



ACCREDITATION CERTIFICATE

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

Consumer Testing Laboratories Ltd.

**The Pearl Trade Center (5th, 14th and 15th floor)
Cha-90/3, Progoti Sharani, North Badda, , Dhaka-1212, Bangladesh**

This is to certify that this

Testing Laboratory

is accredited in accordance with the international standard

ISO/IEC 17025:2005

in respect of the associated scope, subject to the terms and
conditions governing the relevant conformity assessment
body (CAB) accreditation.

Certificate Number : **01.054.19**
Accreditation Date : **17 February 2019**
Date of Issuance : **17 February 2019**
Date of Expiration : **16 February 2022**



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:	Consumer Testing Laboratories Ltd., The Pearl Trade Center (5th, 14th and 15th floor), Cha-90/3, Progoti Sharani North Badda, Dhaka-1212, Bangladesh.		
Accreditation Standard:	ISO/IEC 17025:2005	Accreditation Date:	17 Feb 2019
Certificate Number:	01.054.19	Issued on:	17 Feb 2019
Last Amended on:	18 March 2019	Valid until:	16 Feb 2022
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
Field: Mechanical Testing				
1.	Textile, Garment, Garment accessories	30-10BD SOP (Based on AATCC 8-2016)	Colorfastness to Crocking: AATCC Crockmeter Method	Color Staining 1-5
2.	Textile, Garment, Garment accessories	30-13BD SOP (Based on ASTM D 1424-2013)	Tearing strength	Max 6400 gm
3.	Textile, Garment, Garment accessories	30-19BD SOP (Based on ASTM D 3776-2017)	Mass per unit Area of Fabric	-
4.	Textile, Garment, Garment accessories	30-15BD SOP (Based on 16 CFR Part 1610- 2016)	Flammability of General Clothing Textiles	Class 1-3
5.	Textile & Garment	27-06BD SOP Based on ASTM D3786 (2018)	Bursting Strength – Diaphragm	Max. 800 Kpa
6.	Textile, Garment, Garment accessories	30-12BD SOP Based on ASTM D5034 (2017)	Tensile strength	Max 5000N
7.	Textile, Garment, Garment accessories	30-20BD SOP (Based on ASTM D3775:2017)	Fabric Count	Countable as per customer specification
8.	Textile, Garment, Garment accessories	7-7BD SOP ASTM F963 (2017) Section 8.5	Standard Consumer Safety Specification for Toy Safety- Normal Use Testing	
9.	Textile, Garment,	7-20BD(Based on ASTM F963- 2017; Section 8.6)	Standard Consumer Safety Specification for Toy Safety-	Max. 30 lbs

Quality Manager



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S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
	Garment accessories		Abuse Testing	
10.	Textile, Garment, Garment accessories	7-17BD SOP (Based on ASTM F963-Clause 8.7.1; 16 CFR Part 1500.51, 1500.52, and 1500.53)	Standard Consumer Safety Specification for Toy Safety- Impact Test(Use and Abuse)	/
11.	Textile, Garment, Garment accessories	7-16BD SOP (Based on ASTM F963-Clause 8.8; 16 CFR Part 1500.51, 1500.52, and 1500.53)	Standard Consumer Safety Specification for Toy Safety- Torque Test(Use and Abuse)	Max. 4 inch- lbs
12.	Textile, Garment, Garment accessories	7-9BD SOP (based on ASTM F963-Clause 8.9; 16 CFR Part 1500.51, 1500.52, and 1500.53)	Standard Consumer Safety Specification for Toy Safety- Tension Test(Use and Abuse)	Max. 15 lbs
13.	Textile, Garment, Garment accessories	7-18BD SOP (based on ASTM F963-Clause 8.10; 16 CFR Part 1500.51, 1500.52, and 1500.53)	Standard Consumer Safety Specification for Toy Safety- Compression Test(Use and Abuse)	Max. 15 lbs
14.	Textile, Garment, Garment accessories	7-19BD SOP (Based on ASTM F963-Clause 8.12; 16 CFR Part 1500.51, 1500.52, and 1500.53)	Standard Consumer Safety Specification for Toy Safety- Flexure Test (Use and Abuse)	Max. 15 lbs
15.	Textile, Garment, Garment accessories	7-11BD SOP (Based on ASTM F963-2017; Section 4.35 and 8.16)	Standard Consumer Safety Specification for Toy Safety- Test of Pompoms	Max. 15 lbs and Visual observation (Fixture dia 1.75 in)
16.	Textile, Garment, Garment accessories	7-15BD SOP (Based on 16 CFR Part 1501; 2018; ASTM F963-2017, section 4.6 (excluding 4.6.2)	Standard Consumer Safety Specification for Toy Safety- Small Objects/Choking Hazard Small Parts	Visual observation – Diameter: 1.25 inch (Any detachable components which fits within the Small Parts Cylinder)

