-pentyl phthalate (DPENP), 4. Di-n-hexyl phthalate (DHEXP), 5. Dicyclohexyl phthalate (DCHP), 6. Di-(2-ethylhexyl) phthalate(DEHP), 7. Benzyl Butyl Phthalate(BBP), 8. Diisononyl phthalate(DINP),	C1001-09.4:2018)  SOP # 0033 (ISO 14389:2014)	
22.	Textile Polymer and composite materials; Plastic and Coating materials	Total cadmium content	SOP # 0016 (EN-1122):2001 CPSC-CH-E1004-11	Cd: 5 to 3000 mg/kg LOD : 1ppb
23.	Textile & Leather	Determination of pH of aqueous textile extract	SOP # 0007 (ISO 3071):2006 SOP # 0008 (AATCC 81):2016 SOP # 14 (BS EN1413):1998 SOP # 0038 (BS EN ISO 4045:2018)	1-14
24.	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-Cresidine (120-71-8); 2,4,5-Trimethylaniline(137-17-7); 4-Chloro-o-Toluidine (95-69-2);	SOP # 0009 (EN 14362-1:2017) SOP # 10a (ISO 17234-1:2015/2003) SOP # 10b (ISO 17234-2:2011) SOP# 00012 (GB/T 23344-2009) SOP# 00012a (EN 14362-3: 2017) SOP#0011 (EN 14362-1: 2017)	5-500 mg/kg.  LOD: 0.5 mg/kg

  
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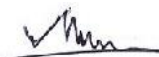
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		2,4-Toluylenediamine (95-80-7); 2,4-Diaminoanisole (615-05-4); 2-Naphthylamine (91-59-8); 2-Amino-4-Nitrotoluene (99-55-8); 4-Aminodiphenyle (92-67-1); 4,4'-Oxydianiline (101-80-4); Benzidine (92-87-5); 4,4'-Diaminodiphenylmethane (101-77-9); o-Aminoazotoluene (97-56-3); 3,3'-Dimethyl-4,4'-Diaminodiphenylmethane (838-88-0); 3,3'-Dimethylbenzidine (119-93-7); 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);	SOP#0011 (GB/T 17592: 2011) SOP#0013 (GB/T 19942: 2005)	
25.	Textile a) Surface coating materials (Coating, Printing ink and pigments);	Soluble Heavy Metal Test	SOP # 0004; (ASTM F963-2017 Section 4.3.5.1 & 4.3.5.2; EN 71-3):2013 SOP#0004b SOP#0004c (EN 71-3:2013+A2:2017)	Pb: 0.1 to 1000 mg/kg Cd: 0.1 to 1000 mg/kg Cr: 0.1 to 1000 mg/kg As: 0.1 to 1000 mg/kg Ba: 0.1 to 1000 mg/kg Se: 0.1 to 1000 mg/kg Sb: 0.1 to 1000 mg/kg Hg: 0.1 to 1000 mg/kg B: 0.1 to 1000 mg/kg

