



Valid from 14 October 2023
to 13 October 2026
Issued on 14 October 2023

As an accredited laboratory, this laboratory is entitled to
use the following accreditation symbol.



ISO/IEC 17025
TL 003- 03

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: TL 003-03

Textile Laboratory
SGS Lanka (Pvt) Limited
No 141/6,141/7, Vauxhall Street
Colombo 02.

Scope of Accreditation: Performing Chemical Testing on textile, leather, liquid, polymeric, powder materials, fabric, plastic, footwear, rubber, childcare items and toys and elastomer materials and plastic materials and Mechanical Testing on Fabrics, Garments, Toys, Accessories, Plastic films, Metal & Non-metal Objects, Jewelries, Leather, Paints & Similar Surface Coating, Glass materials, Ceramics & footwear as per the test methods appearing in this schedule.

The laboratory is accredited for the tests appear from page 02 to 33;

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
01	Textile	Colour fastness to Dry cleaning	ISO 105-D01 : 2010(R2015) EN ISO 105-D01:2010 BS EN ISO-105-DO1 : 2010 DIN EN ISO-105-D01:2010-10 GB/T 5711:2015 AATCC TM132-2004e3(2013)e3	R : 1 to 5 Grade
02	Textile	Colour fastness to Perspiration	ISO-105-E04 : 2013 BS EN ISO-105-E04 : 2013 DIN EN ISO-105-E04 : 2013 EN ISO -105-E04:2014 GB/T 3922 2013 AATCC TM15-2013e	R : 1 to 5 Grade
03	Textile	Colour fastness to Rubbing	ISO 105-X12 : 2016 BS EN ISO X12 : 2016 DIN EN ISO X12 : 2016-02 EN ISO X12 : 2016 GB/T 3920-2008 AATCC 8 : 2016	R : 1 to 5 Grade
04	Textile	Colour fastness to Hot Pressing	ISO 105-X11 : 1994 BS EN ISO 105-X11 : 1996 EN ISO 105-X11 : 1996 DIN EN ISO 105-X11 : 1996-10 AATCC 133:2020	R : 1 to 5 Grade
05	Textile	Colour fastness to domestic and commercial laundering	ISO-105-C06 : 2010 BS EN ISO 105 C06:2010 EN ISO-105-C06:2010 DIN EN ISO-105-C06:2010-08	R : 1 to 5 Grade
		Colorfastness to Laundering: Accelerated	AATCC 61:2020	
		Colour fastness to washing with Soap or Soap and Soda	ISO 105 C10:2006 BS EN ISO-105-C10 : 2007 DIN EN ISO-105-C10 : 2007-06 EN ISO-105-C10 : 2007	R : 1 to 5 Grade
		Color fastness to washing	GB/T 3921.1 or 3:2008	
		Colour fastness to domestic and commercial laundering using a non-phosphate reference detergent incorporating a low temperature bleach activator	ISO 105-C08 : 2010 EN ISO 105 C08:2010 BS EN ISO 105 C08:2010 DIN EN ISO 105 C08:2010	R : 1 to 5 Grade

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
06	Textile	Determination of pH of aqueous extract	ISO 3071 : 2020 BS EN ISO 3071:2020 DIN EN ISO 3071:2020-5 EN ISO 3071:2020	R : 1 to 14
			GB/T 7573-2009	
			AATCC 81 : 2016	
07	Textile	Assessment of the potential to phenolic yellowing of materials	ISO 105:X18:2007 BS EN ISO 105 X18:2007 DIN EN ISO 105 X18:2007-12 EN ISO 105 X18:2007	R : 1 to 5 Grade
08	Textile	Colour fastness to sea water	BS EN ISO 105-E02 : 2013 ISO 105 E02:2013 DIN EN ISO 105 E02:2013 EN ISO 105 E02:2013	R : 1 to 5 Grade
			AS2001.4.E02:2001(R2016)	
			AATCC 106:2013	
09	Textile	Colour fastness to water	ISO-105-E01 : 2013 BS EN ISO 105 E01:2013 EN ISO 105 E01:2013 DIN EN ISO 105 E01:2013-06	R : 1 to 5 Grade
			GB/T 5713-2013	
			AATCC 107:2013	
			AS 2001.4.E01:2001(R 2016)	
10	Textile	Colorfastness to Powdered Non-Chlorine Bleach in Home Laundering	AATCC TM172-2019	R : 1 to 5 Grade
		Colour fastness to nonchlorine bleach	BS EN ISO 105 C09:2003 EN ISO105 C09:2003+A1:2007 DIN EN ISO 105 C09:2007-10 ISO 105 C09:2001+Amd1:2003	R : 1 to 5 Grade

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
11	Textile	Colour fastness to light	AATCC TM16.3-2020	R : 1 to 5 Grade
			ISO 105-B02:2014 BS EN ISO 105 BO2:2014 DIN EN ISO 105 BO2:2014 EN ISO 105 BO2:2014	
12	Textile	Colour fastness to light of Textiles wetted with artificial perspiration	GB/T 14576:2009	R : 1 to 5 Grade
			ISO 105-B07:2009 BS EN ISO 105-B07:2009 DIN EN ISO 105-B07:2009-10 EN ISO 105-B07:2009	
13	Textile	Colorfastness: Dye Transfer in Storage; Fabric-to-Fabric	AATCC 163:2013 (R 2020)	R : 1 to 5 Grade
14	Textile	Colour fastness to Chlorinated water	ISO 105 E03:2010 BS EN ISO E03:2010 DIN EN ISO 105 E03:2010-08 EN ISO 105 E03:2010	R : 1 to 5 Grade
		Colour fastness to Chlorinated pool water	AATCC 162:2019	
15	Textile	Colour fastness to saliva	DIN 53160-1:2010 -10	R : 1 to 5 Grade
			GB/T18886 :2019 64 LFGB B 82.10-1	
16	Textile	Colour fastness to burn gas fumes	ISO 105 G02 :1993/Cor:2009 BS EN ISO 105 G02 :1997 DIN EN ISO 105 G02 :1997-07 EN ISO 105 G02 :1997	R : 1 to 5 Grade
			AATCC 23:2015 Reaffirmed 2010; revised 2015; reaffirmed 2020)	
17	Textile	Colorfastness to Ozone under Low Humidity	AATCC TM109-TM 109	