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17.	Textile, Garment, Garment accessories	7-12BD SOP (Based on ASTM F963-Clause 4.9; 16 CFR Part 1500.48, 1500.50)	Standard Consumer Safety Specification for Toy Safety- Children Safety Test - Sharp Point(Use and Abuse)	
18.	Textile, Garment, Garment accessories	7-8BD SOP (based on ASTM F963-Clause 4.7; and 16 CFR Part 1500.49)	Standard Consumer Safety Specification for Toy Safety- Children Safety Test - Sharp edge test(Use and Abuse)	-
19.	Textile, Garment, Garment accessories	30-22BD SOP (Based on AATCC 20A- 2017)	Fiber Content	0-100%
20.	Textile, Garment, Garment accessories	30-08BD SOP (Based on AATCC 107-2013)	Colorfastness to Water	Color Change 1-5 Color Staining 1-5
21.	Textile, Garment, Garment accessories	30-07BD SOP (Based on AATCC 15-2013)	Colorfastness to Perspiration	Color Change 1-5 Color Staining 1-5
22.	Textile, Garment, Garment accessories	30-21BD SOP (Based on AATCC 135-2015 and AATCC 150-2012)	Appearance/Dimensional stability to washing	Assessment 1-5& Max. (customer specification)
23.	Textile, Garment, Garment accessories	30-09BD SOP (Based on AATCC 106-2013)	Colorfastness to Sea water	Color Change 1-5 Color Staining 1-5
24.	Textile, Garment, Garment accessories	30-14BD SOP (Based on AATCC 179-2017)	Spirality / skewing of Fabric and Garments	Max. (customer specification)
25.	Textile, Garment,	30-27BD SOP (Based on AATCC 130-2015)	Soil Release: Oily Stain Release Method	Stain Release Grades 1-5

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	Garment accessories			
26.	Textile, Garment, Garment accessories	30-06BD SOP (Based on AATCC 16.3, option 3- 2014)	Colorfastness to light – Xenon-Arc	Assessment 1-5
27.	Textile, Garment, Garment accessories	30-18BD SOP (Based on AATCC 35-2013)	Water Resistance: Rain Test	0-100
28.	Textile, Garment, Garment accessories	30-03BD SOP Based on AATCC 22 (2017)	Water Repellency: Spray Test	Max. 100
29.	Textile, Garment, Garment accessories	23-09BD SOP (Based on AATCC 162-2011)	Colorfastness to water : Chlorinated Pool	Assessment 1-5
30.	Textile, Garment, Garment accessories	30-17BD SOP (Based on AATCC 20, Section 9.5-2013)	Fiber Analysis: Qualitative	NA
31.	Textile, Garment, Garment accessories & leather	30-25BD SOP (Based on AATCC 81-2016)	pH Value	0-14;0.1
32.	Textile, Garment, Garment accessories & leather	30-23BD SOP ASTM D7142 (2016)	Holding Strength of Prong- Ring Attachment Press Fasteners	Max. 15 lbs
33.	Textile, Garment,	30-16BD SOP (Based on JIS L1041-2011) –	Formaldehyde	5-1500mg/kg; 5mg/kg; 0.02 abs

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	Garment accessories,	Section 8.1)		
34.	Textile, Garment, Garment accessories	22-13BD SOP (Based on AATCC 94, Section 11-2017)	Formaldehyde (spot test)	Positive/negative
35.		9-17BD SOP Based on CPSC-CH-E1002-08.1/8.2/8.3	Total Lead Content in Non- Metal Children's Products (Plastics only)	10-200000 mg/kg, 0.01 mg/kg
36.		9-43BD SOP Based on ASTM F2617(2017)e1 (lead and cadmium analysis only)	Determination of Lead and Other Elements in Polymeric Materials or Surface Coatings Using XRF Fluorescence Spectrometry	20 mg/kg to 1 wt%
37.		9-18BD SOP Based on CPSC-CH-E1003-09.1, ASTM F963-16 section 4.3.5.1 (1), section 8.3, 16 CFR Part 1303, ASTM E1645 (2016)	Total Lead Content in Surface Coatings	15-200000 mg/kg; 0.0075 mg/kg
38.		9-14BD SOP Based on CPSC-CH-E1001- 08.1/8.2/8.3, Health Canada Product Safety Bureau Method C- 02.4.	Total Lead and Cadmium Content of Metal Items	10-200000 mg/kg; 0.01 mg/kg

END

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