Quality And Accreditation Institute

Centre for International Accreditation

QAI CIA is an ILAC MRA Signatory

Certificate of Accreditation

Brachi Testing Services (BD) Limited

Grand Tower 8th Floor 517/2 ECB Circle Dhaka Cantonment
Dhaka-1206, Bangladesh

(Address change from Plot No.-21 & 22, Annanda Bag Mills Ltd, Masimpur, Nishat Nagar, Kamarpara, Tongi, Gazipur, Bangladesh to Grand Tower, 8th floor, 517/2 ECB Circle, Dhaka Cantonment, Dhaka-1206, Bangladesh w.e.f 13 May 2026)

has been assessed and accredited in accordance with the Standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing and Calibration Laboratories"
In the field of

Testing

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued compliance to the above standard & any other requirements specified by QAI.

QAI/CIA/TL/2025/0106

Valid from: **03 March 2025**

Valid until: **02 March 2027**

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA

User is advised to verify the current certificate and scope of accreditation by visiting our website: www.qai.org.in

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Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textiles		
1.	Textiles and Garments	Dimensional Stability to Washing	ISO 6330:2021/ ISO 5077:2007/ ISO 3759:2011; BS EN ISO 6330:2021/ BS EN ISO 5077:2007/ BS EN ISO 3759:2011; ATCC 135 :2018 AATCC 150 :2018; GB/T 8628-2013 GB/T 8629-2017; GB/T 8630-2013
2.	Textiles and Garments	Spirality/Twisting/ Skewing of fabric & garment	ISO 16322-1:2005; ISO 16322-2:2021 ISO 16322-3:2021; AATCC 179:2023 GB/T 23319.2-2009; GB/T 23319.3-2010
3.	Textiles and Garments	Appearance after Washing	BTS-SOP-003-IHTM Issue No.-01; Issue Date: 10.10.2022
4.	Textiles and Garments	Appearance of apparel and other Textile end products after domestic washing and drying	ISO 15487:2018
5.	Textiles and Garments	Smoothness appearance of fabrics after cleansing	ISO 7768 :2009; GB/T 13769 :2009

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textiles		
6.	Textiles and Garments	Smoothness of seams in fabric after repeated home laundering	ISO 7770 :2009 ; GB/T 13771 :2009
7.	Textiles and Garments	Retention of creases in fabric after repeated home laundering	ISO 7769 :2009 ; GB/T 13770 :2009
8.	Textiles and Garments	Print durability	BTS-SOP-001-IHTN Issue No.-01; Issue Date: 13.03.2022 (as per ISO 6330:2021)
9.	Textiles and Garments	Color Fastness to Rubbing	ISO 105 X12:2016 BS EN ISO 105 X12:2016 DIN EN ISO 105 X12:2016 AATCC 8:2016e (2022) GB/T 3920-2008

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textiles		
10.	Textiles and Garments	Color Fastness to Washing	ISO 105 C06:2010 BS EN ISO 105 C06:2010 DIN EN ISO 105 C06:2010 ISO 105 C08:2010 BS EN ISO 105 C08:2010 DIN EN ISO 105 C08:2010 ISO 105 C09:2003; BS EN ISO 105 C09:2003 DIN EN ISO 105 C09:2003 ISO 105 C10:2006 GB/T 3921-2008 GB/T 12490:2014 AATCC-61:2013
11.	Textiles and Garments	Color Fastness to Perspiration	ISO 105 E04:2013 BS EN ISO 105 E04:2013 DIN EN ISO 105 E04:2013 AATCC 15:2021 GB/T 3922-2013

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textiles		
12.	Textiles and Garments	Color Fastness to Water	ISO 105 E01:2013 BS EN ISO 105 E01:2013 DIN EN ISO 105 E01:2013 AATCC 107:2022(e) GB/T 5713-2013
13.	Textiles and Garments	Color Fastness to Sea Water	ISO 105 E02:2013 BS EN ISO 105 E02:2013 DIN EN ISO 105 E02:2013 AATCC 106:2013 GB/T 5714-2019
14.	Textiles and Garments	Color Fastness to Chlorinated Pool Water	ISO 105 E03:2010 BS EN ISO 105 E03:2010 DIN EN ISO 105 E03:2010 AATCC 162:2011; Option-1
15.	Textiles and Garments	Color Fastness to Saliva	DIN 53160-1 :2010 GB/T 18886-2019