  
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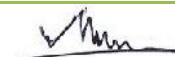
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	b) Children's products toy substrate materials		SOP#0004d (EN 71-3:2013+A3:2018)	Al: 0.1 to 1000 mg/kg Mn: 0.1 to 1000 mg/kg Co: 0.1 to 1000 mg/kg Ni: 0.1 to 1000 mg/kg Cu: 0.1 to 1000 mg/kg Zn: 0.1 to 1000 mg/kg Sr: 0.1 to 1000 mg/kg Sn: 0.1 to 1000 mg/kg
26.	Textile and leather	Disperse Dyes	SOP # 22 (DIN 54231: 2005)	5-1000mg/kg LOD: 0.5 mg/kg
27.	Liquid, textile, polymeric and other materials	Determination of Polycyclic Aromatic Hydrocarbons (PAHs)	SOP # 0043; (AfPS GS 2014:01 PAK)	0.1 – 500 mg/kg
28.	Textiles and coated material	Determination of Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulphonates (PFOS)	SOP # 0044 (Solvent Extraction /LCMSD) (CEN/TS 15968)	1 µg/m <sup>2</sup> -100 µg/m <sup>2</sup>
29.	Textile and leather	Free and Hydrolyzed Formaldehyde	JIS L1041:2011PartA&B, Japan Law No.1 12 AATCC 112:2014 ISO-14184-1:2011 and GB/T 2912-1:2009 ISO-14184-2:2011 and GB/T 2912-2:2009 SOP # 0025 (ISO 17226-1&2: (IULTCS IUC19):2008)	JIS A: (0.03 to 4.5) abs JIS B: 16 to 3000 mg/kg AATCC 112: 16 to 3500mg/kg ISO-14184-1 and GB/T 2912-1: 16 to 3500 mg/kg ISO-14184-2 and GB/T 2912-2 16 to 3500 mg/kg
30.	Leather	Estimation of Chromium (VI) content	MTS Validated In-House Method/ SOP#0030 Based on DIN 53314 SOP # 0031 Based on EN ISO 17075-2017; DIN 53314- 1996	1-100 mg/kg LOD: 0.25 mg/kg
31.	Textile accessories/ Leather accessories	Estimation of Nickel Release	MTS Validated In-House Method/ SOP # 0024: 2016 (DIN EN 1811:2011+A1:2015 and 12472:2005A1-2009)	0.05 -10 µg/cm <sup>2</sup> /week.
32.	Textile, Garment & Accessories	Extractable Heavy metals 1. Silver (Ag) 2. Arsenic (As)	MTS Validated In-House Method/ SOP # 0029 : 2016 ( Extraction as per ISO 105E04:2013 & ICPMS; EN 16711-2: 2015 (E);	Pb: 0.1-125 mg/kg; LOD: 1ppb Co: 0.1-125 mg/kg; LOD: 1ppb Cr: 0.1-125 mg/kg;

  
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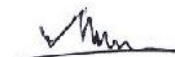
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		3. Cadmium (Cd) 4. Barium (Ba) 5. Tin (Sn) 6. Copper (Cu) 7. Zinc (Zn) 8. Magnesium (Mg) 9. Aluminum 10. Selenium (Se) 11. Molybdenum (Mo) 12. Lead (Pb) 13. Nickel (Ni) 14. Chromium (Cr) 15. Cobalt (Co) 16. Manganese (Mn) 17. Mercury (Hg) 18. Antimony (Sb) 19. Chromium (Cr) VI	ISO 17072-2011)	LOD: 1ppb Cr(VI): 0.5-500 mg/kg; LOD: 0.01ppb Ni: 0.1-125 mg/kg; LOD: 1ppb Mn: 0.1-125 mg/kg; LOD: 1ppb Cu: 0.5-500 mg/kg; LOD: 5 ppb Ba: 0.5-500 mg/kg; LOD: 5 ppb Sn: 0.5-500 mg/kg; LOD: 5 ppb Zn: 0.5-500 mg/kg; LOD: 5 ppb Se: 0.5-500 mg/kg; LOD: 5 ppb Mg: 0.5-500 mg/kg; LOD: 5 ppb Mo: 0.5-500 mg/kg; LOD: 5 ppb Sb: 0.5-500mg/kg; LOD: 5 ppb Al: 0.5-500 mg/kg; LOD: 5 ppb As: 0.03-50 mg/kg; LOD: 0. 2 ppb Ag: 0.03-50 mg/kg; LOD: 0. 2 ppb Cd: 0.03-50 mg/kg; LOD: 0. 2ppb Hg: 0.005-20 mg/kg; LOD: 0.5 ppb
33.	Textile & accessories including plastic, Print, Liquid, Leather	Determination of APEO/AP content: 1. Octylphenoxyethoxylates (OPEOs), 2. Nonylphenoxyethoxylates (NPEOs), 3. Octylphenol (OP) 4. Nonylphenol (NP)	MTS Validated In-House Method/ SOP # 0020: 2016 (ISO 18254-1:2016; ISO/DIS 18218-1&2:2015	OPEOs: 10-2000 mg/kg LOD: 10 mg/kg NPEOs: 10-2000 mg/kg LOD: 10 mg/kg OP : 10-2000 mg/kg LOD: 10 mg/kg NP : 10-2000 mg/kg LOD: 10 mg/kg
34.	Textile Products	Determination of Pentachlorophenol (PCP), Tetrachlorophenol (TeCP), Trichlorophenol (TCP) and Orthophenylphenol (OPP) in Textile	MTS Validated In-House Method/ SOP # 0027: 2016 (Solvent Extraction /GCMS)	PCP: 0.05-50 mg/kg LOD: 0.005 mg/kg TeCP: 0.05-50 mg/kg LOD: 0.005 mg/kg OPP: 0.05-50 mg/kg LOD: 0.005 mg/kg

