

Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

Modern Testing Services (India) Private Limited

Khata #275/270/271, Survey #37/1, S.D. Chambers,
2nd & 3rd Floor, Singasandra Village, Hosur Main Road
Bengaluru- 560068, Karnataka, India

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/2024/0079

Valid from: 10 October 2024

Valid until: 09 October 2026

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA

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



Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Modern Testing Services (India) Private Limited

Khata #275/270/271, Survey #37/1, S.D. Chambers,
2nd & 3rd Floor, Singasandra Village, Hosur Main Road,
Bengaluru- 560068, Karnataka, India

QAI/CIA/TL/2024/0079

Valid from: 10 October 2024

Valid until: 09 October 2026

Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Hazardous and Restricted Chemicals		
1.	Fabric and garments	Determination of formaldehyde	ISO 14184-1-2011
2.	Fabric and garments	Determination of formaldehyde (Released formaldehyde)	BS EN ISO 14184 -2-2011
3.	Fabric and garments	Test methods for resin finished textiles	JIS-L-1041- 2011
4.	Fibre & filaments, yarns & chords, grey fabric, finished fabric, apparel & garments	pH of the water- extract from wet processed textiles	AATCC 81-2022
5.	Fibre & filaments, yarns & chords, grey fabric, finished fabric, apparel & garments	pH of aqueous extract	BS EN ISO 3071-2020
6.	Textiles	Formaldehyde - release from fabric	AATCC 112-2020
7.	Textiles	Formaldehyde -spot test	AATCC 94-2020
8.	Leather	pH of aqueous extract	ISO 4045-2018
9.	Fabric, apparel & garments	pH of aqueous extract	TM33-2020 based on ISO 3071-2020
10.	Fabric, apparel & garments	Formaldehyde spot test	LS & CO 51-2007 Based on AATCC 94-2020



Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Modern Testing Services (India) Private Limited

Khata #275/270/271, Survey #37/1, S.D. Chambers,
2nd & 3rd Floor, Singasandra Village, Hosur Main Road,
Bengaluru- 560068, Karnataka, India

QAI/CIA/TL/2024/0079

Valid from: 10 October 2024

Valid until: 09 October 2026

Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
1.	Fabrics, apparel & textiles	Fiber analysis: qualitative	AATCC Test Method 20-2021
2.	Fabrics, apparel & textiles	Fiber analysis: quantitative	AATCC Test Method 20A (Method 1, 2, 3, 4, 5, 6, 7)-2021e
3.	Fabrics, apparel & textiles	Quantitative - chemical analysis (fibre) (mixtures of viscose, cupro or modal and cotton fibres)	ISO 1833-5-2006
4.	Fabrics, apparel & textiles	Quantitative chemical analysis - (fibre)- mixtures of polyamide and certain other fibres	ISO 1833-7-2017
5.	Fabrics, apparel & textiles	Quantitative chemical analysis (fibre) (mixtures of acrylic, certain modacrylics, certain chlorofibres, certain elastanes and certain other fibres)	ISO 1833-12-2020
6.	Fabrics, apparel & textiles	Quantitative chemical analysis (fibre)- (mixtures of cellulose and polyester fibres)	ISO 1833-11-2017
7.	Fabrics, apparel & textiles	Quantitative chemical analysis (fibre) (ternary fibre mixtures)-cellulosic fibres	ISO 1833-2-2020
8.	Fabrics, apparel and textiles	Quantitative chemical analysis - (fibre) (ternary fibre mixtures) elastane	ISO 1833-2-2020

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Modern Testing Services (India) Private Limited

Khata #275/270/271, Survey #37/1, S.D. Chambers,
2nd & 3rd Floor, Singasandra Village, Hosur Main Road,
Bengaluru- 560068, Karnataka, India