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
18	Textile	Determination of formaldehyde - Free and hydrolyzed formaldehyde (water extraction method)	ISO 14184-1 :2011 BS EN ISO 14184-1:2011 EN ISO 14184-1:2011 DIN EN ISO 14184-1: 2011	20-600 mg/kg
			JIS L 1041: 2011	20-600 mg/kg
		Determination of formaldehyde - Released formaldehyde (vapor absorption method)	ISO 14184-2: 2011 BS EN ISO 14184-2:2011 EN ISO 14184-2:2011 DIN EN ISO 14184-2:2011	20-600 mg/kg
		Determination of formaldehyde – (Free & Hydrolyzed formaldehyde)	GB/T 2912.1-2009	20-600 mg/kg
19	Textile	Quantitative chemical analysis of fiber mixtures (Cotton, Polyester, Nylon, Silk, Acrylic, Wool, Viscose, Acetate, Polypropylene, Spandex composition only)	BS EN ISO 1833-1:2020 EN ISO 1833-1:2020 ISO 1833-1: 2020 ISO1833-4:2017 BS EN ISO 1833-4:2017 EN ISO 1833-4:2017 ISO 1833-6:2018 BS EN ISO 1833-6:2018 EN ISO 1833-6:2018 ISO 1833-7:2017 BS EN ISO 1833-7:2017 EN ISO 1833-7:2017 ISO 1833-11:2017 BS EN ISO 1833-11:2017 EN ISO 1833-11:2017 ISO 1833-3: 2020 ISO 1833-9/10 ISO 1833-12:2020 BS EN ISO 1833-3/9/10/12:2019 EN ISO 1833-/9/10/12:2019 ISO 1833-/5/8:2006 BS EN ISO 1833-2/3 : 2020 EN ISO 1833-2/32020 ISO 1833//2/3 2020	0% -100%
			BS4407:1988/In accordance with regulation (EU) No.1007/2011 73/44/EEC and 96/73/EC amended by 2006/2/EC	0% -100%
			CGSB 4.2 NO.14-M88-2005 CAN/CGSB	0% -100%
		Fiber Analysis: Qualitative	AATCC TM20-2021	-
		Fiber Analysis: Quantitative	AATCC TM20A-2021	0% -100%
		Fiber Analysis: Quantitative	GB/T2910; GB/T2911etc	0% -100%

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
20	Phthalate in child care items and toys	Di-Butyl Phthalate (DBP)	RSTS-CHEM-206-3 Based on EN 14372:2004 (E)	(30-500000)mg/kg (0.003%-50%)
		Di-2-Ethyl Hexyl Phthalate (DEHP)		
		Benzyl Butyl Phthalate (BBP)		
		Di Iso Nonyl Phthalate (DINP)		
		Di-N-Octyle Phthalate (DNOP)		
		Di Iso Decyl Phthalate (DIDP)		
		Di isopentyl Phthalate (DIPP)		
		N-pentyl isopentyl Phthalate (NPIPP)		
		Di-n-pentyl Phthalate (DnPP)		
		Bis (2-methylethyl) Phthalate(DMEP)		
		Di-n-hexyl Phthalate (DnHP)		
		Di-isobutyl Phthalate (DIBP)		
		Di-isoheptyl Phthalate (DIHP)		
		Didecyl Phthalate (DUDP)		
		Dimethyl Phthalate (DMP)		
		Diethyl Phthalate (DEP)		
		Di (heptyl,nonyl,undecyl) Phthalate (DHNUP)		
21	Phthalate in child care items, toys, textile products & liquid or powder materials.	Di-Butyl Phthalate (DBP)	RSTS-Chem-206-6 Based on CPSC-CH-C1001-09.4 ISO 14389:2014 GB/T 24168:2009	(30-500000) mg/kg (0.003%-50%)
		Di-2-Ethyl Hexyl Phthalate (DEHP)		
		Benzyl Butyl Phthalate (BBP)		
		Di Iso Nonyl Phthalate (DINP)		
		Di-N-Octyle Phthalate (DNOP)		
		Di Iso Decyl Phthalate (DIDP)		
		Di iso butyl phthalate (DIBP)		
		Di-n-hexyl phthalate (DnHP)		
		Di-undecyl- phthalate (DUDP)		
		Di-n-pentyl phthalate (DnPP)		
		Bis (2-methoxyethyl) phthalate (DMEP)		
		Di-isopentyl phthalate (DIPP)		
		N-pentyl isopentyl phthalate(NPIPP)		
		Di-iso-heptyl phthalate (DIHP)		
		Di (heptyl, nonyl.undecyl) phthalate (DHNUP)		
		Di-Ethyl Phthalate (DEP)		
		Di-methyl Phthalate (DMP)		
		Di-propyl phthalate (DPrP)		
		Di-phenyl Phthalate (DPhP)		

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
22	Phthalate in child care items, toys, textile products & liquid or powder materials.	Di-Heptyl Phthalate (DnHpP)	RSTS-Chem-206-6 BASED ON CPSC-CH-C1001-09.4 ISO 14389:2014 GB/T 24168:2009	(30-500000) mg/kg (0.003%-50%)
		Di-cyclohexyl Phthalate (DCHP)		
		Di-isooctylPhthalte (DIOP)		
		Di-benzylPhthalte (DBzP)		
		Di-(2-propyl heptyl) phthalate (DPHP)		
		Dihexyl Phthalate (DHP)		
		Diundecyl Phthalate (DDP)		
		1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and Octyldiesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5)		
		Dinonyl phthalate (DNP)		

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
23	Allogenuous and Carcinogenic dyestuff in Textile, liquid or powder Materials.	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 37/76 Disperse Red 1 Disperse Red 11 Disperse Red 17 Disperse Yellow 1 Disperse Yellow 3 Disperse Yellow 9 Disperse Yellow 39 Disperse Yellow 49 Basic Red 9 Basic violet 14 Disperse Orange 11 Disperse Yellow 23 Disperse Orange 149 Basic Blue 26 Acid Red 26 Direct Black 38 Direct Red 28 Basic Violet 3 Acid violet 49 Solvent yellow 1 Solvent yellow 3 Solvent yellow 2 Direct Blue 6 Solvent blue 4 4,4'-Bis (dimethylamino)-4''-(methylamino) trityl alcohol Direct Brown 95 p-phenylenediamine Navy Blue	RSTS-CHEM-202-1 Based on DIN 54231:2022 DIN 54231:2022 §64 LFGB BVL B 82.02.10-2007 GB/T 20382:2006(mod) GB/T 20383:2006(mod) GB/T 30398:2013(mod) GB/T 30399:2013(mod)	(6-3500)mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
24	AP/APEO	NP (Nonylphenols)	RSTS-CHEM-213-1 Based on (ISO 18218-1:2015) (ISO 18254-1: 2016) (GB/T 23972:2009) (ISO 21084:2019) (ISO 18218-2:2019) (AFIRM RSL 2021V6)	(1-3000) mg/kg
		4-n-Nonylphenol		
		4-tert-Octylphenol		
		4-n- Octylphenol		
		Heptylphenol		
		Pentylpheno		
		4-tert-butylphenol		
		POE (9 to 10) tert- octyl phenol		
		POE (9 to 10) tert- nonyl phenol		
25	Chlorinated organic carriers in textile commodity articles	2 - Chlorotoluene	RSTS-CHEM-204-1 DIN EN 17137:2019 EN 17137:2018	(0.04 -100) mg/kg
		3 - Chlorotoluene		
		4 - Chlorotoluene		
		α - Chlorotoluene		
		1,2 – Dichlorobenzene		
		1,3 - Dichlorobenzene		
		1,4 - Dichlorobenzene		
		2,3 - Dichlorotoluene		
		2,4 - Dichlorotoluene		
		2,5 – Dichlorotoluene		
		2,6 - Dichlorotoluene		
		1,3,5 - Trichlorobenzene		
		1,2,3 - Trichlorobenzene		
		1,2,4 - Trichlorobenzene		
		2,3,6 - Trichlorotoluene		
		2,4,5 - Trichlorotoluene		
		1,2,3,4 - Tetrachlorobenzene		
		1,2,3,5 - Tetrachlorobenzene		
		1,2,4,5 - Tetrachlorobenzene		
		Pentachlorobenzene		
		Hexachlorobenzene		
		Chlorobenzene		
		Pentachlorotoluene		
		3,4 - DiChlorotoluene		
		$\alpha \alpha \alpha$ - Trichlorotoluene		
		2.3.4.6- Tetrachlorotoluene		
		2.3.5.6- Tetrachlorotoluene		
		2.3.4.5- Tetrachlorotoluene		
		$\alpha, \alpha, \alpha, 4$ -Tetrachlorotoluene		