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textiles		
16.	Textiles and Garments	Color Fastness to Sweat	DIN 53160-2 :2010
17.	Textiles and Garments	Color Fastness to Phenolic Yellowing	ISO 105 X18:2007 BS EN ISO 105 X18:2007 DIN EN ISO 105 X18:2007
18.	Textiles and Garments	Color Fastness to Dry Cleaning	ISO 105 D01:2010 BS EN ISO 105 D01:2010 DIN EN ISO 105 D01:2010 AATCC 132-2013 GB/T 5711-2015
19.	Textiles and Garments	Color Fastness to Bleaching	ISO 105 N01:1993; ISO 105 N02:1993: ISO 105 N03:1993; ISO 105 N04:1993; GB/T 7069-1997
20.	Textiles and Garments	Color Fastness to Storage: Dye Transfer	AATCC 163-2020
21.	Textiles Accessories	Presence of Odor	GB/T 18401-2010; Sec 6.7 BTS-SOP-004
22.	Textiles and Garments	Fibre Analysis	ISO 1833-1:2020
23.			ISO 1833-2:2020

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textiles		
24.	Textiles and Garments	Fibre Analysis	ISO 1833-4:2023
25.			ISO 1833-6:2018
26.			ISO 1833-7:2017
27.			ISO 1833-11:2017
28.			ISO 1833-12:2020
29.			ISO 1833-20:2018
30.			ISO 1833-22:2020
31.			AATCC TM 20:2021
32.			AATCC TM 20A:2021
33.			GB/T 2910-2009
34.			EU Regulation 1007/2011
35.	Textile and Garments	Spray Test	ISO-4920 AATCC-TM 22
36.	Textile and Garments	Rain Test	ISO - 22958 AATCC-TM 35
37.	Textile and Garments	Evaluation of migration of textile colors into polyvinyl chloride containing plasticizer	BS EN ISO 105 X 10

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous and Restricted Chemicals		
1.	Textile Materials (Woven, Non-woven & knit)	pH Value in Aqueous Extract	ISO 3071:2020; BS EN ISO 3071:2020 DIN ISO 3071:2020; AATCC 81 :2016 GB/T 7573-2009
2.	Textiles and Garments	Determination of Formaldehyde- Free and hydrolysed formaldehyde (water extraction method)	ISO 14184-1:2011
3.	Textiles and Garments	Determination of Formaldehyde- Free and hydrolyzed formaldehyde (water extraction method)	GB/T 2912.1:2009
4.	Textiles and Garments	Determination of Free Formaldehyde	JIS L1041:2011 Clause 8 (UV Method)
5.	Textiles and Garments	Determination of Formaldehyde- Released formaldehyde (vapour absorption method)	ISO 14184-2:2011

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous and Restricted Chemicals		
6.	Textiles and Garments	Formaldehyde Release from Fabric: Sealed Jar Method	AATCC 112:2020
7.	Textile Products, Accessories, Metal Alloy & Coating	Screening tests for nickel release from alloys and coatings in items that come into direct and prolonged contact with the skin	BTS-SOP-002 (Issue No.01) (Issue date 12-02-2022) (Based on PD CR 12471)
8.	Textiles, Garments, Prints & Accessories	**Determination of aromatic amines derived from AZO coloring agent in Textile**	ISO 14362-1:2017-Textile; Detection of the use of certain azo colorants accessible with and without extracting the fibres.
9.		Aniline	
10.		o-Toluidine	
11.		2-Methoxyaniline	
12.		p-Chloroaniline	
13.		1,4-Phenylenediamine	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous and Restricted Chemicals		
14.	Textiles, Garments, Prints & Accessories	p-Cresidine	ISO 14362-1:2017-Textile; Detection of the use of certain azo colorants accessible with and without extracting the fibres.
15.		2,4,5-Trimethylaniline	
16.		4-Chloro-o-Toluidine	
17.		2,4-Toluylenediamine	
18.		2,4-Diaminoanisol	
19.		2-Napthylamine	
20.	Textiles, Garments, Prints & Accessories	2-Amino-4-Nitrotoluene	ISO 14362-1:2017-Textile; Detection of the use of certain azo colorants accessible with and without extracting the fibres.
21.		4-Aminodiphenyle	
22.		4,4'-Oxydianiline	
23.		Benzidine	
24.		4,4'-Diaminodiphenylmethane	
25.		o-Aminoazotoluene	
26.		3,3'-Dimethyl-4,4'-MDA	
27.		3,3'-Dimethylbenzidine	