QAI/CIA/TL/2024/0079

Valid from: 10 October 2024

Valid until: 09 October 2026

Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
9.	Fabrics, apparel and textiles	Quantitative chemical analysis- (fibre) (ternary fibre mixtures) polyester	ISO 1833-2-2020
10.	Fabrics, apparel and textiles	Quantitative chemical analysis (fibre)- general principles of testing	ISO 1833-1-2020
11.	Finished fabric, apparel & garments	Color fastness to artificial saliva	DIN 53160-1-2010
12.	Finished fabric, apparel & garments	Color fastness to artificial sweat	DIN 53160-2-2010
13.	Grey fabric, finished fabric, apparel & garments	Color fastness to phenolic yellowing	ISO 105-X18-2007
14.	Grey fabric, finished fabric, apparel & garments	Dimensional change in washing and drying	ISO 5077-2007
15.	Grey fabric, finished fabric, apparel & garments	Dimensional changes of fabrics after home laundering	AATCC 135-2018t
16.	Grey fabric, finished fabric, apparel & garments	Dimensional changes of garments after home laundering	AATCC 150-2018t
17.	Grey fabric, finished fabric, apparel & garments	Domestic washing and drying procedures for textile testing	BS EN ISO 6330-2021



Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Modern Testing Services (India) Private Limited

Khata #275/270/271, Survey #37/1, S.D. Chambers,
2nd & 3rd Floor, Singasandra Village, Hosur Main Road,
Bengaluru- 560068, Karnataka, India

QAI/CIA/TL/2024/0079

Valid from: 10 October 2024

Valid until: 09 October 2026

Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
18.	Grey fabric, finished fabric, apparel & garments	Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change	ISO 3759-2011
19.	Grey fabric, finished fabric, apparel & garments	Skew change in fabrics after home laundering	AATCC 179-2023
20.	Grey fabric, finished fabric, apparel & garments	Spirality (knitted garment)	ISO 16322-1-2005
21.	Grey fabric, finished fabric, apparel & garments	Spirality (woven & knitted fabric)	ISO 16322-2-2021
22.	Grey fabric, finished fabric, apparel & garments	Spirality (woven & knitted fabrics & garment)	ISO16322 -3-2021
23.	Yarns & chords, grey fabric, finished fabric, apparel & garments	Colour fastness to dry cleaning	AATCC TM 132-2013
24.	Yarns & chords, grey fabric, finished fabric, apparel & garments	Colour fastness to laundering accelerated	AATCC TM 61-2020
25.	Yarns & chords, grey fabric, finished fabric, apparel & garments	Colour fastness to perspiration	BS EN ISO 105-E04-2013
26.	Yarns & chords, grey fabric, finished fabric, apparel & garments	Colour fastness to sea water	BS EN ISO 105-E02-2013

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



4 of 20

Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Modern Testing Services (India) Private Limited

Khata #275/270/271, Survey #37/1, S.D. Chambers,
2nd & 3rd Floor, Singasandra Village, Hosur Main Road,
Bengaluru- 560068, Karnataka, India

QAI/CIA/TL/2024/0079

Valid from: 10 October 2024

Valid until: 09 October 2026

Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
27.	Yarns & chords, grey fabric, finished fabric, apparel & garments	Colour fastness to water	BS EN ISO 105-E01-2013
28.	Yarns & chords, grey fabric, finished fabric, apparel & garments	Colour fastness to light	AATCC TM 16.3-2020
29.	Yarns & chords, grey fabric, finished fabric, apparel & garments	Colour fastness to domestic and commercial laundering	BS EN ISO 105-C06-2010
30.	Yarns & chords, grey fabric, finished fabric, apparel & garments	Colour fastness to crocking	AATCC 8-2022
31.	Yarns & chords, grey fabric, finished fabric, apparel & garments	Colour fastness to domestic and commercial laundering	BS EN ISO 105 - C08-2010
32.	Yarns & chords, grey fabric, finished fabric, apparel & garments	Colour fastness to rubbing	BS EN ISO 105-X12-2016
33.	Yarns & chords, grey fabric, finished fabric, apparel & garments	Colour fastness to perspiration	AATCC 15-2021
34.	Yarns & chords, grey fabric, finished fabric, apparel & garments	Colour fastness to sea water	AATCC 106-2013