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
26	Organotin content in textile, leather and plastic materials	Monobutyltin (MBT)	RSTS-CHEM-205-01 Based on BS ISO 17353:2004 DIN 38407:13:2001)	(0.02 – 200)mg/kg
		Dibutyltin (DBT)		
		Tributyltin (TBT)		
		Mono-n-Octyltin (MOT)		
		Tetrabutyltin (TeBT)		
		Di-n-Octyltin (DOT)		
		Triphenyltin (TPhT)		
		Tri-Cyclohexyltin (TCyT)		
		Tri-n-octyltin (TOT)		
		Diphenyl tin (DPhT)		
		Monophenyltin (MPhT)		
		Tri-n-propyltin (TPrT)		
		Methyltin (MMT)		
		Dimethyltin (DMT)		
		Trimethyltin (TMT)		
		Tetramethyltin (TeET)		
27	TCP/TECP/PCP in Textile/Printed textile/Printed material/Liquid or Powder materials.	2-MCP	RSTS-CHEM-203-2 Based on DIN 50009:2021 AFIRM RSL 2022_V7 § 64 LFGB, B 82.02.8-2001	(0.05-1000) mg/kg
		3-MCP		
		4-MCP		
		2,3-DCP		
		2,4-DCP		
		2,5-DCP		
		2,6-DCP		
		3,4-DCP		
		3,5-DCP		
		2,4,6 -TCP		
		2,3,6 -TCP		
		2,3,5 -TCP		
		2,4,5 -TCP		
		2,3,4 -TCP		
		3,4,5 -TCP		
		2,3,5,6 - TeCP		
		2,3,4,6 - TeCP		
		2,3,4,5 - TeCP		
		PCP		
		OPP		

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
28	AZO Textile/ Textile paint / Print/ Yarns	4-Aminobiphenyl (CAS No. 92-67-1)	RSTS-CHEM-201-8 Based on	(5 –2000) mg/kg
		Benzidine (CAS No. 92-87-5)	GB/T 17592: 2011)	
		4-Chloro-o-toluidine (CAS No. 95-69-2)	RSTS-CHEM-201-14 Based on ISO 14362-1:2017)	
		2- naphthylamine (CAS No. 91-59-8)		
		o-Aminoazotoluene (CAS No. 97-56-3)		
		2- amino-4- nitrotoluene (CAS No. 99-55-8)		
		4-Chloroaniline (CAS No. 106-47-8)		
		2,4-Diaminoanisole (CAS No. 615-5-4)		
		4,4'-diaminodiphenylmethane (CAS No. 101-77-9)		
		3,3'- dichlorobenzidine (CAS No. 91-94-1)		
		3,3'-dimethoxybenzidine (CAS No. 119-90-4)		
		3,3'- dimethylbenzidine (CAS No. 119-93-7)		
		4,4'- methylenedi-o-toluidine (CAS No. 838-88-0)		
		6-Methoxy-m-toluidine (CAS No. 120-71-8)		
		4,4'-Methylene-bis-(2-chloro-aniline) (CAS No. 101-14-4)		
		4,4'-oxydianiline (CAS No. 101-80-4)		
		4,4'-Thiodianiline (CAS No. 139-65-1)		
		4,4'-Thiodianiline (CAS No. 139-65-1)		
		o-Toluidine (CAS No. 95-53-4)		
		2,4-Toluylenediamine (CAS No. 95-80-7)		
		2,4,5-trimethylaniline (CAS No. 137-177)		
		2-methoxyaniline (CAS No. 90-04-0)		
		2,6-dimethylaniline (CAS No. 95-68-1)		
		2,4-dimethylaniline (CAS No. 87-62-7)		
		4-Aminoazobenzene (CAS No. 60-09-3)	GB/T 23344: 2009 RSTS-CHEM-201-15 (Based on ISO 14362-3: 2017)	(5 –2000) mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
29	Metal Objects Jewelries	Qualitative determination of free Nickel (Spot Test)	RSTS-CHEM-105-6 (based on CR 12471)	$\geq 0.5 \mu\text{g}/\text{cm}^2/\text{week}$
		Determination of Nickel Release	RSTS-CHEM-105-5 (Based on BS EN 12472:2020) and EN 1811: 2011 + A1: 2015)	0.01- 1 $\mu\text{g}/\text{cm}^2/\text{week}$
30	Leather	Determination of Chromium (VI)	RSTS-CHEM-104-6 (Aging) RSTS-CHEM-104-1 (ISO 17075-1:2017)	(0.5 –125) mg/kg
31	Heavy Metals in Toy materials (Migration of certain elements)	Lead	RSTS-CHEM-110-3	(0.03 –250) mg/kg
		Cadmium	ASTM F963-2017	(0.015 –250) mg/kg
		Chromium	EN 71-3:2019+A1:2021	(0.25 –250) mg/kg
		Barium	ISO 8124-3:2020	(0.25 25000)mg/kg
		Antimony	AS/NZS ISO 8124.1:2019	(0.5 –250) mg/kg
		Arsenic		(0.02-250) mg/kg
		Mercury		(0.01-2.5)mg/kg
		Selenium		(0.5– 250) mg/kg
		Aluminium		(0.5-25000) mg/kg
		Boron		(0.25-250) mg/kg
		Chromium		(0.25 –250) mg/kg
		Cobalt		(0.25-250) mg/kg
		Copper		(0.35-250)mg/kg
		Manganese		(0.15-25000) mg/kg
		Nickle		(0.25-250) mg/kg
		Strontium		(0.25-250) mg/kg
		Tin		(0.25-250) mg/kg
		Zinc		(0.35-25000)mg/kg
32	Paint & other similar surface coatings	Lead	CPSC-CH-E1003-09.1, ASTM E 1645 : 2020 : REV A 01, 16 CFR 1303	(1 – 2500) mg/kg
33	Metal objects (Children's products)	Total Lead	CPSC-CH-E1001-08.3	(1 – 2500) mg/kg
34	Non-Metal objects (Children's products)	Total Lead	CPSC-CH-E1002-08.3	(1 – 2500) mg/kg
35	Plastic, Fabric & Glass (plastic beads, toys)	Total lead	RSTS-CHEM-109-2 (US EPA 3052:1996) (US EPA 3050B:1996)	(1 – 2500) mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
36	Textile (Leather, PU leather, textile, rubber, silica gel pellet)	Dimethyl Fumarate (DMFU)	RSTS-CHEM-233-1	(0.1- 500) mg/kg
37	PFOS/PFOA in textile, coated material, plastic, liquid or powder materials.	Perfluorooctanoic acid (PFOA) Heptadecafluorooctanesulfonic acid (PFOS) Perfluorooctane sulphonamide (PFOSA) 8:2 FTS MeFOSA EtFOSA MeFOSE EtFOSE	RSTS-CHEM-219-1 Based on CEN/TS 15968:2010 GB/T 29493.2:2013 ISO 23702-1:2018	(0.01-25) mg/kg
38	PAHs in textile, polymer & rubber type of samples	Naphthalene Acenaphthylene Acenaphthene Fluorene Phenanthrene Anthracene Fluoranthene Pyrene Benzo(a)anthracene Chrysene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenzo(ah)anthracene Benzo(ghi)perylene Benzo(e)pyrene Benzo(j)fluoranthene Cyclopenta(c,d)pyrene Dibenzo(al)pyrene Dibenzo(ae)pyrene Dibenzo(ai)pyrene Dibenzo(ah)pyrene	RSTS-CHEM-232-1 Based on AfPS GS 2019:01 PAK (updated version) US EPA 610:1984	(0.06 –600) mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
39	AZO DYE in Leather samples	4-Aminobiphenyl (CAS No. 92-67-1)	RSTS-CHEM-201-2 Based on ISO 17234-1:2020	(5–2000) mg/kg
		Benzidine (CAS No. 92-87-5)		
		4-Chloro-o-toluidine (CAS No. 95-69-2)		
		2- naphthylamine (CAS No. 91-59-8)		
		o-Aminoazotoluene (CAS No. 97-56-3)		
		2- amino-4- nitrotoluene (CAS No. 99-55-8)		
		4-Chloroaniline (CAS No. 106-47-8)		
		2,4-Diaminoanisole (CAS No. 615-5-4)		
		4,4'-diaminodiphenylmethane (CAS No. 101-77-9)		
		3,3'- dichlorobenzidine (CAS No. 91-94-1)		
		3,3'-dimethoxybenzidine (CAS No. 119-90-4)		
		3,3'- dimethylbenzidine (CAS No. 119-93-7)		
		4,4'- methylenedi-o-toluidine (CAS No. 838-88-0)		
		6-Methoxy-m-toluidine (CAS No. 120-71-8)		
		4,4'-Methylene-bis-(2-chloro-aniline) (CAS No. 101-14-4)		
		4,4'-oxydianiline (CAS No. 101-80-4)		
		4,4'-Thiodianiline (CAS No. 139-65-1)		
		o-Toluidine (CAS No. 95-53-4)	RSTS-CHEM-201-4 Based on ISO 17234-2:2011	(5–2000) mg/kg
		2,4-Toluylenediamine (CAS No. 95-80-7)		
		2,4,5-trimethylaniline (CAS No. 137-17-7)		
		2-methoxyaniline (CAS No. 90-04-0)		

