

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

Cotecna Inspection India Private Limited

Door No. 115/4, SF No. 568, Ammapalayam, Avinashi - Tiruppur Road,
Anuppapalayam Pudur, Tiruppur-641652, Tamil Nadu, 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/2024/0090

Valid from: 20 December 2024

Valid until: 19 December 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



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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
1.	Textile & Textile Material	Rug Back Staining on Vinyl Tile	AATCC 137: 2012
2.	Textile & Textile Material	Textiles Tests for Colour Fastness Part B02 Colour Fastness to artificial Light: Xenon Arc Fading Lamp Test	IS/ISO 105 Part B02: 2014 (RA: 2022), SASO ISO 105 B02:2014, AATCC 16.3:2020
3.	Textile & Textile Material	Textiles Tests for Colour Fastness Part X12 Colour Fastness to Rubbing	IS/ISO 105-X12: 2016: 2016, GB/T 3920:2008, SASO ISO 105 X12:2016, AATCC8:2022, ISO 105 X12: 2016
4.	Textile & Textile Material	Textiles- Tests for color fastness Part C10 Colour fastness to wash with soap or soda and soda	ISO 105 C10: 2006, IS/ISO 105 C10: 2006 (RA: 2021)
5.	Textile & Textile Material	Textiles-Tests for Colour Fastness - Part E04 Colour Fastness to Perspiration	IS/ISO 105 E04: 2013, SASO ISO 1268:2002, GB/T 3922:2013, AATCC 15:2021, ISO 105 E04: 2013
6.	Textile & Textile Material	Absorbency	AATCC 79: 2018
7.	Textile & Textile Material	Color fastness to artificial saliva	DIN 53160-1: 2010, DIN 53160-2: 2010
8.	Textile & Textile Material	Color fastness to artificial saliva	GB/T 18886: 2019
9.	Textile & Textile Material	Colour Fastness to Chlorinated Pool Water	ISO 105 E03:2013, SASO ISO 105 E03: 2014, AATCC 162: 2011
10.	Textile & Textile Material	Colour Fastness to Chlorine Bleach and Non-Chlorine Bleach	AATCC TS 001: 2018



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	Textile		
11.	Textile & Textile Material	Colour Fastness to Dry Cleaning	ISO 105 D01: 2010, SASO ISO 105 D01: 2010, GB/T 5711: 2015, AATCC 132: 2013
12.	Textile & Textile Material	Colour Fastness to Dye Transfer in Storage	AATCC 163: 2022
13.	Textile & Textile Material	Colour Fastness to Migration of Colors to PVC	ISO 105 X10: 1993
14.	Textile & Textile Material	Colour Fastness to Perspiration Light	ISO 105 B07: 2009, AATCC 125: 2020
15.	Textile & Textile Material	Colour Fastness to Sea Water	ISO 105 E02: 2013, SASO ISO 105 E02: 2013, AATCC 106: 2013
16.	Textile & Textile Material	Colour Fastness to Washing	ISO 105 C06: 2010, BS EN ISO 105 C06: 2010, SASO ISO 105 C06: 2010, AATCC 61: 2013 e 2020
17.	Textile & Textile Material	Colour Fastness to Water	ISO 105 E01: 2013, SASO ISO 105 E01: 2013, GB/T 5713: 2013, AATCC 107: 2022
18.	Textile & Textile Material	Colour Fastness to Water Spotting	ISO 105 E07: 2010, SASO ISO 105 E07: 2010, AATCC 104: 2014
19.	Textile & Textile Material	Water repellency spray Test	ISO 4920:2012, AATCC 22: 2017
20.	Textile & Textile Material	Wicking	AATCC TM 197: 2018, AATCC TM 198-2013 e 2020, AATCC TM 213 :2022, ASTM/AATCC/TS- 17: 2017
21.	Textile & Textile Material	Colour fastness to phenolic Yellowing	ISO 105 X18:2007, GB/T 29778:2013, BS EN ISO 105 X18: 2007

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2 of 9

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
22.	Textile & Textile Material	Colorfastness to bleaching-Hypochlorite	ISO 105 N01: 1993, BS EN ISO 105 N01:1995, SASO ISO 105 N01: 1993
23.	Textile & Textile Material	Colorfastness to domestic & Commercial Laundering using non-phosphate detergent & Bleach Activator	ISO 105 C08:2010, BS EN ISO 105 C08:2010, SASO ISO 105 C08:2010/: 2014
24.	Textile & Textile Material	Colorfastness to domestic & Commercial Laundering-Oxidative Bleach	ISO 105 C09:2001, BS EN ISO 105 C09:2003, SASO ISO 105 C09: 2001/: 2006
25.	Textile & Textile Material	Appearance of apparel and other textile products after domestic washing and Drying/Repeated Home Laundering	ISO 15487: 2018, AATCC 143: 2018
26.	Textile & Textile Material	appearance of creases in fabrics after cleansing / Repeated Home Laundering	AATCC 88C: 2018, ISO 7769: 2009
27.	Textile & Textile Material	Dimensional Stability to Washing	AATCC 150: 2018, AATCC 135: 2018 SASO ISO 5077: 2007, ISO 5077: 2007, ISO 3759: 2011, SASO ISO 6330: 2012, ISO 6330: 2021
28.	Textile & Textile Material	Skewness Change/Spirality /Torque	AATCC 179: 2019/AATCC 209:2019 ISO 16322-3: 2021, ISO 16322-2: 2021, ISO 16322-1: 2005

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www.qai.org.in



3 of 9

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
29.	Textile & Textile Material	smoothness appearance of fabrics after cleansing/ Repeated Home Laundering	AATCC 124: 2018, ISO 7768: 2009
30.	Textile & Textile Material	Smoothness Appearance of Seams in Fabric after cleansing / Repeated Home Laundering	ISO 7770: 2009, AATCC 88B: 2018
31.	Textile & Textile Material	Distortion in Bowed and Skewed Fabrics	ASTM D3882: 2020
32.	Textile & Textile Material	Dimensional Stability for Dry cleaning	ISO3175-1:2017 SASO ISO 3175-1:2017 ISO3175-2:2017 SASO ISO 3175-2:2017 AATCC 158:2016
33.	Textile & Textile Material	Fiber analysis Quantitative by Mechanical separation	GB/T 29862:2013, ISO 1833-1 (Annex B): 2020, SASO ISO 1833-1 (Annex B): 2020
34.	Textile & Textile Material	Fiber Content	AATCC 20: 2021 IS 667: 1981 Re: 2022
35.	Textile & Textile Material	Fiber Content Quantitative Analysis	ISO 1833-2: 2020, AATCC 20A: 2020 ISO 1833-3: 2020, SASO ISO 1833-3: 2020, ISO 1833-4: 2017, SASO ISO 1833-4: 2017, ISO 1833-5: 2006 SASO ISO 1833-5: 2006, IS 1889-1: 1976 RA: 2020, IS 1889-2: 1976 RA: 2020, IS 1889-3: 1976 RA: 2020 IS 1889-4: 1976 RA: 2020, ISO 1833-7: 2017, SASO ISO 1833-7: 2017

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www.qai.org.in



4 of 9

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
			IS 2005: 1988 Re: 2022, ISO 1833-11: 2017, SASO ISO 1833-11: 2017 ISO 1833-12: 2019, SASO ISO 1833-12: 2019, ISO 1833-16: 2019 SASO ISO 1833-16: 2019, ISO 1833-18: 2020, SASO ISO 1833-18: 2020 IS 9889: 1988 RA: 2020 IS 9896: 1981 RA: 2022
36.	Textile & Textile Material	pH Value	ISO 3071: 2020, SASO ISO 3071: 2020, AATCC TM 81:2022, IS 1390:2022: 2022
37.	Textile & Textile Material	Formaldehyde	ISO 14184-1:2011, ISO 14184-2:2011, SASO ISO 14184-1:2011, SASO ISO 14184-2:2011, AATCC TM112:2020



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
1.	Textile & Textile Material	Abrasion Resistance	EN 13770:2002, ISO 12947 (1,3 &4):1998, ISO 12947-2:2016,
2.	Textile & Textile Material	Bursting Strength	ISO 13938-1:2019, SASO ISO 13938-1:1999, ASTM D3786: 2018
3.	Textile & Textile Material	Determination of Courses and Wales	SASO 1170:1997 Clause 7, ASTM D8007-15: 2019, ASTM D3887-96
4.	Textile & Textile Material	Determination of Dimension	SASO 1626:1999 Clause 15 & 16, ISO 3018:1974, SASO 911: 1994
5.	Textile & Textile Material	Determination of length and width	SASO ISO 22198:2006/2015, ISO 22198: 2006
6.	Textile & Textile Material	Determination of the elasticity of fabric	BS EN 14704-1 Method A: 2005
7.	Textile & Textile Material	Distortion in Bowed and Skewed Fabrics	ASTM D3882: 2020
8.	Textile & Textile Material	Fabric Weight per Unit area(GSM)	ISO 3801:1977 (M-05), SASO ISO 3801:1977/2001, ASTM D3776/D
9.	Textile & Textile Material	Flammability of general clothing textiles	ASTM D1230: 2022, 16 CFR 1610: 2012
10.	Textile & Textile Material	Safety of Children Clothing: Cords and drawstrings on	ASTM F 1816: 2018, BS EN 14682: 2014, 16 CFR 1120
11.	Textile & Textile Material	Seam Slippage	ASTM D1683/D1683M-22: 2022
12.	Textile & Textile Material	Seam Slippage: Fixed load method	SASO ISO 13936- 2:2004/2006, ISO 13936-2: 2004

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6 of 9

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
13.	Textile & Textile Material	Seam Slippage: Fixed seam opening method	SASO ISO 13936- 1:2004/2006, ISO 13936-1: 2004
14.	Textile & Textile Material	Seam Strength-Grab Method	SASO ISO 13935- 2:2014/2016, ISO 13935-2: 2014, ASTM D434-96
15.	Textile & Textile Material	Seam Strength-Strip Method	SASO ISO 13935- 1:2014/2016, ISO 13935-1: 2014
16.	Textile & Textile Material	Stretch and Recovery (Knitted)	ASTM D4964: 96(2020)
17.	Textile & Textile Material	Stretch and Recovery (Knitted)	ASTM D2594: 2020
18.	Textile & Textile Material	Tear Strength	ASTM D2261:2013 (R-2017), SASO ISO 13937-3: 2000/2006, ISO 13937-
19.	Textile & Textile Material	Tear Strength	ISO 13937-2:2000, GB/T 3917.2 :2009, SASO ISO 13937-2:2000/2006,
20.	Textile & Textile Material	Tensile Properties- Grab method	ISO 13934-2:2014, SASO ISO 13934-2:2014/2016, ASTM D5034: 2021
21.	Textile & Textile Material	Tensile Properties- Strip Method	ISO 13934-1:2013, SASO ISO 13934-1:2003, ASTM D5035:2011 R: 2019
22.	Textile & Textile Material	Thread per Unit Length (Woven Fabric Construction)	ASTM D3775:17e1, ISO 7211-2:1984, BS EN 1049-2: 1994
23.	Textile & Textile Material	Yarn Count	ASTM D1059:2017, ISO 7211-5: 1994
24.	Textile & Textile Material	Piling Resistance- ICI Pilling	SASO ISO 12945-1: 2020, ISO 12945-1: 2020

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7 of 9

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
25.	Textile & Textile Material	Pilling Resistance- Random Tumble piling Method	ASTM D3512 M- 2016, ISO 12945-3: 2020
26.	Textile & Textile Material	Pilling Resistance Modified Martindale Method	ASTM D4970/D 4970 M-16e3, ISO 12945-2: 2020
27.	Textile & Textile Material	Sharp Edge and Sharp Point Small part	16 CFR 1500.48, 16 CFR 1500.49, ASTM F 963 (Clause-4.7 & 4.9):
28.	Textile & Textile Material	Torque test	16 CFR 1500.51 - 53 ASTM F 963 (Clause-4.7 & 4.9): 2017, EN 71-1
29.	Textile & Textile Material	Tension test	16 CFR 1500.51 - 53, ASTM F 963 (Clause-4.7 & 4.9): 2017, EN 71-1
30.	Textile & Textile Material	Slide Fasteners (Zipper) Tests: Top stop strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084:
31.	Textile & Textile Material	Slide Fasteners (Zipper) Tests: Bottom Stop Holding Strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084:
32.	Textile & Textile Material	Slide Fasteners (Zipper) Tests: Bottom Stop Holding Stringer	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084:
33.	Textile & Textile Material	Slide Fasteners (Zipper) Tests: Chain Crosswise Strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084:
34.	Textile & Textile Material	Slide Fasteners (Zipper) Tests: Closed end Strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084:
35.	Textile & Textile Material	Slide Fasteners (Zipper) Tests: Element Pul of strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084:
36.	Textile & Textile Material	Slide Fasteners (Zipper) Tests: Lateral strength of fastener	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084:

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8 of 9

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
37.	Textile & Textile Material	Slide Fasteners (Zipper) Tests: Pull of strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084:
38.	Textile & Textile Material	Slide Fasteners (Zipper) Tests: Puller attachment strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084:
39.	Textile & Textile Material	Slide Fasteners (Zipper) Tests: Reciprocation strength	EN 16732: 2015, ASTM D 2061: 2013, ASTM D2062: 2014, BS 3084:

