

**Laboratory** Bureau Veritas Consumer Products Services (Chittagong) Ltd.,  
Central Store Area, Karnaphuli Export Processing Zone (KEPZ),  
North Patenga, Chittagong, Bangladesh

**Accreditation Standard** ISO/IEC 17025: 2005

**Discipline** Chemical Testing **Issue Date** 04.05.2014

**Certificate Number** T-2217 **Valid Until** 03.05.2016

**Last Amended on** 19.05.2014 **Page** 1 of 10

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
<b>I. TEXTILES &amp; RELATED PRODUCTS</b>				
1.	<b>Garment / Fabric</b>	C/F To Laundering – Home & Commercial : Accelerated, Modified 2A Cold (27 <sup>0</sup> C), 2A Warm (49 <sup>0</sup> C)	AATCC 61: 2013 BS EN ISO 105 CO6:2010 BS EN ISO 105 CO8:2010 BS EN ISO 105 CO9 :2003 CAN/CGSB 4.2 NO.19.1 :2004	Grade 1.0 to 5.0
		C/F to Perspiration	AATCC – 15: 2013 ISO 105 E04 : 2013	Grade 1.0 to 5.0
		C/F to Water	AATCC – 107: 2013 BS EN ISO 105 EO1:2013	Grade 1.0 to 5.0
		C/F to Sea Water	AATCC – 106: 2013 BS EN ISO 105 EO2:2013	Grade 1.0 to 5.0
		Fibre Analysis: Qualitative	AATCC – 20: 2013	Qualitative
		Fibre Analysis: Quantitative	AATCC – 20A: 2013	Upto 100 %
		C/F to Dry-cleaning	AATCC 132: 2013 ISO 105 DO1:2010	Grade 1.0 to 5.0
		C/F to Water : Chlorinated Pool	AATCC 162: 2011 ISO 105 EO3:2010	Grade 1.0 to 5.0
		Dimensional changes to Automatic Home Laundering of Woven & Knit fabrics	AATCC 135: 2012	Up to ±50%

**Laboratory** Bureau Veritas Consumer Products Services (Chittagong) Ltd.,  
Central Store Area, Karnaphuli Export Processing Zone (KEPZ),  
North Patenga, Chittagong, Bangladesh

**Accreditation Standard** ISO/IEC 17025: 2005

**Discipline** Chemical Testing **Issue Date** 04.05.2014

**Certificate Number** T-2217 **Valid Until** 03.05.2016

**Last Amended on** 19.05.2014 **Page** 2 of 10

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	<b>Garment / Fabric</b>	Dimensional changes to Automatic Home Laundering of Garments	AATCC 150: 2012	Up to $\pm 50\%$
		Skewness change in fabric and garment twist resulting from automatic Home Laundering	AATCC 179: 2012	Up to $\pm 30\%$
		Dimensional change in Laundering	ISO 5077:2007 BS EN 25077:1994 ISO 6330:2012 BS EN 26330:1994 ISO 3759:2011	Up to $\pm 50\%$
		C/F to Crocking : AATCC Crocking Method	AATCC 8:2013 BS EN ISO 105 X12 :2002	Grade 1.0 to 5.0
		Water Repellency: Spray Test	AATCC 22: 2010	Grade 1.0 to 5.0
		Water Resistance: Rain Test	AATCC 35: 2013	(0 to 5) g
		C/F Burnt Gas Fume	AATCC 23: 2010 ISO 105 GO2 :1997	Grade 1.0 to 5.0
		CF to Ozone	AATCC 109: 2011 ISO 105 GO3:1997	Grade 1.0 to 5.0
		CF to Phenolic Yellowing	BS EN ISO 105 X18:2007 CPSD-SL-31035 :2010	Qualitative

<b>Laboratory</b>	<b>Bureau Veritas Consumer Products Services (Chittagong) Ltd., Central Store Area, Karnaphuli Export Processing Zone (KEPZ), North Patenga, Chittagong, Bangladesh</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>04.05.2014</b>
<b>Certificate Number</b>	<b>T-2217</b>	<b>Valid Until</b>	<b>03.05.2016</b>
<b>Last Amended on</b>	<b>19.05.2014</b>	<b>Page</b>	<b>3 of 10</b>