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
40	AZO DYE in Leather samples	4-Aminoazobenzene (CAS No. 60-09-3)	RSTS-CHEM-201-4 Based on ISO 17234-2:2011	(5–2000) mg/kg
		2,4-dimethylaniline (CAS No. 87-62-7)		
		2,6-dimethylaniline (CAS No. 95-68-1)		
		4-aminobenzene (CAS No. 60-09-3)		
41	Allogenuous and Carcinogenic dyestuff in Textile Material	Disperse Blue 1	RSTS-CHEM-202-3 Based on ISO 16373-3:2014	(6-1500) mg/kg
		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 37/76		
		Disperse Red 1		
		Disperse Red 11		
		Disperse Red 17		
		Disperse Yellow 1		
		Disperse Yellow 3		
		Disperse Yellow 9		
		Disperse Yellow 39		
		Disperse Yellow 49		
		Basic Red 9		
		Basic violet 14		
		Disperse Orange 11		
		Disperse Yellow 23		
		Disperse Orange 149		
		Basic Blue 26		
		Acid Red 26		
		Direct Black 38		
		Direct Red 28		
		Basic Violet 3		
		Acid violet 49		
		Solvent yellow 1		
		Solvent yellow 3		
		Solvent yellow 2		
		Direct Blue 6		
		Solvent blue 4		

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
42	Allogenuous and Carcinogenic dyestuff in Textile Material	4,4'-Bis (dimethylamino)-4"- (methylamino) tritylalcohol*	RSTS-CHEM-202-3 Based on ISO 16373-3:2014	(6-1500) mg/kg
		Direct Brown 95		(15-1500) mg/kg
		p-phenylenediamine		
		Disperse Red 151		
		Disperse yellow 7		
		Disperse yellow 56		
		Basic green 4		
		Basic green 4 oxalate		
		Basic green 4 chloride		
		Navy blue		(6-1500) mg/kg
43	TCP/TECP/PCP in Leather, Printed leather Liquid or Powder material	2,4,6 -TCP	RSTS-CHEM-203-1 Based on ISO 17070-2015 64 LFGB, B 82.02.8-2001	(0.05-1000) mg/kg
		2,3,6 -TCP		
		2,3,5 -TCP		
		2,4,5 -TCP		
		2,3,4 -TCP		
		3,4,5 -TCP		
		2,3,5,6 - TeCP		
		2,3,4,6 - TeCP		
		2,3,4,5 - TeCP		
		PCP		