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous and Restricted Chemicals		
28.	Textiles, Garments, Prints & Accessories	4,4'-Thiodianiline	ISO 14362-1:2017-Textile; Detection of the use of certain azo colorants accessible with and without extracting the fibres.
29.		3,3'-Dichlorobenzidine	
30.		4,4'-methylenebis(2-chloroaniline)	
31.		3,3'-Dimethoxybenzidine	
32.		2,4-Xylidine	
33.		2,6-Xylidine	
34.		P-Aminoazobenzene	
35.	Textiles, Garments, Prints & Accessories	P-Aminoazobenzene	ISO 14362-3:2017-Textiles; Detection of the use of certain azo colorants, which may release 4-aminoazobenzene

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous and Restricted Chemicals		
36.	Textiles, Garments, Prints & Accessories	**Determination of aromatic amines derived from AZO coloring agent in Textile samples**	GB/T 17592-2011; Textiles—Determination of the banned azo colourants
37.		Aniline	
38.		o-Toluidine	
39.		2-Methoxyaniline	
40.		p-Chloroaniline	
41.		1,4-Phenylenediamine	
42.		p-Cresidine	
43.		2,4,5-Trimethylaniline	
44.		4-Chloro-o-Toluidine	
45.		2,4-Toluylenediamine	
46.		2,4-Diaminoanisol	

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous and Restricted Chemicals		
47.	Textiles, Garments, Prints & Accessories	2-Napthylamine	GB/T 17592-2011; Textiles—Determination of the banned azo colourants
48.		2-Amino-4-Nitrotoluene	
49.		4-Aminodiphenyle	
50.		4,4'-Oxydianiline	
51.		Benzidine	
52.		4,4'-Diaminodiphenylmethane	
53.		o-Aminoazotoluene	
54.		3,3'-Dimethyl-4,4'-MDA	
55.		3,3'-Dimethylbenzidine	
56.		4,4'-Thiodianiline	
57.		3,3'-Dichlorobenzidine	
58.		4, 4'-Methylene-bis-(2-Chloroaniline)	
59.		3,3'-Dimethoxybenzidine	
60.		2,4-Xylidine	
61.		2,6-Xylidine	
62.		P-Aminoazobenzene	

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous and Restricted Chemicals		
63.	Textiles, Garments, Prints & Accessories	P-Aminoazobenzene	GB/T 23344-2009; Textiles—Determination of 4-aminoazobenzene.
64.	Leather & Leather Accessories	**Determination of aromatic amines derived from AZO coloring agent in Leather**	ISO 17234-1:2020-Leather; Determination of certain aromatic amines derived from azo colourants
65.		Aniline	
66.		o-Toluidine	
67.		2-Methoxyaniline	
68.		p-Chloroaniline	
69.		1,4-Phenylenediamine	
70.		p-Cresidine	
71.		2,4,5-Trimethylaniline	
72.		4-Chloro-o-Toluidine	
73.		2,4-Toluylenediamine	
74.		2,4-Diaminoanisol	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous and Restricted Chemicals		
75.	Leather & Leather Accessories	2-Napthylamine	ISO 17234-1:2020-Leather; Determination of certain aromatic amines derived from azo colourants
76.		2-Amino-4-Nitrotoluene	
77.		4-Aminodiphenyle	
78.		4,4’-Oxydianiline	
79.		Benzidine	
80.		4,4’-Diaminodiphenylmethane	
81.		o-Aminoazotoluene	
82.		3,3’-Dimethyl-4,4’-MDA	
83.		3,3’-Dimethylbenzidine	
84.		4,4’-Thiodianiline	
85.		3,3’-Dichlorobenzidine	
86.		4,4'-methylenebis(2-chloroaniline)	
87.		3,3’-Dimethoxybenzidine	
88.		2,4-Xylidine	
89.		2,6-Xylidine	
90.		P-Aminoazobenzene	

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous and Restricted Chemicals		
91.	Leather & Leather Accessories	P-Aminoazobenzene	ISO 17234-2:2011-Leather; Determination of 4-aminoazobenzene
92.	Leather & Fur materials	Determination of aromatic amines derived from AZO coloring agent in Leather	GB/T 19942-2019; Leather and fur-Chemical Test-Determination of banned azo colourants
93.	Leather & Fur materials	Aniline	GB/T 19942-2019; Leather and fur-Chemical test -Determination of banned azo colourants
94.		o-Toluidine	
95.		2-Methoxyaniline	
96.		p-Chloroaniline	
97.		1,4-Phenylenediamine	
98.		p-Cresidine	
99.		2,4,5-Trimethylaniline	
100.		4-Chloro-o-Toluidine	
101.		2,4-Toluylenediamine	
102.		2,4-Diaminoanisol	

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Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous and Restricted Chemicals		
103.	Leather & Fur materials	2-Napthylamine	GB/T 19942-2019; Leather and fur-Chemical test -Determination of banned azo colourants
104.		2-Amino-4-Nitrotoluene	
105.		4-Aminodiphenyle	
106.		4,4'-Oxydianiline	
107.		Benzidine	
108.		4,4'-Diaminodiphenylmethane	
109.		o-Aminoazotoluene	
110.		3,3'-Dimethyl-4,4'-MDA	
111.		3,3'-Dimethylbenzidine	
112.		4,4'-Thiodianiline	
113.		3,3'-Dichlorobenzidine	
114.		4,4'-methylenebis(2-chloroaniline)	
115.		3,3'-Dimethoxybenzidine	
116.		2,4-Xylidine	
117.		2,6-Xylidine	
118.		4-Aminazobenzene	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous and Restricted Chemicals		
119.	Textile Products, Garments, Prints, Plastic Material & Accessories	Determination of Phthalate	
120.		Di-isobutyl Phthalate (DIBP)	ISO 14389:2022- Textiles; Determination of the Phthalate content — Tetrahydrofuran method
121.		Di-n-butyl Phthalate (DBP)	
122.		Di-methoxyethyl phthalate (DMEP)	
123.		Di-pentyl phthalate (DPENP /DNPP)	
124.		Butyl Benzyl Phthalate (BBP)	
125.	Textile Products, Garments, Prints, Plastic Material & Accessories	Di-iso-Heptylphthalate/ Phthalic acid, bis-C6-C8-branched alkyl ester (DIHP)	ISO 14389:2022- Textiles; Determination of the Phthalate content — Tetrahydrofuran method
126.		Bis-(2-ethylhexyl) phthalates (DEHP)	
127.		Di-cyclohexyl Phthalate (DCHP)	
128.		Di-n-Octyl Phthalate (DnOP)	
129.		Di-iso-nonyl Phthalate (DINP)	
130.		Di-isodecyl Phthalate (DIDP)	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous and Restricted Chemicals		
131.	Textile Products, Garments, Prints, Plastic Material & Accessories	Determination of Phthalate	CPSC-CH-C1001-09.4-2018; Determination of Phthalates
132.		Di-isobutyl Phthalate(DIBP)	
133.		Butyl Benzyl Phthalate(BBP)	
134.		Di-cyclohexyl Phthalate(DCHP)	
135.		Di-n-butyl Phthalate(DBP)	
136.		Di-pentyl phthalate (DPENP/ DNPP)	
137.		Di-n-hexyl phthalate (DHEXP/DnHP)	
138.		Bis-(2-ethylhexyl) phthalates (DEHP)	
139.	Textile Products, Garments, Prints, Plastic Material & Accessories	Di-iso-nonyl Phthalate (DINP)	CPSC-CH-C1001-09.4-2018; Determination of Phthalates

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous and Restricted Chemicals		
140.	Textile Products, Garments, Prints, Plastic Material & Accessories	Determination of Phthalate	INHOUSE BTS-AN-SOP-001
141.		Di-isobutyl Phthalate (DIBP)	
142.		Di-n-butyl Phthalate (DBP)	
143.		Di-methoxyethyl phthalate (DMEP)	
144.		Di-pentyl phthalate (DPENP/ DNPP)	
145.		Di-n-hexyl phthalate (DHEXP/ DnHP)	
146.		Butyl Benzyl Phthalate (BBP)	
147.		Di-iso-Heptylphthalate/ Phthalic acid, bis-C6-C8-branched alkyl ester (DIHP)	
148.		Bis-(2-ethylhexyl) phthalates (DEHP)	
149.		Di-cyclohexyl Phthalate (DCHP)	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous and Restricted Chemicals		
150.	Textile Products, Garments, Prints, Plastic Material & Accessories	Di-n-Octyl Phthalate (DnOP)	INHOUSE BTS-AN-SOP-001
151.		Di-iso-nonyl Phthalate (DINP)	
152.		Di-isodecyl Phthalate (DIDP)	
153.		Di-ethylPhthalate (DEP)	
154.		Diisoamyl phthalate (DIPP)	
155.		n-Pentylisopentyl phthalate (n iPiPP)	
156.		Diheptyl Phthalate (DHP)	
157.		Di-methyl Phthalate (DMP)	
158.		1,2-Benzedicarboxylic acid,di pentylester, branced + linear	
159.		Dipropyl phthalate (DPRP)	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous and Restricted Chemicals		
160.	Textile Products, Garments, Prints, Plastic Material & Accessories	Di-iso-octyl Phthalate (DIOP)	INHOUSE BTS-AN-SOP-001
161.		1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	
162.		1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	
163.	Textile Products, Garments, Prints, Plastic Material & Accessories	2,4,5-Trichlorophenol	ISO 17070:2015 Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content
164.		2,4,6-Trichlorophenol	
165.		2,3,5-Trichlorophenol	
166.		2,3,6-Trichlorophenol	
167.		3,4,5-Trichlorophenol	ISO 17070:2015

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous and Restricted Chemicals		
168.	Textile Products, Garments, Prints, Plastic Material & Accessories	2,3,5,6-Tetrachlorophenol	Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content
169.		2, 3, 4, 6 Tetrachlorophenol	
170.		2, 3, 4, 5 Tetrachlorophenol pentachlorophenol	
171.	Textile Products, Garments, Prints, Plastic Material & Accessories	Naphthalene (NAP)	AFPS GS2019:01
172.		Acenaphthylene (ANY)	
173.		Acenaphthene (ANA)	
174.		Fluorene (FLU)	
175.		Phenanthrene (PHE)	
176.		Anthracene (ANT)	
177.		Fluoranthene (FLT)	
178.		Pyrene (PYR)	
179.		Benzo(a) Anthracene (BaA)	
180.		Chrysene (CHR)	

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous and Restricted Chemicals		
181.	Textile Products, Garments, Prints, Plastic Material & Accessories	Benzo(b) Fluoranthene (BbF)	AFPS GS2019:01
182.		Benzo (j) Fluoranthene (BjF)	
183.		Benzo (k) Fluoranthene (BkF)	
184.		Benzo (e) Pyrene (BeP)	
185.		Benzo (a) Pyrene (BaP)	
186.		Indeno (1,2,3-cd) Pyrene (IPY)	
187.		Dibenzo (a,h) Anthracene (DBA)	
188.		Benzo (g,h,i) Perylene (BPE)	
189.	Textile Products, Garments, Prints, Plastic Material & Accessories	Determination of Quinoline Content: Quinoline	Inhouse

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Chemical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Hazardous and Restricted Chemicals		
190.	Textile and Textile Materials, Inks, Dyes, Plastic Toys material coating	Total Lead and cadmium Content in Wet Paint or Surface-Coating Materials	16 CFR PART 1303 CPSC-CH-E1003-09.1: 2011 ASTM E 1645 ASTM E 1613, BTS-AN-SOP-011
191.	Textile and Textile Materials, Plastic Resins, Toy materials	Total Lead in Non- Metal Children Products	CPSC-CH-E1002-08.3 :2012 BTS-AN-SOP-010
192.	Textile and Textile Materials (Jewellery, Metal & Alloys)	Total Lead and Cadmium Content in Children's Metal Product including Children's	CPSC-CH-E1001-08.3: 2012 ASTM F963:2023 BTS-AN -SOP-009

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Material		
1.	Textiles and Garments	Breaking Strength and Elongation (Grab Method)	ISO 13934-2:2014 BS EN ISO 13934-2:2014 DIN EN ISO 13934-2:2014 ASTM D5034:2021 GB/T 3923.2-2013
2.	Textiles and Garments	Breaking Force and Elongation (Strip Method)	ISO 13934-1:2013 BS EN ISO 13934-1:2013 DIN EN ISO 13934-1:2013 ASTM D5035:2011 (2019) GB/T 3923.1-2013
3.	Textiles and Garments	Tear Strength (Single tear method using CRE testing machine)	ISO 13937-2: 2000 Cor-2:2004 BS EN ISO 13937-2: 2000 DIN EN ISO 13937-2: 2000 ASTM D2261:2017

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Material		
4.	Textiles and Garments	Tear Strength (Tear method using Elmendrop testing machine)	ISO 13937-1: 2000 Cor-1:2004 BS EN ISO 13937-1: 2000 DIN EN ISO 13937-1: 2000 ASTM D1424:2021; ASTM D751:2019 GB/T 3917.2009; GB/T 455:2002
5.	Textiles and Garments	Bursting Strength (Hydraulic)	ISO 13938-1: 2019 BS EN ISO 13938-1: 2019 DIN EN ISO 13938-1: 2019 ASTM D3786:2023
6.	Textiles and Garments	Bursting Strength (Pneumatic)	ISO 13938-2: 2019 BS EN ISO 13938-2: 2019 DIN EN ISO 13938-2: 2019 ASTM D3786/D3786 M-18 (Re-2023)
7.	Textiles and Garments	Determination of fabric propensity to surface fuzzing and to pilling- Pilling box method.	ISO 12945-1:2020 BS EN ISO 12945-1:2020 DIN EN ISO 12945-1:2020

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Material		
8.	Textiles and Garments	Determination of fabric propensity to surface fuzzing and to pilling- modified Martindale method	ISO 12945-2:2020 BS EN ISO 12945-2:2020 EN ISO 12945-2:2020 ISO 12945-4:2020 ASTM D4970:2022
9.	Textiles and Garments	Determination of Abrasion Resistance (Martindale – Thread Breakdown)	ISO 12947-1:1998/COR 1:2002 ISO 12947-2:2016 BS EN ISO 12947-2:2016 DIN EN ISO 12947-2:2017 ASTM D4966:2022
10.	Textiles and Garments	Determination of Abrasion Resistance (Martindale – Pile Loss)	ISO 12947-3:1998/COR 1:2002 BS EN ISO 12947-3:1998 DIN EN ISO 12947-3:2007
11.	Textiles and Garments	Determination of Abrasion Resistance (Martindale – Colour Change)	ISO 12947-4:1998/COR 1:2002 BS EN ISO 12947-4:1998 DIN EN ISO 12947-4:2007
12.	Textiles and Garments	Snagging Resistance	BS PD 6527:1990; Clause 19 ASTM D3939:2017

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Material		
13.	Textiles and Garments	Fabric Weight (Mass per Unit Area)	ISO 3801:1977 Method 5 BS EN 12127: 1998 DIN EN 12127: 1997 ASTM D3776/D3776M-20, Option C
14.	Textiles and Garments	Single Thread/ Yarn Strength & Elongation	ISO 2062:2009 ASTM D2256:2021
15.	Textiles and Garments	Seam Strength	ISO 13935-1:2014; (Strip Method) BS EN ISO 13935-1:2014 DIN EN ISO 13935-1:2014 ISO 13935-2: 2014;(Grab Method) BS EN ISO 13935-2: 2014 DIN EN ISO 13935-2: 2014 ASTM D1683:2022

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Material		
16.	Textiles and Garments	Seam Slippage	ISO 13936-1: 2004; Fixed seam opening method BS EN ISO 13936-1: 2004 DIN EN ISO 13936-1: 2004 ISO 13936-2: 2004; Fixed load method BS EN ISO 13936-2: 2004; DIN EN ISO 13936-2: 2004; ASTM D434:1995; Slippage of yarns in woven fabrics
17.	Textiles and Garments	Stretch and Recovery	EN 14704-1:2005 ISO 20932-1:2018/Amd 2021
18.	Textiles and Garments	Thread per unit length	ISO 7211-2:1984; Method B- BS 5441:1988+A1 :2019 Section 2 & 3; ASTM D3775:2017 Amd 2023 ASTM D3887:2008; EN 1049-2:1984

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Material		
19.	Textiles and Garments	Determination of Linear Density of Yarn	ASTM D1907-2018
20.	Textiles Accessories	Resistance to Unsnapping of Snap Fastner	ASTM D4846:96(2021)
21.	Textiles Accessories	Zipper Strength	BS 3084:2006 (part 5.2-5.6,5.8-5.11) BS EN 16732:2015 ASTM D2061:2007(2021)
22.	Textiles Accessories	Attachment Strength/ Tension Test	EN 71-1:2018; Section 8.4 BS EN 71-1:2018; Section 8.4 ASTM F963:2023; Sec 8.9 16 CFR 1500.51-53 (part F):2008 BS 7907:2007; Annex B

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Material		
23.	Textiles Accessories	Small parts	EN 71-1:2018; Clause 8.2 BS EN 71-1:2018; Clause 8.2 ASTM F963-23; Sec 4.6 GB/T 31702:2015
24.	Textiles Accessories	Sharp point	EN 71-1:2018; Clause 8.12 BS EN 71-1:2018; Clause 8.12 ASTM F963-23; Sec 4.9; GB/T 31702:2015
25.	Textiles Accessories	Sharp edge	EN 71-1:2018; Clause 8.11 BS EN 71-1:2018; Clause 8.11 ASTM F963-23; Sec 4.7 16 CFR 1500.49; GB/T 31702:2015
26.	Textiles Accessories	Torque test	EN 71-1:2018; Clause 8.3 BS EN 71-1:2018; Clause 8.3 ASTM F963-23; Sec 8.8 16 CFR 1500.51-53; Part E-2008

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Textile Material		
27.	Textile, Garments & Accessories	Safety of children clothing-cords, drawstring	ASTM F1816:2018 BS EN 14682:2014 GB/T 22702-2019 GB/T 22705-2019 GB/T 18401-2010
28.	Textile and Garments	Fabric Width & Length	ISO 22198:2006 EN 1773 :1996
29.	Textile and Garments	Bow & Skew	ASTM D3882-2020
30.	Textile and Garments	Standard for the Flammability of Clothing Textiles	16 CFR Part 1610

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Performance/Durability/ Safety Test		
1.	Textile and Garments	Small Parts Regulation Choking Hazard	16 CFR Part 1501

***Note:**

Scope Extension 1:

Following scope of accreditation is extended w.e.f. **23 October 2026**:

- **Chemical Testing-**
Textile (S. No.- 35 to 37; Page no. 06)

- **Chemical Testing-**
Hazardous and Restricted Chemicals (S. No.-190 to 192; Page no. 24)

- **Mechanical Testing-**
Textile Materials (S. No.-30; Page no. 32)

- **Mechanical Testing-**
Performance/Durability/ Safety Test (S. No.- 1; Page no. 33)