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Modern Testing Services (India) Private Limited

Khata #275/270/271, Survey #37/1, S.D. Chambers,
2nd & 3rd Floor, Singasandra Village, Hosur Main Road,
Bengaluru- 560068, Karnataka, India

QAI/CIA/TL/2024/0079

Valid from: 10 October 2024

Valid until: 09 October 2026

Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
35.	Yarns & chords, grey fabric, finished fabric, apparel & garments	Colour fastness to water	AATCC 107-2022
36.	Yarns & chords, grey fabric, finished fabric, apparel & garments	Colour fastness to artificial light	BS EN ISO 105-BO2-2014
37.	Yarns & chords, grey fabric, finished fabric, apparel & garments	Colour fastness to dry cleaning	BS EN ISO 105-D01-2010
38.	Yarns & chords, grey fabric, finished fabric, apparel & garments	Colour fastness to washing with soap or soap and soda	BS EN ISO 105 C-10-2007
39.	Yarns & chords, grey fabric, finished fabric, apparel & garments	Color fastness to storage dye transfer	AATCC 163-2013
40.	Yarns & chords, grey fabric, finished fabric, apparel & garments	Colour fastness to chlorinated water	ISO 105 E03-2010
41.	Yarns & chords, grey fabric, finished fabric, apparel & garments	Colour fastness to chlorinated pool water	AATCC 162-2011

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



6 of 20

Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Modern Testing Services (India) Private Limited

Khata #275/270/271, Survey #37/1, S.D. Chambers,
2nd & 3rd Floor, Singasandra Village, Hosur Main Road,
Bengaluru- 560068, Karnataka, India

QAI/CIA/TL/2024/0079

Valid from: 10 October 2024

Valid until: 09 October 2026

Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
42.	Grey fabric, finished fabric, apparel & garments	Smoothness appearance of fabrics after home laundering	AATCC 143-2018te
43.	Grey fabric, finished fabric, apparel & garments	Smoothness appearance of fabrics after home laundering	AATCC 124-2018te
44.	Woven fabric	Water repellency: spray test	AATCC TM 22-2017
45.	Fabric, apparel & garments	Absorbency of textiles	AATCC TM 79-2018
46.	Fabric, apparel & garments	Textile fabrics - determination of resistance to surface wetting (spray test)	ISO 4920-2012
47.	Fabric, garment & apparels	Colour fastness to light	TM1-2021 Based on ISO B02-2014
48.	Fabric, apparel & garments	Colour fastness to washing	TM2-2023 Based on BS EN ISO 105-C06-2010
49.	Fabric, apparel & garments	Cross staining to washing	TM2a-2023 Based on BS EN ISO 105-C06-2010
50.	Fabric, apparel & garments	Colour fastness to dry cleaning	TM3-2020 Based on BSEN ISO 105-D01-2010
51.	Fabric, apparel & garments	Cross staining to dry cleaning	TM3a-2020 Based on BSEN ISO 105-D01-2010
52.	Fabric, apparel & garments	Colour fastness to water	TM4-2020 Based on BS EN ISO 105-E01-2013
53.	Fabric, apparel & garments	Cross staining to water	TM4a-2020 Based on BS EN ISO 105-E01-2013



Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Modern Testing Services (India) Private Limited

Khata #275/270/271, Survey #37/1, S.D. Chambers,
2nd & 3rd Floor, Singasandra Village, Hosur Main Road,
Bengaluru- 560068, Karnataka, India