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
44	Organotin content in footwear, liquid or powder material	Monobutyltin (MBT) Dibutyltin (DBT) Tributyltin (TBT) Mono-n-Octyltin (MOT) Tetrabutyltin(TeBT) Di-n-Octyltin (DOT) Triphenyltin (TPhT) Tri-Cyclohexyltin (TCyT) Tri-n-octyltin (TOT) Diphenyl tin (DPhT) Monophenyltin (MPhT) Tri-n-propyltin (TPrT) Methyltin (MMT) Dimethyltin (DMT) Trimethyltin (TMT) Tetraethyltin (TeET)	RSTS-CHEM-205-02 Based on (ISO/TS 16179:2012 (E)) (ISO 22744-1:2020)	(0.02-200)mg/kg
45	Bisphenol A in textile and leather by LCMS	Bisphenol A	RSTS-CHEM-239-01	(0.5- 200) mg/kg
46	Bisphenol A in textile and leather by GCMS	Bisphenol A	RSTS-CHEM-238-01 Based on (DIN 53313, 64 LFGB, BVL B 82.02-8)	(0.4- 200) mg/kg
47	Determination of Monomers released EN toy	Bisphenol A	RSTS-CHEM-306-01 Based on (BS EN 71-9:2005 + A1:2007, BS EN 71-10:2005, BS EN 71-11:2005)	(0.04-50) mg/L
48	Dimethylformamide in Foot wear by GC-MS	Dimethylformamide	LCHE/TM/SOP/98(RSTS-CHEM-266-1 Based on ISO/TS 16189:2021	(0.5-1000) mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
49	Extractable heavy metal in Artificial acidic Sweat solution	Lead	RSTS-CHEM-103-1 (ISO 105-E04, EN ISO 17072-1:2019)	(0.05-500)mg/kg
		Antimony		(0.5-500)mg/kg
		Arsenic	EN 16711-2:2015	(0.05-500)mg/kg
		Nickel		(0.5-500)mg/kg
		Cadmium		(0.05-500)mg/kg
		Chromium		(0.05-500)mg/kg
		Chromium (VI)		(0.5-500)mg/kg
		Mercury		(0.02-500)mg/kg
		Copper		(0.5-500)mg/kg
		Cobalt		(0.5-500)mg/kg
		Barium		(0.5-500)mg/kg
		Selenium		(0.5-500)mg/kg
50	Total Heavy metals	Lead	RSTS-CHEM-108-1 with reference to (US EPA 3051A:2007) (US EPA 6010B:1996) (US EPA 6020:1994)	(0.7-1000)mg/kg
		Cadmium		(0.5-1000)mg/kg
		Chromium		(0.5-1000)mg/kg
		Mercury		(0.1-5.0)mg/kg

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
51	SCCP and MCCP in textile, leather, polymeric, liquid and powder materials	SCCP	RSTS-CHEM-209-1 SCCP_MCCP (Issue No 04) with reference to ISO 18219-1/2: 2021, USEPA Method 8082A:2007 CADS SCCP method v8:2017 ISO 22818:2021	(50-50000)mg/kg
		MCCP		
52	Styrene in fabric, plastic, paint, leather, liquid and powder materials	Styrene	RSTS-CHEM-220-2 with reference with AFRIM RSL 2021v6.0	(0.5-1000)mg/kg
53	Vinyl Chloride Monomer in plastic	VCM	RSTS-CHEM-211-1 with reference to AFIRM RSL 2021v6.0, EN ISO 6401:2008, ASTM D 3749-95	(0.1-50)mg/kg
54	PFOA-Related substances in textile and leather	MePFOA	RSTS-CHEM-219-2 with reference to AFIRM RSL 2021v6.0	(0.01-10) mg/kg
		EtPFOA		
		8:2FTA		
		8:2FTOH		
		8:2FTMA		
55	Brominated Flame Retardant in textile, plastic, leather and liquid samples.	Mono_BDE	RSTS-CHEM-216-1 with reference to ISO 17881-1:2016,	(5-5000)mg/kg
		Di_BDE		
		Tri_BDE		
		Tetra_BDE		
		Penta_BDE		
		Hexa_BDE		
		Hepta_BDE		
		Octa_BDE		
		Nona_BDE		
		Deca_BDE		
		HBCDD		

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
56	Quinoline in textile, footwear and chemical formulation.	Quinoline	RSTS-CHEM-267-1 with reference to DIN 54231:2022	(10-1000) mg/kg
57	Formaldehyde content in leather	Formaldehyde	RSTS-CHEM-101-3 with reference to ISO 17226-1:2021	(5-600) mg/kg
58	Bisphenols in plastic	BPA	RSTS-CHEM-239-3 with reference to AFIRM RSL 2021v6.0	(0.1-200) mg/kg
		BPS		
		BPF		
		BPAF		
		BPB		
59	Phosphate Based Flame Retardant in textile, leather, plastic, liquid or powder material	TCEP	RSTS-CHEM-221-1 (Version 2) with reference to ISO 17881-2:2016	(5-5000) mg/kg
		TDCPP		
60	DMFU in textile, footwear, liquid and powder	DMFU	RSTS-CHEM-233-2 (Version 2) with reference to ISO/TS 16186:2021	(5-5000) mg/kg
		DMMA		
61	Volatile Organic Compounds (VOC) in textile, plastic	Carbon disulfide	RSTS-CHEM-220-1	(5-1000) mg/kg
		Carbon tetrachloride		
		1,1,1-Trichloroethane		
		Benzene		
		1,2-Dichloroethane		
		Trichloroethylene		
		Toluene		
		1,1,2-Trichloroethane		
		Tetrachloroethylene		
		1,1,1,2-Tetrachloroethane		
		Ethylbenzene		
		p,m-xylene		
		o-xylene		
		Cyclohexanone		
		1,1,2,2-Tetrachloroethane		
		Pentachloroethane		
62	Nitrosamines in rubber, Elastomer materials	NDMA	RSTS-CHEM-258-2 (Version 2) with reference to GB/T 24153	(0.1-500) mg/kg
		NDEA		
		NMPhA		
		NDPA		
		NMOR		
		NPyR		
		NEPhA		
		NPIP		
		NDBA		

MECHANICAL SCOPE				
SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
01	Fabric	Methods for analysis of woven fabrics construction – Part 5: Determination of linear density of yarn removed from fabric	ISO 7211-5 2020 BS ISO 7211-5: 2020	10-200 tex
			ASTM D 1059- 2017(R2022)	10-200 tex
02	Textiles and textile products	Determination of thickness of textiles and textile products	ISO 5084 : 1996 BS EN ISO 5084:1997 DIN EN ISO 5084:1996 EN ISO 5084:1996	0.01 to 50.0 mm
		Test method for non wovens- Part 2- Determination of thickness	ISO 9073-2:1995 Cor: 1998 BS EN ISO 9073-2:1997 DIN EN ISO 9073-2:1997 EN ISO 9073-2:1996	
	Plastic – Films & sheets	Determination of thickness by mechanical screening	ISO 4593:1993 DIN ISO 4593:2019-06	
03	Fabrics/ Garments	Determination of mass per unit length and mass per unit area	ISO 3801:1977 (Method 5) BS 2471:2005 (Method 1)	0 to 220g
			BS EN 12127 : 1998 DIN EN 12127:1997 EN ISO 12127:1997	
		Determination of mass per unit area using small samples	ASTM D 3776/D3776M- 2020	
		Method for mass Per Unit Area (Weight) of Fabric	ISO 7211-2-1984 (E) BS EN 1049-2:1994 DIN EN 1049-2:1994-02 EN 1049-2:1993	
04	Fabrics/ Garments	Woven fabrics - Construction Methods of analysis Part 2: Determination of number of threads per unit length	ASTM D 3775 : 2017 : EDT 1	Up to 100 ends & picks/cm
		Method for ends (warp) and picks (filling) count of Woven Fabrics	ASTM D8007:2015(Re 2019)	
		Method for wale and courses of weft knitted fabrics	ASTM D8007:2015(Re 2019)	
05	Fabrics	Determination of width and length of textile fabric	ASTM D 3774:2018	0 to 2000mm
		Determination of width of Textile Fabric	ISO 22198 : 2006(R2017) BS ISO 22198 : 2006	