  
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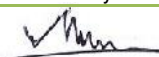
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35.	Leather	Determination of Pentachlorophenol (PCP), Tetrachlorophenol (TeCP), Trichlorophenol (TCP) and Orthophenylphenol (OPP) in leather.	MTS Validated In-House Method/ SOP # 0026: 2016 (Solvent Extraction /GCMS); EN ISO 17070: 2015.	PCP: 0.05-50 mg/kg LOD: 0.005 mg/kg TeCP: 0.05-50 mg/kg LOD: 0.005 mg/kg OPP: 0.05-50 mg/kg LOD: 0.005 mg/kg
36.	Textile & accessories including print on textile	Dimethyl Fumarate	MTS Validated In-House Method/ SOP#0037:2016 (Solvent Extraction /GCMS); (CEN ISO/TS 16186:2012.)	0.05 – 1000 mg/kg LOD: 5 mg/kg
37.	Textile & accessories including plastic	Determination Of Isocyanates Content 1. Hexamethylenedii socyanate (HDI), 2. Isophoronediiisocyanate (IPDI), 3. Tetramethylxylene diisocyanate (TMXDI), 4. Toluene diisocyanate (Mixture of 2,4-TDI & 2,6-TDI), 5. Diphenylmethane diisocyanate (MDI), 6. Napthalene -1,5, di-isocyanate (15-NDI)	MTS Validated In-House Method/ SOP # 0028: 2016 (Solvent Extraction /GCMS/LCMS)	HDI:1-1000 mg/kg LOD: 0.25 mg/L IPDI:1-1000 mg/kg LOD: 0.25 mg/L TMXDI:1-1000 mg/kg LOD: 0.25 mg/L 2,4-TDI & 2,6 TDI:1-1000 mg/kg LOD: 0.25 mg/L MDI:1-1000 mg/kg LOD: 0.25 mg/L 1,5_NDI:1-1000 mg/kg LOD: 0.25 mg/L
38.	Textile & accessories including plastic	Determination Of Organotin Content 1. Monobutyl tin , MBT 2. Dibutyl tin , DBT 3. Tributyl tin , TBT 4. Triphenyl tin , TPhT 5. Tetrabutyl tin, TTBT 6. Tripropyl tin , TPT 7. Monoctyl tin , MOT 8. Dioctyl tin , DOT 9. Trioctyl tin, TOT 10. Tricyclohexyl tin , TCyT	MTS Validated In-House Method/ SOP#0023:2016 (Solvent Extraction /GCMS); CEN ISO/TS 16179:2012; EN ISO 17353: 2005.	MBT: 0.05-100 mg/kg LOD: 0.025 mg/L DBT: 0.05-100 mg/kg LOD: 0.025 mg/L TBT: 0.05-100 mg/kg LOD: 0.025 mg/L TPhT: 0.05-100 mg/kg LOD: 0.025 mg/L TTBT: 0.05-100 mg/kg LOD: 0.025 mg/L TPT: 0.05-100 mg/kg LOD: 0.025 mg/L MOT: 0.05-100 mg/kg LOD: 0.025 mg/L DOT: 0.05-100 mg/kg LOD: 0.025 mg/L TOT: 0.05-100 mg/kg LOD: 0.025 mg/L TCyT: 0.05-100 mg/kg

  
 Quality Manager

## SCOPE OF ACCREDITATION

(For Testing Laboratory)

**CAB Name & Address:** Modern Testing Services (Bangladesh) Ltd.  
280, East Narsinghpur, Ashulia, Savar,  
Dhaka-1341, Bangladesh.

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

**Accreditation Date:** 23 July 2014

**Certificate Number:** 01.015.14

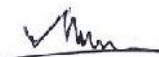
**Issued on:** 08 August 2018

**Last Amended on:** 22 Dec 2019

**Valid until:** 23 July 2021

**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
				LOD: 0.025 mg/L
39.	Textile, Garment & Accessories	Total Heavy Metal content 1. Silver (Ag) 2. Arsenic (As) 3. Cadmium (Cd) 4. Barium (Ba) 5. Tin (Sn) 6. Copper (Cu) 7. Zinc (Zn) 8. Lead (Pb) 9. Nickel (Ni) 10. Chromium (Cr) 11. Cobalt (Co) 12. Mercury (Hg) 13. Chromium (Cr) VI 14. Antimony (Sb)	MTS Validated In-House Method / SOP # 0040 (Acid Digestion/ICP-MS); EN ISO 17072-1 & 2 2011 BS EN 16711-1:2015	Range : Ag: 5-5000 mg/kg; LOD: 1 mg/kg As: 5-5000 mg/kg; LOD: 1 mg/kg Cd: 5-5000 mg/kg LOD: 1 mg/kg Ba: 5-5000 mg/kg LOD: 1 mg/kg Sn: 5-5000 mg/kg; LOD: 1 mg/kg Cu: 5-5000 mg/kg; LOD: 1 mg/kg Zn: 5-5000 mg/kg; LOD: 1 mg/kg Pb: 5-5000 mg/kg; LOD: 1 mg/kg Ni: 5-5000 mg/kg; LOD: 1 mg/kg; Cr: 5-5000 mg/kg; LOD: 1 mg/kg Co: 5-5000 mg/kg; LOD: 1 mg/kg; Hg: 0.25-5000 mg/kg; LOD: 1 mg/kg; Cr (vi): 5-5000 mg/kg; LOD: 1 mg/kg; Sb: 5-5000 mg/kg; LOD: 1 mg/kg.
40.	Textile, Garment & Accessories	Chlorinated Organic Compounds 1. 2-Chlorotoluene, 2. 3-Chlorotoluene, 3. 4-Chlorotoluene, 4. 2,4-Dichlorotoluene, 5. 2,5-Dichlorotoluene, 6. 2,6-Dichlorotoluene, 7. 3,4-Dichlorotoluene, 8. 2,3,4-Trichlorotoluene, 9. 2,4,5-Trichlorotoluene, 10. 2,3,4,5-Tetrachlorotoluene 11. 2,3,4,6-Tetrachlorotoluen 12. Pentachlorotoluene, 13. 1,2-Dichlorobenzene, 14. 1,3-Dichlorobenzene, 15. 4-Dichlorobenzene, 16. 1,2,3-Trichlorobenzene, 17. 1,2,4-Trichlorobenzene, 18. 1,2,3,4-Tetrachlorobenzene, 19. 1,2,3,5-Tetrachlorobenzene 20. 1,2,4,5-Tetrachlorobenzene,	MTS Validated In-House Method (Solvent Extraction /GCMS) SOP # 0049 (DIN 5423& BS EN 17137-2018)	0.25-50mg/kg LOD: 0.025mg/L

  
Quality Manager

## SCOPE OF ACCREDITATION

(For Testing Laboratory)

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 280, East Narsinghpur, Ashulia, Savar,  
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**Accreditation Standard:** ISO/IEC 17025:2017

**Accreditation Date:** 23 July 2014

**Certificate Number:** 01.015.14

**Issued on:** 08 August 2018

**Last Amended on:** 22 Dec 2019

**Valid until:** 23 July 2021

**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
		21. Pentachlorobenzene, 22. Hexachlorobenzene,		
41.	Textile, Garment & Accessories	Brominated Flame Retardants	MTS Validated In-House Method /(Solvent Extraction /GCMS )  SOP # 0050 (ISO 17881-1:2016)	2.5-250mg/kg LOD: 0.1 mg/L
42.	Textile, Garment & Accessories	Phosphorous Flame Retardants	MTS Validated In-House Method /(Solvent Extraction /LCMS)  SOP # 0051 (ISO 17881-2:2016)	2.5-250mg/kg LOD: 0.1 mg/L
43.	Textile, Garment & Accessories	Triclosan	MTS Validated In-House Method /(Solvent Extraction /GCMS) SOP # 0048	0.1-10mg/kg LOD: 0.1 mg/kg

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

  
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 Quality Manager