QAI/CIA/TL/2024/0079

Valid from: 10 October 2024

Valid until: 09 October 2026

Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
54.	Fabric, apparel & garments	Colour fastness to chlorinated water	TM5-2020 Based on ISO 105 E03-2010
55.	Fabric, apparel & garments	Colour fastness to rubbing	TM6-2020 Based on BS EN ISO 105-X12-2016
56.	Fabric, apparel & garments	Print durability	TM7-2023 Based on BS EN ISO 6330-2021
57.	Fabric, apparel & garments	Embellishment durability (children's wear)	TM7a-2023 Based on BS EN ISO 6330-2021
58.	Fabric, apparel & garments	Embellishment assessment after 5x label washes	TM7b-2023 Based on BS EN ISO 6330-2021
59.	Fabric, apparel & garments	Foil durability	TM7c-2018 Based on BS EN ISO 6330-2021
60.	Fabric, apparel & garments	Durawash appearance after washing	TM8-2023 Based on BS EN ISO 6330-2021
61.	Fabric, apparel & garments	Appearance assessment after washing	TM9-2023 Based on BS EN ISO 6330-2021
62.	Fabric, apparel & garments	Dimensional stability to washing	TM12-2023 Based on BS EN ISO 6330-2021, ISO 3759-2011, ISO 5077-2007
63.	Fabric, apparel & garments	Spirality	TM13-2020 Based on ISO 16322-2-2021
64.	Fabric, apparel & garments	Spray rating	TM23-2020 Based on AATCC TM 22-2017
65.	Fabric, apparel & garments	Colour fastness to phenolic yellowing	TM43-2020 Based on ISO 105-X18-2007

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



8 of 20

Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Modern Testing Services (India) Private Limited

Khata #275/270/271, Survey #37/1, S.D. Chambers,
2nd & 3rd Floor, Singasandra Village, Hosur Main Road,
Bengaluru- 560068, Karnataka, India

QAI/CIA/TL/2024/0079

Valid from: 10 October 2024

Valid until: 09 October 2026

Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
66.	Fabric, apparel & garments	Colour fastness to saliva	TM48-2020 Based on ISO 105 E04-2013
67.	Fabric, apparel & garments	Corrosion	TM49-2020 Based on BS EN ISO 22775-2-2004
68.	Fabric, apparel & garments	Towel absorption	TM50-2020 Based on AATCC 79-2018
69.	Fabric, apparel & garments	Colour fastness to sea water	TM51-2020 Based on BS EN ISO 105-E02-2013
70.	Fabric, apparel & garments	Colour fastness to perspiration	TM52-2020 Based on BS EN ISO 105-E04-2013
71.	Fabric, apparel & garments	Colour fastness to oxidative bleach	TM55-2023 Based on ISO 105 C09-2001
72.	Fabric, apparel & garments	Moisture management	TM58-2020- Based on AATCC 197-2022
73.	Fabric, apparel & garments	Pile loss during washing	TM61-2023 Based on BS EN ISO 6330-2021
74.	Apparel and textiles	Fiber content	Regulation EU 1007: 2011
75.	Fabric, apparel & garments	Bow and skew of fabrics	TM38-2020 Based on ASTM D 3882-2020
76.	Fabric, apparel & garments	Bow and skew of garments	TM38a-2020 Based on ISO 16322 -3-2021
77.	Textile accessories	Appearance, durability, prints, etc.	LS & CO 12-2008 Based on BS EN ISO 6330-2021
78.	Textile accessories	Button appearance	LS & CO 25A-2010 Based on BS EN ISO 6330-2021
79.	Fabric, apparel & garments	Colour fastness to ozone	LS & CO 37-2004 Based on ISO-105-G03: 1993

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



9 of 20

Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Modern Testing Services (India) Private Limited

Khata #275/270/271, Survey #37/1, S.D. Chambers,
2nd & 3rd Floor, Singasandra Village, Hosur Main Road,
Bengaluru- 560068, Karnataka, India