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
06	Fabrics	Standard for the flammability of Textiles-Apparel	16 CFR 1610 :2008	0-25 seconds
			ASTM D 1230:2017	
			CAN/CGSB 4.2 NO 27.5	
		Standard for the Flammability of Clothing Textiles (Vertical)	BS EN 1103 :2005 EN 1103:2005 with ISO 6941:2003 BS EN ISO 6941:2003 EN ISO 6941:2003 DIN EN ISO 6941:2004-05	0-120 seconds
			BS EN 1103 :2005 EN 1103:2005 with ISO 6940:2004 BS EN ISO 6940:2004 EN ISO 6940:2004 DIN EN ISO 6940:2004-06	
		Textile fabrics for apparel – Detailed procedure to determine the burning behavior	BS EN 1103 :2005 EN 1103:2005 <u>With</u> BS EN 14878:2007 EN 14878 : 2007 or 2009 DIN EN 14878 : 2007-08	
		Children Sleep wear	16 CFR 1615/1616:2010	
07	Fabrics/ Garments	Tensile properties of fabrics - Part 2: Determination of maximum force using the grab method	ISO 13934-2:2014 BS EN ISO 13934-2:2014 EN ISO 13934-2:2014 DIN EN ISO 13934-2:2014-06	2.04 kg to 407.7 kg
		Breaking Strength and Elongation of Textile Fabrics (Grab Test)	ASTM D 5034 : 2021	
		Tensile properties of fabrics - Part 1: Determination of maximum force and elongation at maximum force using the strip method	ISO 13934-1: 2013 BS EN ISO 13934-1:2013 EN ISO 13934-1:2013 DIN EN ISO 13934-1:2013-08	2.04 kg to 407.7 kg
		Determination of breaking force and elongation of Textile Fabrics (Strip Method)	ASTM D 5035 – 2011(Re 2019)	

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
08	Fabrics/ Garments	Determination of the elasticity of fabrics Part 1: Strip tests	ISO 20932-1:2018 EN ISO 20932-1:2020 BS EN ISO 20932-1:2020 DIN EN ISO 20932-1:2020 - 5	2.04 kg to 407.7 kg
09	Fabrics/ Garments	Strength properties of fabrics woven from stretch yarns	ASTM D 3107:2007(Re2019)	
		Seam Slippage	GB/T 2660-2017Appendix B	2.04 kg to 407.7kg
		Stretch properties of knitted fabrics having low power	ASTM D 2594/D2594M : 2021	1.35 to 4.54kg
		Determination of the slippage resistance of yarns at a seam in woven fabrics Part 1: Fixed seam opening method	ISO 13936-1:2004 BS EN ISO 13936-1:2004 DIN EN ISO 13936-1:2004-07 EN ISO 13936-1:2004	2.04 kg to 407.7 kg
		Determination of the slippage resistance of yarns at a seam in woven fabrics Part 2: Fixed load method	ISO 13936-2:2004/ BS EN ISO 13936-2:2004 DIN EN ISO 13936-2(2004-07) EN ISO 13936-2:2004	2.04 kg to 407.7 kg
		Seam tensile properties of fabrics and made-up textile articles Part 1: Determination of maximum force to seam rupture using the strip method	ISO 13935-1:2014 BS EN ISO 13935-1:2014 EN ISO 13935-1:2014 DIN EN ISO 13935-1:2014-07	2.04 kg to 407.7 kg
		Seam tensile properties of fabrics and made up textile articles part 2-Determination of maximum force to seam rupture using the grab method	ISO 13935-2:2014 BS EN ISO 13935-2:2014 DIN EN ISO 13935-2:2014-07 EN ISO 13935-2:2014	2.04 kg to 407.7 kg
		Standard test method for failure in sewn seams of woven fabrics	ASTM D1683/1683M : 2022	2.04 kg to 407.7 kg
		Bursting properties of fabrics Part 1: Hydraulic method for determination of bursting strength & bursting distension	ISO 13938-1:2019 BS EN ISO 13938-1:2019 EN ISO 13938-1:2019 DIN EN ISO 13938-1:2020	0.5 kPa - 1000 kPa
		Bursting strength of textile fabrics diaphragm bursting strength tester method	ASTM D 3786/D3786M – 2018	0.5 kPa - 1000 kPa
		Bursting properties of fabrics Part 2: Pneumatic method for determination of bursting strength and bursting distention	ISO 13938-2:2019 BS EN ISO 13938-2:2019 EN ISO 13938-2:2019 DIN EN ISO 13938-2:2020	0.5 kPa - 1000kPa

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
10	Fabric	Tear properties of fabrics Part 1: Determination of tear force using ballistic pendulum method (Elmendorf)	ISO 13937-1:2000/Cor 1 :2004 BS EN ISO 13937-1:2000 EN ISO 13937-1 : 2000 Cor 2006 DIN EN ISO 13937-1:2000-06	0 to 128 N
		Tearing strength of fabrics by falling - pendulum (Elmendorf - type) apparatus	ASTM D 1424 : 2021	
		Method 2.8: Determination of tear force of fabrics using the ballistic pendulum method (Elmendorf)	AS 2001.2.8-2001	
		Tearing strength of fabrics by the tongue (single rip) procedure (CRE tensile testing machine)	ASTM D 2261 : 2013 : R2017 : EDT 1	0-5 kgf.cm
		Tear properties of fabrics Part 2: Determination of tear force of trouser-shaped test specimens (single tear method)	ISO 13937-2:2000 BS EN ISO 13937-2:2000 EN ISO 13937-2:2000 DIN EN ISO 13937-2(2000-06) GB/T 3917.2:2009/ISO 13937-2:2000	
		Determination of the abrasion resistance of fabrics by the Martindale method- Part 1: Martindale abrasion testing apparatus Part 2: Determination of specimen breakdown Part 3: Determination of mass loss	BS EN ISO 12947-1/3/4:1998 BS EN ISO 12947-2:2016 ISO 12947-1/3/4 :98+Cor 1:2002 ISO 12947-2:2016 DIN EN ISO 12947-1/3/4:2007 DIN EN ISO 12947-2:2017-03 EN ISO 12947-1:1998 EN ISO 12947-2:2016 EN ISO 12947-3/4:1998/AC 2006	a)Upto 99999 Cycles
		Abrasion resistance of materials	ASTM D 4966:2012 (Re 2016)	b) Color Change: Grade 1 to 5