<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>Garment / Fabric</b>	CF to Saliva	DIN 53160 : 2010 35 LMBG 82.10 : 1985 GB/T 18886 :2002	Grade 1.0 to 5.0
		CF to Dye Transfer	AATCC 163 : 2013	Grade 1.0 to 5.0
		CF to Hot Pressing	AATCC 133 : 2013 ISO 105 X11:1994	Grade 1.0 to 5.0
		CF to Light	AATCC 16.3 : 2012 ISO 105 BO2:2013	Grade 1.0 to 5.0
		CF to Light & Perspiration	AATCC 125 : 2013 ISO 105 BO7:2009	Grade 1.0 to 5.0
		Free Formaldehyde Content	ISO 14184-Part 1: 2011 GB/T 2912-1:2009 JIS 1041 A & B :2011 In-house CPSD-AN-00054- MTHD-2013 In-house CPSD-AN-00019- MTHD-2013	(1 to 10000) mg/kg Abs: 0.001 to 10
		Released Formaldehyde Content	ISO 14184-2: 2011 GB/T 2912-2: 2009 AATCC 112: 2008 In-house CPSD-AN-00055- MTHD-2013 In-house CPSD-AN-00020- MTHD-2013	(1 to 10000) mg/kg

**Laboratory** Bureau Veritas Consumer Products Services (Chittagong) Ltd.,  
Central Store Area, Karnaphuli Export Processing Zone (KEPZ),  
North Patenga, Chittagong, Bangladesh

**Accreditation Standard** ISO/IEC 17025: 2005

**Discipline** Chemical Testing **Issue Date** 04.05.2014

**Certificate Number** T-2217 **Valid Until** 03.05.2016

**Last Amended on** 19.05.2014 **Page** 4 of 10

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
2.	Textile fabrics	Determination of resistance to surface wetting (spray test)	BS EN ISO 4920:2012	ISO (1 to 5)
		Bow & Skewness in Woven & Knitted Fabrics	ASTMD D3882- 08 (Reapproved 2012)	(0 to 10) %
		Smoothness appearance of fabrics after repeated home laundering	AATCC 124:2011	SA (1 to 5)
3.	Textiles/ Textile Accessories	pH Value	ISO 3071-2005	1 to 14
		pH Value	AATCC 81: 2012	1 to 14
		Formaldehyde Spot Test	AATCC 94 : 2012	Qualitative
		Migration of Certain elements (As, Ba, Cd, Cr, Hg, Pb, Sb, Se)	EN 71 – 3:2013 CPSD-AN-00003-MTHD-2014	(0.05 to 1000) mg/kg
		Total heavy metal content by Microwave assisted acid digestion method (As, Ba, Cd, Cr, Hg, Pb, Sb,Se)	CPSD-AN-00164-MTHD-2014 (Based on USEPA 3051A, USEPA 3052, ASTM E1645-01)	(0.05 to 1000) mg/kg
		Nickel Spot Test in Metals	PD CR 12471:2002 CPSD-AN-00013-MTHD-2013	Qualitative
4.	Garment	Appearance of apparel and end products after repeated home laundering	AATCC 143:2011	SA (1 to 5) SS (1 to 5) CR (1 to 5)

**Laboratory** Bureau Veritas Consumer Products Services (Chittagong) Ltd.,  
Central Store Area, Karnaphuli Export Processing Zone (KEPZ),  
North Patenga, Chittagong, Bangladesh

**Accreditation Standard** ISO/IEC 17025: 2005

**Discipline** Chemical Testing **Issue Date** 04.05.2014

**Certificate Number** T-2217 **Valid Until** 03.05.2016

**Last Amended on** 19.05.2014 **Page** 5 of 10

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
5.	Textiles	Determination of certain aromatic amines derived from azo colorants: 4-Aminodiphenyl Benzidine 4-Chloro-o-toluidine 2-Naphthylamine o-Aminoazotoluene 5-nitro-o-toluidine (2-Amino-4-nitrotoluene) 4-Chloroaniline (p-Chloroaniline) 4-Methoxy-m-phenylenediamine (2,4-Diaminoanisole) 4,4'-Methylenedianiline (4,4'-Diaminodiphenylmethane) 3,3'-Dichlorobenzidine 3,3'-Dimethoxybenzidine (o-Dianisidine) 3,3'-Dimethylbenzidine (4,4'-Bi-o-toluidine) 4,4'-Methylenedi-o-toluidine (3,3'-Dimethyl-4,4'-diaminodiphenylmethane) p-Cresidine 4,4'-Methylene-bis-(2-chloraniline) 4,4'-Oxydianiline 4,4'-Thiodianiline o-Toluidine 4-Methyl-m-phenylenediamine (2,4-Toluenediamine) 2,4,5-Trimethylaniline o-Anisidine	EN 14362-1:2012 CPSD-AN- 00607- MTHD-2014  EN 14362-3:2012 CPSD-AN-00107- MTHD-2013	(2 to 20000) mg/kg

<b>Laboratory</b>	<b>Bureau Veritas Consumer Products Services (Chittagong) Ltd., Central Store Area, Karnaphuli Export Processing Zone (KEPZ), North Patenga, Chittagong, Bangladesh</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>04.05.2014</b>
<b>Certificate Number</b>	<b>T-2217</b>	<b>Valid Until</b>	<b>03.05.2016</b>
<b>Last Amended on</b>	<b>19.05.2014</b>	<b>Page</b>	<b>6 of 10</b>

<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
		4-Aminoazobenzene (p-Aminoazobenzene) 2,4-Xylidine 2,6-Xylidine 4 aminoazobenzene		
<b>II. LEATHER &amp; LEATHER PRODUCTS</b>				
<b>1.</b>	<b>Leather</b>	Determination of Chromium (VI) Content	DIN 53314:1996 ISO 17075:2007 In-house CPSD-AN-00044- MTHD -2014	(0.02 to 5000) mg/kg
		Determination of certain aromatic amines derived from azo colorants: 4-Aminodiphenyl Benzidine 4-Chloro-o-toluidine 2-Naphthylamine o-Aminoazotoluene 5-nitro-o-toluidine (2-Amino-4-nitrotoluene) 4-Chloroaniline (p-Chloroaniline) 4-Methoxy-m-phenylenediamine (2,4-Diaminoanisole) 4,4'-Methylenedianiline (4,4'-Diaminodiphenylmethane) 3,3'-Dichlorobenzidine 3,3'-Dimethoxybenzidine (o-Dianisidine) 3,3'-Dimethylbenzidine (4,4'-Bi-o-tolidine)	ISO 17234-1:2010 ISO 17234-2:2011 CPSD-AN-00017- MTHD-2013	(2 to 20000) mg/kg

<b>Laboratory</b>	<b>Bureau Veritas Consumer Products Services (Chittagong) Ltd., Central Store Area, Karnaphuli Export Processing Zone (KEPZ), North Patenga, Chittagong, Bangladesh</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>04.05.2014</b>
<b>Certificate Number</b>	<b>T-2217</b>	<b>Valid Until</b>	<b>03.05.2016</b>
<b>Last Amended on</b>	<b>19.05.2014</b>	<b>Page</b>	<b>7 of 10</b>

<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
		4,4'-Methylenedi-o-toluidine (3,3'-Dimethyl- 4,4'-diaminodiphenylmethane) p-Cresidine 4,4'-Methylene-bis-(2-chloraniline) 4,4'-Oxydianiline 4,4'-Thiodianiline o-Toluidine 4-Methyl-m-phenylenediamine (2,4-Toluenediamine) 2,4,5-Trimethylaniline o-Anisidine 4-Aminoazobenzene (p-Aminoazobenzene) 2,4-Xylidine 2,6-Xylidine 4 aminoazobenzene	ISO 17234-1:2010 ISO 17234-2:2011 CPSD-AN-00017- MTHD-2013	(2 to 20000) mg/kg
<b>2.</b>	<b>Leather/ Synthetic Leather</b>	Migration of Certain elements (As, Ba, Cd, Cr, Hg, Pb, Sb, Se)	EN 71 – 3:2013 CPSD-AN-00003-MTHD-2014	(0.05 to 1000) mg/kg
		Total heavy metal content by Microwave assisted acid digestion method (As, Ba, Cd, Cr, Hg, Pb, Sb, Se)	CPSD-AN-00164-MTHD-2014 (Based on USEPA 3051A, USEPA 3052, ASTM E1645-01)	(0.05 to 1000) mg/kg

<b>Laboratory</b>	<b>Bureau Veritas Consumer Products Services (Chittagong) Ltd., Central Store Area, Karnaphuli Export Processing Zone (KEPZ), North Patenga, Chittagong, Bangladesh</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>04.05.2014</b>
<b>Certificate Number</b>	<b>T-2217</b>	<b>Valid Until</b>	<b>03.05.2016</b>
<b>Last Amended on</b>	<b>19.05.2014</b>	<b>Page</b>	<b>8 of 10</b>

<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
--------------	---------------------------------------	--------------------------------	--	---

### III. PLASTICS & PLASTIC PRODUCTS

<b>1.</b>	<b>Plastics &amp; Polymer</b>	Total Cadmium (wet decomposition)	EN 1122:2001 In-house CPSD-AN-00004-MTHD-2013	(1.5 to 50000) mg/kg
		<b>Determination of Phthalates</b> Di-methyl Phthalate(DMP) Di-ethyl Phthalate(DEP) Di-n-propyl Phthalate(DPRP) Di-n-propyl Phthalate(DPRP) Di-isobutyl Phthalate(DIBP) Di-isobutyl Phthalate(DIBP) Di-n-butyl Phthalate(DBP) Di-n-pentyl Phthalate(DnPP) Di-cyclohexyl Phthalate(DCHP) Di-n-hexyl Phthalate(DHP) Di(Ethyl Hexyl) Phthalate (DEHP) Di-n-Octyl Phthalate(DnOP) Dinonyl Phthalate(DNP) Di-iso-octyl Phthalate(DIOP) Di-iso-nonyl Phthalate(DINP) Di-iso-decyl Phthalate(DIDP) Butyl Benzyl Phthalate (BBP) 1,2-benzenedicarboxylic acid, di-C7-11 branched alkyl ester and linear alkyl ester (DHNUP) 1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl ester, C7-rich (DIHP) Bis (2-methoxyethyl) phthalate (BMEP)	CPSC-CH-C1001-09.3:2010 CPSD-AN-00095-MTHD -2014 CPSD-AN-00143-MTHD-2014	(2 to 200000) mg/kg



<b>Laboratory</b>	<b>Bureau Veritas Consumer Products Services (Chittagong) Ltd., Central Store Area, Karnaphuli Export Processing Zone (KEPZ), North Patenga, Chittagong, Bangladesh</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>04.05.2014</b>
<b>Certificate Number</b>	<b>T-2217</b>	<b>Valid Until</b>	<b>03.05.2016</b>
<b>Last Amended on</b>	<b>19.05.2014</b>	<b>Page</b>	<b>9 of 10</b>

<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
	<b>Plastics &amp; Polymer</b>	Migration of Certain elements (As, Ba, Cd, Cr, Hg, Pb, Sb, Se)	EN 71 – 3:2013 CPSD-AN-00003-MTHD-2014	(0.05 to 1000) mg/kg
		Total heavy metal content by Microwave assisted acid digestion method (As, Ba, Cd, Cr, Hg, Pb, Sb, Se)	CPSD-AN-00164-MTHD-2014 (Based on USEPA 3051A USEPA 3052, ASTM E1645-01)	(0.05 to 1000) mg/kg
		PVC Identification in PVC Materials	CPSD-AN-00023-MTHD-2013 (Beilstein & FTIR)	Qualitative

#### **IV. PAINT & SURFACE COATINGS**

<b>1.</b>	<b>Paint &amp; Coating</b>	<b>Determination of Phthalates</b> Di-methyl Phthalate(DMP) Di-ethyl Phthalate(DEP) Di-n-propyl Phthalate(DPRP) Di-n-propyl Phthalate(DPRP) Di-isobutyl Phthalate(DIBP) Di-isobutyl Phthalate(DIBP) Di-n-butyl Phthalate(DBP) Di-n-pentyl Phthalate(DnPP) Di-cyclohexyl Phthalate(DCHP) Di-n-hexyl Phthalate(DHP) Di (Ethyl Hexyl) Phthalate(DEHP) Di-n-Octyl Phthalate(DnOP) Dinonyl Phthalate(DNP) Di-iso-octyl Phthalate(DIOP) Di-iso-nonyl Phthalate(DINP) Di-iso-decyl Phthalate(DIDP) Butyl Benzyl Phthalate (BBP) 1,2-benzenedicarboxylic acid, di-C7-11 branched alkyl ester and linear alkyl ester (DHNUP)	CPSD-CH-C1001-09.3:2010 CPSD-AN-00095-MTHD -2014 CPSD-AN-00143-MTHD-2014	(2 to 200000) mg/kg
-----------	----------------------------	---	--	---------------------

**Laboratory** Bureau Veritas Consumer Products Services (Chittagong) Ltd.,  
Central Store Area, Karnaphuli Export Processing Zone (KEPZ),  
North Patenga, Chittagong, Bangladesh

**Accreditation Standard** ISO/IEC 17025: 2005

**Discipline** Chemical Testing **Issue Date** 04.05.2014

**Certificate Number** T-2217 **Valid Until** 03.05.2016

**Last Amended on** 19.05.2014 **Page** 10 of 10

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	<b>Paint &amp; Coating</b>	1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl ester, C7-rich (DIHP) Bis(2-methoxyethyl) phthalate (BMEP)		
		Total heavy metal content by Microwave assisted acid digestion method (As, Ba, Cd, Cr, Hg, Pb, Sb,Se)	CPSD-AN-00164-MTHD-2014 (Based on USEPA 3051A USEPA 3052, ASTM E1645-01)	(0.05 to 1000) mg/kg
<b>V.</b>	<b>TOYS</b>			
<b>1.</b>	<b>Toys and other articles intended for use by children</b>	Total Lead content in surface coating	CPSC-CH-E1003-09.1:2011 ASTM E 1645-1-2007 ASTM E 1613-1-2012 In-house CPSD-AN-00001-MTHD-2013	(0.1 to 50000) mg/kg
		Total Lead In Children Metal Products (Including Children Metal Jewelry)	CPSC-CH-E1001-08.2:2012, ASTM F963:2011, In-house CPSD-AN-00185-MTHD-2013	(1 to 50000) mg/kg
		Total Lead In Non-Metal Children Products	CPSC-CH-E1002-08.2:2012 In-house CPSD-AN-00196-MTHD-2013	(1 to 50000) mg/kg

**-X-X-X-X-X-X-X-X-X-X-X-X-**