QAI/CIA/TL/2024/0079

Valid from: 10 October 2024

Valid until: 09 October 2026

Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
80.	Textile accessories	Closure durability	LS & CO 61-2018 Based on BS EN ISO 6330-2021
81.	Fabric, apparel & garments	Garment performance after cleaning	LS & CO 23A-2024 Based on AATCC143-2018
82.	Fabric, apparel & garments	Liquid repellency- spray substantiation	LS & CO 46-2021 Based on AATCC TM 193-2023
83.	Fabric, apparel & garments	Skew movement	LS & CO 2-2023 Based on ISO 16322-2-2021
84.	Fabric, apparel & garments	Water repellency-drop	LS & CO 42-2023-AATCC TM 193-2023
85.	Fabric, apparel & garments	WF bottoms appearance	LS & CO 27A-2023 Based on AATCC143-2018
86.	Fabric, apparel & garments	WF shirts appearance	LS & CO 27B-2024 Based on AATCC143-2018
87.	Fabric, apparel & garments	Wicking	LS & CO 44-2004 Based on AATCC 197 Modified-2022
88.	Fabric, Apparel & Garments	Colour Fastness to Ozone	ISO-105-G03: 1993
89.	Fabric, apparel & garments	Absorbency of textiles	AATCC 79-2018 Modified Based on AATCC 79-2018
90.	Fabric, apparel & garments	Vertical wicking of textiles	AATCC 197 Modified-2022 Based on AATCC 197-2022
91.	Fabric, apparel & garments	Flash reflective	LS & CO 62-2019 Based on BS EN ISO 6330-2021
92.	Fabric, apparel & garments	Test method for oil repellency: hydrocarbon resistance	AATCC TM 118-2020

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



10 of 20

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Modern Testing Services (India) Private Limited

Khata #275/270/271, Survey #37/1, S.D. Chambers,
2nd & 3rd Floor, Singasandra Village, Hosur Main Road,
Bengaluru- 560068, Karnataka, India

QAI/CIA/TL/2024/0079

Valid from: 10 October 2024

Valid until: 09 October 2026

Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
93.	Fabric, apparel & garments	Aqueous liquid repellency: water/ alcohol solution resistance test	AATCC TM 193-2023
94.	Apparel & garments	Spirality (woven & knitted garment)	AATCC TM 207-2019

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
1.	Fabric (woven & knitted)	Tear strength	BS EN ISO 13937-1-2000
2.	Fabric (woven & knitted)	Tearing strength	ASTM D1424-09-2021
3.	Fabric (woven & knitted)	Tensile (grab method)	BS EN ISO 13934 – 2-2014
4.	Fabric, apparel & garments	Bursting strength of textile fabrics	ASTM D3786/D3786 M-2023
5.	Fabric, apparel & garments	Fabric propensity to surface fuzzing and to pilling	BS EN ISO 12945-2-2020

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



11 of 20

Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Modern Testing Services (India) Private Limited

Khata #275/270/271, Survey #37/1, S.D. Chambers,
2nd & 3rd Floor, Singasandra Village, Hosur Main Road,
Bengaluru- 560068, Karnataka, India

QAI/CIA/TL/2024/0079

Valid from: 10 October 2024

Valid until: 09 October 2026

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
6.	Fabric, apparel & garments	Fabric propensity to surface fuzzing and to pilling. Pilling box method	BS EN ISO 12945-1-2020
7.	Fabric, apparel & garments	Failure in sewn seams of woven fabrics	ASTM D1683/ D1683M-2022
8.	Fabric, apparel & garments	Flammability of apparel textile	16 CFR 1610-2012
9.	Fabric, apparel & garments	Flammability of apparel textiles	ASTM D1230-2022
10.	Fabric, apparel & garments	Mass per unit area (weight) of fabric	ASTM D3776/ D3776M-09a-2020
11.	Fabric, apparel & garments	Mass per unit area using small samples	BS EN 12127-1998
12.	Fabric, apparel & garments	Pile fabric abrasion	ASTM D4685-2020
13.	Fabric, apparel & garments	Pilling resistance and other related surface changes of textile fabrics: random tumble pilling tester	ASTM D 3512/D3512M-2022
14.	Fabric, apparel & garments	Seam tensile properties	BS EN ISO 13935-1-2014
15.	Fabric, apparel & garments	Seam tensile properties (grab method)	BS EN ISO 13935 -2-2014
16.	Fabric, apparel & garments	Slippage resistance of yarns	BS EN ISO 13936-2-2004
17.	Fabric, apparel & garments	Slippage resistance of yarns	BS EN ISO 13936-1-2004
18.	Fabric, apparel & garments	Woven fabrics- mass per unit length and mass per unit area	ISO 3801 Method 5-1977
19.	Fabrics (woven & knitted)	Width and length of fabrics	ISO 22198-10-01-2006
20.	Fabrics (woven & knitted)	Width of textile fabric	ASTM D3774-2018

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



12 of 20

Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Modern Testing Services (India) Private Limited

Khata #275/270/271, Survey #37/1, S.D. Chambers,
2nd & 3rd Floor, Singasandra Village, Hosur Main Road,
Bengaluru- 560068, Karnataka, India

QAI/CIA/TL/2024/0079

Valid from: 10 October 2024

Valid until: 09 October 2026

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
21.	Fabrics (woven and non-woven)	Breaking strength of textile fabrics (grab test)	ASTM D5034-09-2021
22.	Fabrics (woven and non-woven)	Resistance to slippage of yarns in woven fabrics using a standard seam	ASTM D434-1995
23.	Garments and apparel	Specification for tolerances for knitted fabrics	ASTM D3887-96 RA-2008 (Clause 12)
24.	Knitted fabric	Stretch properties of knitted fabrics having low power	ASTM D2594-04-2021
25.	Textile accessories	Removal force of attached components	BS 7907 (Annexure B)-2007
26.	Textile accessories	Sharp edge	ASTM F 963-2023 (4.7), 16 CFR 1500.49-2022, EN 71-1:2018 + A1
27.	Textile accessories	Sharp point	ASTM F 963-2023(4.9), 16 CFR1500.48, EN 71-1:2022 + A1(4.8)
28.	Textile accessories	Small parts	16 CFR 1501.4-2022, ASTM F963-11: 2023 Section 4.6, EN 71-1:2018 (8.2) + A1
29.	Textile accessories	Tension	ASTM F 963-11:2017 Section 8.9, 16 CFR Part 1500.50, 16 CFR Part 1500.51, 16 CFR Part 1500.52, 16 CFR Part 1500.53, EN 71-1:2014 + A1

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



13 of 20

Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Modern Testing Services (India) Private Limited

Khata #275/270/271, Survey #37/1, S.D. Chambers,
2nd & 3rd Floor, Singasandra Village, Hosur Main Road,
Bengaluru- 560068, Karnataka, India

QAI/CIA/TL/2024/0079

Valid from: 10 October 2024

Valid until: 09 October 2026

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
30.	Textile accessories	Torque	Section 8.8, 16 CFR Part 1500.50-2022, 16 CFR Part 1500.51-2022, 16 CFR Part 1500.52-2022, 16 CFR Part 1500.53 - 2022& ASTM F 963-2023
31.	Woven fabric	Abrasion resistance	BS EN ISO 12947-1-1998
32.	Woven fabric	Abrasion resistance- appearance change	BS EN ISO 12947-4-1998
33.	Woven fabric	Abrasion resistance of textile fabrics	ASTM D4966-2022
34.	Woven fabric	Abrasion resistance- specimen breakdown	BS EN ISO 12947-2-2016
35.	Woven fabric	Stretch properties of fabrics woven from stretch yarns	ASTM D3107 (RA 2015)-2019
36.	Woven fabrics	Abrasion resistance- mass loss	BS EN 12947-3-1998
37.	Woven fabrics	End (warp) and pick (filling) count of woven fabrics	ASTM D3775-2017
38.	Woven fabrics	Threads per unit length	ISO 7211-2-1984
39.	Fabric, apparel & garments	Pilling resistance and other related surface changes of textile fabrics: Martindale tester	ASTM D4970-2020



Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Modern Testing Services (India) Private Limited

Khata #275/270/271, Survey #37/1, S.D. Chambers,
2nd & 3rd Floor, Singasandra Village, Hosur Main Road,
Bengaluru- 560068, Karnataka, India

QAI/CIA/TL/2024/0079

Valid from: 10 October 2024

Valid until: 09 October 2026

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
40.	Fabric, apparel & garments	Tensile properties of fabrics part 1: determination of maximum force and elongation at maximum force using the strip method	ISO 13934-1-2013
41.	Fabric, apparel & garments	Determination of the elasticity of fabrics. Strip tests (British standard)	ISO 14704-1-2005
42.	Fabric, apparel & garments	Determination of the elasticity of fabrics - part 3: narrow fabrics	ISO 14704-3-2006
43.	Fabric, apparel & garments	Bursting properties of fabrics part 1: hydraulic method for determination of bursting strength and bursting distension	ISO 13938-1-2019
44.	Fabric, apparel & garments	Standard test method for tension and elongation of elastic fabrics (constant-rate-of-extension type tensile testing machine)	ASTM D 4964-96-2020
45.	Fabric, apparel & garments	Tear properties of fabrics part 2: determination of tear force of trouser-shaped test specimens (single tear method)	ISO 13937-2-2000
46.	Fabric, apparel & garments	Specification for slide fasteners	BS EN 16732-2015

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Modern Testing Services (India) Private Limited

Khata #275/270/271, Survey #37/1, S.D. Chambers,
2nd & 3rd Floor, Singasandra Village, Hosur Main Road,
Bengaluru- 560068, Karnataka, India

QAI/CIA/TL/2024/0079

Valid from: 10 October 2024

Valid until: 09 October 2026

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
47.	Fabric, apparel & garments	Standard test method for bow and skew in woven and knitted fabrics	ASTM D 3882-2020
48.	Fabric, apparel & garments	Seam stretchability of knitted garment	AATCC-TS015
49.	Fabric, apparel & garments	Polar fleece assessment	TM11-2023 Based on BS EN ISO 6330-2021
50.	Fabric, apparel & garments	Grab strength / seam slippage	TM16-2020 Based on ASTM D 1683 - 2022
51.	Fabric, apparel & garments	Seam slippage of garments	TM16a-2020 Based on ISO 13936-1 - 2004
52.	Fabric, apparel & garments	Tear strength	TM17-2020 Based on ASTM D 1424-09-2021
53.	Fabric, apparel & garments	Martindale abrasion	TM18-2020 Based on ISO 12947-4 - 1998
54.	Fabric, apparel & garments	Abrasion resistance for flat home fabrics	TM18a-2020 Based on ISO 12947-3 - 1998
55.	Fabric, apparel & garments	Abrasion resistance for pile home fabrics	TM18b-2021 Based on ASTM D 4685-2020
56.	Fabric, apparel & garments	Pilling resistance	TM19-2021 Based on ISO 12945-1-2020
57.	Fabric, apparel & garments	Mass per unit area / gsm	TM20-2020 Based on ISO 3801-1997
58.	Fabric, apparel & garments	Extension and modulus	TM21-2020 Based on EN 14704-1-2005

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



16 of 20

Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Modern Testing Services (India) Private Limited

Khata #275/270/271, Survey #37/1, S.D. Chambers,
2nd & 3rd Floor, Singasandra Village, Hosur Main Road,
Bengaluru- 560068, Karnataka, India

QAI/CIA/TL/2024/0079

Valid from: 10 October 2024

Valid until: 09 October 2026

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
59.	Fabric, apparel & garments	Extension and recovery	TM21a-2020 Based on EN 14704-3-2006
60.	Fabric, apparel & garments	Bursting strength	TM22-2020 Based on ASTM D3786/D3786 M-2023
61.	Fabric, apparel & garments	Wing rip tear strength	TM25-2020 Based on ASTM D 2261-2024
62.	Fabric, apparel & garments	Swiss pilling	TM26-2021 Based on ISO 12945-2-2020
63.	Fabric, apparel & garments	Breaking strength	TM27-2020 Based on ASTM D 5034-09-2021
64.	Fabric, apparel & garments	Button strength	TM37-2020 Based on BS 4162-1983
65.	Fabric, apparel & garments	Attachment strength	TM42-2021 Based on EN 71 Part-1 -2021
66.	Fabric, apparel & garments	Security of unattached components	TM42a-2020 Based on PDCEN/TR 17394-2-2020
67.	Fabric, apparel & garments	Handle attachment strength	TM45-2020 Based on ASTM D 5034-09-2021
68.	Fabric, apparel & garments	Mass per unit length	TM62-2023 Based on ISO 3801-1997
69.	Fabric, apparel & garments	Fabric width	TM63-2020 Based on ASTM D 3774-2018
70.	Fabric, apparel & garments	Ends and picks	TM64-2020 Based on ASTM D 3775-2017
71.	Fabric, apparel & garments	Courses and wales	TM65-2020 Based on ASTM D 3887-96-RA-2008

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



17 of 20

Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Modern Testing Services (India) Private Limited

Khata #275/270/271, Survey #37/1, S.D. Chambers,
2nd & 3rd Floor, Singasandra Village, Hosur Main Road,
Bengaluru- 560068, Karnataka, India

QAI/CIA/TL/2024/0079

Valid from: 10 October 2024

Valid until: 09 October 2026

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
72.	Textile accessories	Beltloop attachment strength	LS & CO 11-1999 Based on ASTM D 5034-2021
73.	Textile accessories	Adjustable waistband safety process	LS & CO 50-2004- Based on ASTM D 5034-2021
74.	Fabric, apparel & garments	Breaking strength	ASTM D5034 Modified-2021 Based on ASTM D5034-2021
75.	Textile accessories	Button fastener attachment strength	LS & CO 25B-2005 Based on 16 CFR 1500-51,52,53-2018
76.	Textile accessories	Child safety (torque & tension)	LS & CO 38-2003 Based on 16 CFR 1500-51,52,53-2018
77.	Fabric, apparel & garments	Garment measurement bottom-Is & co 41a	LS & CO 41A-2023 Based on BS EN ISO 6330-2021
78.	Fabric, apparel & garments	Garment measurement top-Is & co 41b	LS & CO 41B-2023 Based on BS EN ISO 6330-2021
79.	Textile accessories	Narrow elastic load elongation and recovery	LS & CO 63-2018 Based on ISO 14704-3-2006
80.	Fabric, apparel & garments	Pile fastness of textile fabrics (taber method)	ASTM D4685 Modified-2020 Based on ASTM D4685-2020
81.	Fabric, apparel & garments	Seam slippage waistband	LS & CO 16-2004 Based on ASTM D1683/ D1683M-2022
82.	Fabric, apparel & garments	Stretch and recovery	LS & CO 56-2017 Based on EN 14704-3-2006
83.	Fabric, apparel & garments	Stretch properties of woven fabrics	ASTM D3107 Modified-2019 Based on ASTM D 3107-2019

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



18 of 20

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Modern Testing Services (India) Private Limited

Khata #275/270/271, Survey #37/1, S.D. Chambers,
2nd & 3rd Floor, Singasandra Village, Hosur Main Road,
Bengaluru- 560068, Karnataka, India

QAI/CIA/TL/2024/0079

Valid from: 10 October 2024

Valid until: 09 October 2026

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
84.	Fabric, apparel & garments	Tearing resistance	ASTM D1424 Modified-2021 Based on ASTM D 1424-2021
85.	Fabric, apparel & garments	Tensile strength of strap	LS & CO 52-2017 Based on ASTM D 5034-09-2021
86.	Fabric, apparel & garments	Weight	LS & CO 21-2004 Based on ISO 3801-5-1977
87.	Fabric, apparel & garments	Abrasion resistance of textile fabrics	ASTM D 3884-2022
88.	Textile accessories	Zipper reciprocating (slide fasteners)	BS 3084-2015
89.	Fabric, apparel & garments	Tearing strength by the tongue tear method	ASTM D2261-2024