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
11	Fabric	Textiles — Determination of fabric propensity to surface pilling, fuzzing or matting — Part 1: Pilling box method	ISO 12945-1:2020 BS EN ISO 12945-1 : 2020 EN ISO 12945-1:2020 DIN EN ISO 12945-1:2021	-15% to 15 %
		Textiles — Determination of fabric propensity to surface pilling, fuzzing or matting — Part 2 Martindale Method	ISO 12945-2:2020 BS EN ISO 12945-2 : 2020 EN ISO 12945-2:2020 DIN EN ISO 12945-2:2021	
		Textiles — Determination of fabric propensity to surface pilling, fuzzing or matting — Part 3L: Random tumble pilling method	ISO 12945-3:2020 BS EN ISO 12945-3 : 2014 EN ISO 12945-3:2020 DIN EN ISO 12945-3:2021	
		Pilling resistance and other related surface changes of textile fabrics: Martindale tester	ASTM D 4970/D4970M : 2022:EDT 3	
		Pilling resistance and other related surface changes of textile fabrics: random tumble pilling tester	ASTM D 3512/D3512M : 2022	
		Domestic washing and drying procedures for textile testing	BS EN ISO 6330:2021 ISO 6330:2021 DIN EN ISO 6330:2013 EN ISO 6330:2021	
		Dimensional change - Domestic washing and drying procedures for textile testing	AS 2001.5.4-2005	
		Dimensional Changes of Fabrics after Home Laundering	AATCC 135:2018/150-2018	-20% to 20%
12	Fabric/ Garments	Dimensional stability to steaming	BS 3005:1978 ISO 4323:1979	-10 % to 10 %
		Skewness Change in Fabric and Garment Twist Resulting from Automatic Home Laundering	AATCC 179-2019	0%-30%

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
13	Fabric/ Garments	Determination of Spirality after laundering - Percentage of wale Spirality change in knitted garments	ISO 16322-1:2005 BS ISO 16322-1:2005	0%-30%
		Determination of Spirality after laundering - Woven & Knitted Garments	ISO 16322-3:2021 BS ISO 16322-3:2021	
		Determination of Spirality after laundering - Woven & knitted fabrics	ISO 16322-2:2021 BS ISO 16322-2 : 2021	
14	Fabric	Bow & Skewness	BS 2819:1990+A2 :2016	0-50%
		Measuring Bow & Skew	ASTM D 3882 : 2008 : R2020	
		Bow & Skewness	ISO 13015:2013	
15	Fabric/ Garments	Appearance of apparel and other textile end products after repeated home laundering	AATCC 143:2018	Grade 1 to 5
		Smoothness appearance of fabrics after repeated home laundering	AATCC 124:2018	Grade 1 to 5
		Appearance retention of garment / fabric	LTEX/TM/SOP/026(revised 10.05.2014)	Grade 1 to 5
		Smoothness of Seams in Fabrics after Repeated Home Laundering	AATCC 88B: 2018	Grade 1 to 5
		Crease retention in fabrics after Home Laundering	AATCC 88C:2018	Grade 1 to 5
		Durability after washing	LTEX/TM/SOP/27(revised 10.05.2014) (65)	Grade 1 to 5
		Mace snagging	ASTM D 3939/D3939M : 2013 : R2017	Grade 1 to 5
		Water repellency: Spray rating	AATCC 22:2017	0-100
			ISO 4920:2012 BS EN ISO 4920:2012	0-100 Grade 1 to 5
		Test Method for Absorbency of Textiles	AATCC 79: 2018	0-100
16	Accessories / Toys	Attachment strength	CEN/TR 16792:2014 Annex B CEN/TR 16792:2014 Annex C	0 to 50 kgf

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
17	Accessories / Toys	Tension Test	EN 71-1:2014+A1:2018 BS EN 71-1:2014+A1:2018	0 to 50 kgf
		Resistance to Unsnapping of snap fastness	ASTM D 4846:1996(Re 2020) (73)	
		Standard Consumer Safety Specification for Toy Safety	ASTM F 963 – 2017(Requirements of 16 CFR 1500.3 (c) (6)(vi)	
18	Toys/ Garments/ Garment Accessories	Safety of toys mechanical and physical properties:	EN 71-1:2014+A1:2018 BS EN 71-1:2014+A1:2018	Qualitative
		General requirements:		
		Material cleanliness	4.1	
		Assembly	4.2	
		Flexible plastic sheeting	4.3	
		Toy bags	4.4	
		Glass	4.5	
		Expanding materials	4.6	
		Edges	4.7	
		Points and metallic wires	4.8	
		Protruding parts	4.9	
		Parts moving against each other	4.10	
		Mouth-actuated toys and other toys intended to be put in the mouth	4.11 < Excluding the following > 4.11c) and 4.11e)	
		Balloons	4.12	
		Enclosures	4.14	
		Toys intended to bear the mass of a child	4.15 < Excluding > 4.15.1.3, 4.15.1.5, 4.15.1.6, 4.15.2, 4.15.5.3 and 4.15.5.5	
		Heavy immobile toys	4.16	
		Percussion caps specifically designed for in toys and toys using percussion caps	4.19	
		Small balls	4.22	
		Magnets	4.23	

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
19	Toys/ Garments/ Garment Accessories	Toys intended for children under 36 months:		Qualitative
		General requirements	5.1	
		Soft-filled toys and soft-filled parts of a toy	5.2	
		- Plastic sheeting	5.3	
		Cords, chains and electric cables in toys	5.4	
		Glass and porcelain	5.7	
		-Shape and size of certain toys	5.8	
		-Toys comprising monofilament fibres	5.9	
		- Small balls	5.10	
		- Play Figure	5.11	
		Hemispheric-shaped toys	5.12	
		Suction cups	5.13	
		Straps intended to be worn fully or partially around the neck	5.14	
		Packaging	6	
		Warning and instructions for use	7	
		Small parts	8.2	0 to 5 kgf.cm
		Torque	8.3	
		Tension	8.4	0 to 50 kgf
		Drop test	8.5	Qualitative
		Impact test	8.7	
		Compression	8.8	0 to 50 kgf
		Soaking test	8.9	Qualitative
		Accessibility of a part or component	8.10	
		Sharpness of edges	8.11	
		Sharp point	8.12	
		Flexibility of wires	8.13	
		Expanding materials	8.14	
		Geometric shape of certain toys	8.16	
		Cords cross-sectional dimension	8.20	
		Small balls and suction cups test	8.32	
		Film Thickness	8.25	0.01 to 10.0 mm
		Test for play figures	8.33	Qualitative
		Tension test for magnets	8.34	
		Perimeter of cords and chains	8.36	
		Breakaway feature separation test	8.38	
		Self-retracting cords	8.39	
		Geometric shape of certain toys	8.16	

