

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

SGTL Laboratory

(Sahu Global Private Limited)

A-204, Sector-63,

Noida-201301, Uttar Pradesh, 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 with the above standard & any other requirements specified by QAI.



QAI/CIA/TL/2026/0166

Valid from: 07 April 2026

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Valid until: 06 April 2028

Prof. Vikram Kumar
Chair, CIA



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Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
1.	Fabric, Apparel/Garment, Made ups	Dimensional stability to washing	AATCC TM 135:2025/ AATCC TM 150:2025/ ISO 5077: 2007/ ISO 3759: 2011/ISO 6330:2021
2.	Fabric, Apparel/Garment, Made ups	Skewness Change / Spirality / Torque	AATCC TM 179:2025/ ISO 16322-1:2021/ ISO 16322-2:2021/ ISO 16322-3:2021
3.	Yarn, Fabric, Apparel/Garment, Made ups	Colour Fastness to Crocking / Rubbing	AATCC TM 8:2016(2022) / ISO 105 X12:2016/ GB/T 3920
4.	Yarn, Fabric, Apparel/Garment, Made ups	Colour Fastness to Washing	AATCC TM 61:2013(2020)/ ISO 105 C06:2010/ ISO 105-C09:2001 / ISO 105-C10:2006 / GB/T 3921
5.	Fabric, Apparel/Garment, Made ups	Colour Fastness to Dry Cleaning	AATCC TM 132:2013/ ISO 105-D01:2010
6.	Fabric, Apparel/Garment, Made ups	Colour Fastness to Perspiration	AATCC TM 15:2021 / ISO 105 E04:2013/ GB/T 3922
7.	Yarn, Fabric, Apparel/Garment, Made ups	Colour Fastness to Water	AATCC TM 107:2022 / ISO 105 E01:2013/GB/T 5713
8.	Yarn, Fabric, Apparel/Garment, Made ups	Colour fastness to Sea Water	AATCC TM 106:2025/ ISO 105 E02:2013

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

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1 of 4

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile		
9.	Fabric, Apparel/Garment, Made ups	Colour fastness to chlorine and non-chlorine bleach	AATCC TS 001
10.	Fabric, Apparel/Garment, Made ups	pH Value	AATCC TM 81:2022/ ISO 3071:2000/ GB/T 7573
11.	Yarn, Fabric, Apparel/Garment, Made ups	Fiber Content – Qualitative Analysis	AATCC TM 20:2021
12.	Yarn, Fabric, Apparel/Garment, Made ups	Fiber Content – Quantitative Analysis	AATCC TM 20A:2025/ ISO 1833-1:2020/ ISO 1833-2:2020/ISO 1833-3:2020/ ISO 1833-4:2023/ ISO 1833-5:2006/ ISO 1833-7:2017/ISO 1833-11:2017/ ISO 1833-12:2020



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
1.	Fabric Apparel/Garment, Made ups	Fabric Weight	ASTM D 3776:2020 (2025) / ISO 3801:1977/ BSEN 12127:1998 / BS 2471:1978
2.	Fabric Apparel/Garment, Made ups	Threads per unit length (woven fabric construction)	ASTM D 3775:2017/ ISO 7211-2:2024
3.	Fabric Apparel/Garment, Made ups	Wales & Course count of Weft Knitted Fabric	ASTM D 8007:2024
4.	Fabric Apparel/Garment, Made ups	Distortion in bowed and skewed fabrics	ASTM D 3882:08 (2025)
5.	Fabric Apparel/Garment, Made ups	Tear Strength	ASTM D 1424:2025 /ISO 13937-1:2000
6.	Yarn, Fabric, Apparel/Garment, Made ups	Tensile Strength-Grab Method	ASTM D 5034:2021(2025)/ISO 13934-2:2014/ GB/T 3923.2
7.	Yarn, Fabric, Apparel/Garment, Made ups	Tensile Strength-Strip Method	ASTM D 5035:2024/ ISO 13934-1:2013
8.	Fabric, Apparel/Garment, Made ups	Seam Slippage/ Strength	ISO 13936-1:2004 / ISO 13936-2/ISO 13935-2:2004 / ASTM D 1683:2022
9.	Fabric, Apparel/Garment, Made ups	Stretch Property of Woven Fabric	ASTM D2594:2021 / ASTM D3107: 07 (2019)

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3 of 4

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Textile Materials		
10.	Fabric, Apparel/Garment, Made ups	Pilling Resistance- Martindale Method	ISO 12945-2:2020/ ASTM D 4970:2022
11.	Fabric, Apparel/Garment, Made ups	Pilling Resistance- Random Tumble Pilling	ASTM D 3512:2022
12.	Fabric, Apparel/Garment, Made ups	Bursting Strength	ASTM D 3786-18(2023)/ ISO 13938-2:2019
13.	Fabric, Apparel/Garment, Made ups	Abrasion Resistance-Specimen Breakdown	ISO 12947-2:2016
14.	Fabric, Apparel/Garment, Made ups	Abrasion Resistance-Mass Loss	ISO 12947-3:1998
15.	Fabric, Apparel/Garment, Made ups	Flammability	16 CFR 1610/ ASTM D 1230:2022