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
20	Toys/ Garments/ Garment Accessories	Length of cords, chains & electrical cables	8.40	0-1000mm
		Assessment of the tangle potential of two cords or chains	8.41	Qualitative
		Physical and mechanical tests;	ASTM F963-2017 As per the section numbers given below	
		-Material Quality (Visual Inspection)	4.1	
		-Small objects	4.6 Excluding 4.6.2	
		-Accessible edges	4.7	
		- Projections	4.8	
		- Accessible points	4.9	
		- Wires or rods	4.10	
		- Nails and fasteners	4.11	
		- Plastic film	4.12	
		- Folding mechanisms and hinges	4.13	
		- Cords, straps, and elastics	4.14	
		- Confined spaces	4.16	
		- Wheels, tires and axles	4.17	
		- Holes, clearance and accessibility of mechanisms	4.18	
		- Simulated protective devices	4.19	
		- Pacifiers	4.20 Excluding 4.20.1	
		- Projectile toys	4.21	
		- Teethers and teething toys	4.22	
		- Rattles	4.23	
		- Squeeze toys	4.24	
		- Toys intended to be attached to a crib or playpen	4.26	
		- Stuffed and beanbag-type toys	4.27	
		- Stroller and carriage toys	4.28	
		- Toy gun marking	4.30	
		- Balloons	4.31	
		- Certain toys with spherical ends	4.32	
		- Marbles	4.33	
		- Balls	4.34	
		- Pompoms	4.35	
		- Hemispheric-shaped objects	4.36	

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
21	Toys/ Garments/ Garment Accessories	- Yoyo elastic tether toys	4.37	Qualitative
		- Labeling requirements	5	
		- Instructional literature	6	
		- Producer's markings	7	
		- Test methods	8	
		Normal Use Testing	8.5	
		Abuse testing	8.6	
		Impact Tests	8.7	0-5 kgf.cm
		Torque Tests for Removal of Components	8.8	
		Tension Test for Removal of Components	8.9	0-50 kgf
		Compression Test	8.10	0-50 kgf
		Flexure Test	8.12	0-50 kgf
		Packaging Film Thickness	8.21	0-1000 mm
		Stuffing material evaluation	8.29	Qualitative
		Physical and mechanical tests;	AS/NZS ISO 8124-1: 2019 ISO 8124-1:2022	
		- Normal use	4.1 (5.1 to 5.24)	
		- Reasonably foreseeable abuse	4.2 (5.24)	
		- Material	4.3	
		- Small parts	4.4	
		- Shape, size and strength of certain toys	4.5	
		- Edges	4.6	
		- Points	4.7	
		- Projections	4.8	
		- Metal wires and rods	4.9	
		- Plastic film or plastic bags in packaging and in toys	4.10	
		- Cords and elastics	4.11	
		- Folding mechanisms	4.12	
		- Holes, clearances and accessibility of mechanisms	4.13	
		- Springs	4.14	
		-Mouth- actuated toys	4.26	
		Magnets and magnetic components	4.31	
		Straps intended to be worn fully or partially around the neck	4.33	

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
22	Toys/ Garments/ Garment Accessories	General requirements	5.1	Qualitative
		Small Parts	5.2	
		Test for Shape and Size of certain toys	5.3	
		Small balls test	5.4	
		Test for pompoms	5.5	
		Test for pre-school play figures	5.6	
		Accessibility of a part or component	5.7	
		Sharp edge	5.8	
		Sharp point	5.9	
		Determination of thickness of plastic film and sheeting	5.10	
		Test for cords	5.11	
		Impact test for toys that cover the face	5.14	
		Wall impact test for projectiles	5.15.2	
		Expanding materials	5.21	
		Washable toys	5.23	
		Reasonably foreseeable abuse tests	5.24	
		General	5.24.1	
		Drop test	5.24.2	
		Tip-over test for large and bulky toys	5.24.3	
		Torque test	5.24.5	
		Tension test	5.24.6	
		Compression test	5.24.7	
		Flexure test	5.24.8	
		Tension test for magnets	5.31	
		Physical and mechanical tests		
		- Technical requirements for determining a sharp point	ASTM F 963-2017(16 CFR 1500.48)	
		Technical requirements for determining a sharp metal or glass edge	ASTM F 963-2017(16 CFR 1500.49)	
		Test methods for simulating use and abuse of toys intended for use by children	ASTM F 963-2017 (16 CFR 1500.50, 1500.51, 1500.52 and 1500.53)	
		- Impact test	8.7	
		- Flexure test	8.12	
		- Torque test for removal of component	ASTM F 963-2017 8.8	0-5 kgf.cm

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
23	Toys/ Garments/ Garment Accessories	- Tension test for removal of component	8.9	0- 50 kgf
		- Compression test	8.10	0- 50 kgf
		- Method for identifying choking, aspiration, or ingestion hazards because of small parts	ASTM F 963-2017 4.6 16 CFR 1501 in conjunction with test methods specified in 16 CFR 1500.50 & 16 CFR 1501 Annex A1)	Qualitative
		Flammability tests;	ASTM F 963-2017 (16 CFR Parts 1610 and 1500.44) Ref. ASTM F 963-2017, 4.2	(3.5-7.0) sec (0-0.1) inch/sec (10- 30) mm/sec (10- 30) mm/sec
			AS/NZS ISO 8124-2: 2016	
			ISO 8124-2: 2014	
			BS EN 71-2: 2011+A1:2014	
			EN 71-2: 2011+A1:2014 Excluding for the above two standards Tests for flammable gases and flammable gels	
		Drawstrings (As defined by 16 CFR Part 1120)/ codes	ASTM F1816-2018	0-1000mm
			ASTM F963-2017(16 CFR Part 1120)	0-1000mm
24	Fabrics and Garments	Vertical wicking of Textile	AATCC 197: 2018	1-180 minutes
		Standard Test Method for Tension and Elongation of Elastic Fabrics	ASTM D 4964: 2020	2.04 kg to 407.7 kg
25	Garments	Standard Test Method for Pocket Reinforcement	ASTM D 7506- 2021	2.04 kg to 407.7 kg
26	Fabric/ Garments	Bursting strength of fabrics Constant Rate of Extension (CRE) ball burst test 1	ASTM D 6797-2015	0-1000N
27	Fabrics/ Garment	Drying rate of fabrics: Heated plate method	AATCC TM 201: 2013(R 2014)	0.1-100 mL/hr.

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
28	Fabrics/ Garment	Test method for transmittance or Blocking of erythemally Weighted Ultraviolet Radiation through Fabrics	AATCC TM183-2020	0-100%
		Test method for air permeability of textile fabrics	ASTM D 737 : 2018	0-1300 cfm
		Snagging resistance of fabrics (bean bag)	ASTM D 5362 : 2013 : R2018	Grade 1to 5
		Test method for water resistance: hydrostatic pressure	AATCC TM127:2019 (Option 2)	0-500 kPa
		Abrasion Resistance of Textile Fabrics (Oscillatory Cylinder Method)	ASTM D 4157 : 2013 : R2022	Grade 1-5
		Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Elastomeric Pad	ASTM D 3514/D3514M : 2016 : R2020	Grade 1-5
		Impact Resistance of Plastic	ASTM D 5171 : 2015 : R2020	Grade 1-5

Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment