



## Accredited Laboratory

A2LA has accredited

# THE SYNTHETIC AND ART SILK MILLS' RESEARCH ASSOCIATION (SASMIRA)

Worli, Mumbai, INDIA

for technical competence in the field of

## Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 11<sup>th</sup> day of February 2019.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 3067.01  
Valid to March 31, 2021

*For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.*



## Accredited Laboratory

A2LA has accredited

# THE SYNTHETIC AND ART SILK MILLS' RESEARCH ASSOCIATION (SASMIRA)

Worli, Mumbai, INDIA

for technical competence in the field of

## Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 11<sup>th</sup> day of February 2019.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 3067.02  
Valid to March 31, 2021

*For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.*



February 11, 2019

U.K. Gangopadhyay  
The Synthetic and Art Silk Mills' Research Association (SASMIRA)  
SASMIRA  
SASMIRA MARG  
Worli, Mumbai 400 030  
India

Dear Dr. Gangopadhyay:

Your laboratory has been approved for continued accreditation by the American Association for Laboratory Accreditation (A2LA) in the Mechanical and Chemical fields of testing for the tests listed on the enclosed Scopes of Accreditation. A2LA Certificates numbered 3067.01 and 3067.02 are enclosed and may be displayed in a prominent place in your facility. Your renewed Certificates and Scopes of Accreditation have also been added to the searchable database of accredited laboratories contained on our website, [www.A2LA.org](http://www.A2LA.org). Please note, it may take up to one business day for the newly issued certificate and scope to appear on our online directory.

Your laboratory is now accredited to **ISO/IEC 17025:2017** through **March 31, 2021**, by virtue of the reassessment of your laboratory and an evaluation by the Accreditation Council of all activity related to this assessment and any recent proficiency testing results. One year prior to your accreditation expiration date, you must pay an annual review fee and submit updated information on your laboratory. This process will be initiated three months prior to the expected completion date to allow sufficient time for submittal of required information and fees. In addition, A2LA must be notified in writing within 30 days at any time that significant changes occur in your laboratory's location, ownership, management, authorized representative, primary contact or major facilities.

We hope that you have been enjoying the benefits of using your A2LA accreditation for promotional and advertising purposes. Such publicity strengthens our own public information program and leads to broader recognition and acceptance of A2LA accredited laboratories. A2LA has made the promotion of your A2LA Accreditation *easy* by providing you with helpful tips and advice in our '*A2LA Promotion of Accreditation Package*' brochure located on your CAB Portal. Please be sure to read this and also *A2LA R105 – Requirements When Making Reference to A2LA Accredited Status* to ensure you are maximizing the benefits of promoting your A2LA Accreditation. When promoting or providing proof of your accreditation, please use your Scopes of Accreditation, as these documents detail the specific tests which are accredited. The certificates are to be used for display purposes only.

We would like to take this opportunity to say that we appreciate your participation in the leading national accreditation program and we welcome your questions and feedback at any time. We are pleased that you have chosen to continue as an A2LA accredited laboratory.

Sincerely,

Trace McInturff  
Vice President, Accreditation Services

Enclosures

Asst. ID: 35161 // Master Code: 131811 // Cert Nos.: Mechanical (3067.01) Chemical (3067.02)



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

THE SYNTHETIC AND ART SILK MILLS' RESEARCH ASSOCIATION  
(SASMIRA)  
SASMIRA Marg  
Worli, Mumbai 400 030  
India  
U.K. Gangopadhyay Phone: 91-22-24935351  
Fax: 91-22-24930225

MECHANICAL

Valid To: March 31, 2021

Certificate Number: 3067.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on textile products including fibers, yarns, woven, knitted and non-woven materials, garments and finished products:

<u>Test:</u>	<u>Test Method(s):</u>
Mass or Weight per Square Meter of Fabric	ASTM D3776 Option C; ISO 7211-6; IS 1964 (Method A)
Threads/Unit Length	ASTM D3775; ISO 7211-2 Method A and B; IS 1963 Method B
Yarn Count	ASTM D1059-01 (withdrawn 2010)*; ISO 7211-5; IS 3442
Thickness	ASTM D1777; IS 7702
Stiffness	ASTM D1388 Option A
Tensile Strength	ASTM D5035; ISO 13934-1 except 8.4; IS 1969
Grab Strength	ASTM D5034; ISO 13934-2; IS 1969
Tear Strength Woven Non-Woven	ASTM D2261; ISO 13937-2; ASTM D5733-95 (withdrawn 2008)*
Air Permeability	ASTM D737; ISO 9237
Puncture Resistance Index CBR Puncture	ASTM D4833 ASTM D6241 (Option B); ISO 12236

<b>Test:</b>	<b>Test Method(s):</b>
Bursting Strength and Bursting Distention of Fabrics; Diaphragm Method	ASTM D3786; ISO 13938-1; IS 1966
Martindale Abrasion	ASTM D4966; ISO 12947-1, -2, -3, -4
Textiles-Yarn-Determination of Breaking Load and Elongation at Break of Single Strand	ASTM D2256; ISO 2062; IS 1670
Determination of Length of Woven Fabrics	ASTM D3773 Option A; ISO 22198; IS 1954
Width of Fabric	ASTM D3774 Option B; ISO 22198; IS 1954
Determination of Linear Density of Yarns Spun on Cotton Systems	ASTM D1907; ISO 2060; IS 1315, IS 7703 Part 1
Twist in Yarn	ASTM D1422, D1423; ISO 7211-4; IS 832 Part 1, Part 2
Linear Density of Textile Fibers	ASTM D1577 Option C
Tensile Strength of Fiber	ASTM D3822; BS EN ISO 5079
Water Permeability	ASTM D4491 (Constant Head) Method A
Taber Abrasion	ASTM D3884
Trapezoid Tear Strength	ASTM D4533
Breaking Strength by Wide Width Method	ASTM D4595; ISO 10319
Thermal Resistance	ASTM D1518
Grab Strength	ASTM D4632
Apparent Opening Size	ASTM D4751
Seam Strength	ASTM D1683; ISO 13935-2
Seam Slippage	ASTM D1683; ISO 13936-1
Grab Strength for Nonwovens	ISO 9073-18
Air Permeability for Nonwovens	ISO 9073-15
No. of Crimp per cm in Fiber (arcs/cm)	ASTM D3937, except Option 3
Staple Length of Fiber	ASTM D5103
Mass per Unit Area of Geotextile	ASTM D5261

<b><u>Test:</u></b>	<b><u>Test Method(s):</u></b>
Tensile Properties of Single Staple Fiber	IS 235
Breaking Strength of Filament yarn (Single yarn)	IS 7703 Part 2
CSP of Yarn Determination of Yarn Strength Parameter of Yarn Spun on Cotton System	IS 1671; ASTM D1578
Width of Coated Fabric; Mass per Unit Area of Coated Fabric	IS 7016 Part 1
Breaking strength & Percent Elongation of Coated Fabric	IS 7016 Part 2
Tearing Strength (Single Rip) of Coated/Treated Fabric	IS 7016 Part 3 Method A2
Tearing Strength (Tongue Tear) of Coated/Treated Fabric	IS 7016 Part 3 Method A1

\* NOTE: This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

THE SYNTHETIC AND ART SILK MILLS' RESEARCH ASSOCIATION  
(SASMIRA)

SASMIRA Marg  
Worli, Mumbai 400 030  
India

U.K. Gangopadhyay Phone: 91-22-24935351  
Fax: 91-22-24930225

CHEMICAL

Valid To: March 31, 2021

Certificate Number: 3067.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on textile products including fibers, yarns, woven, knitted and non-woven materials, garments and finished products:

<u>Test</u>	<u>Test Method(s)</u>
Moisture Content in Cotton	ASTM D2495
Fiber Analysis: Qualitative	AATCC 20; IS 667 (Except 5.4)
Fiber Analysis: Quantitative	AATCC 20A; IS 1889, 2005, 2006, 3416; ISO 1833 (1,4,7,11,12,16,20,24)
Flammability	ASTM D1230
Whiteness of Textiles	AATCC 110
Colorfastness to Artificial Light	AATCC 16.3 Option 3; IS 2454; ISO 105 B02
Colorfastness to Water	AATCC 107; IS/ISO 105 E01; ISO 105 E01
Colorfastness to Sea Water	AATCC 106; IS/ISO 105 E02; ISO 105 E02
Colorfastness to Perspiration	AATCC 15; IS/ISO 105 E04; ISO 105 E04
Colorfastness to Crocking/Rubbing	AATCC 8; IS/ISO 105 X12; ISO 105 X12
Determination of pH Value of Aqueous Extract of Textile Materials	AATCC 81; IS 1390; ISO 3071

<b><u>Test:</u></b>	<b><u>Test Method(s):</u></b>
Determination of Skew Change of Fabric and Garment	AATCC 179
Colorfastness to Laundering	AATCC 61; IS/ISO 105-C06; ISO 105-C06
Colorfastness to Heat (Hot Pressing)	AATCC 133; IS 4636; ISO 105 X11; BS EN ISO 105-X11
Hydrostatic Pressurehead Test	AATCC 127 (Option 2)
Water Repellancy	AATCC 22; IS 390
Antifungal Activity of Textiles	AATCC 30 Part 3
Antibacterial Finishes on Textile Materials	AATCC 100
Antibacterial Activity Assessment-Parallel Streak Method	AATCC 147
Accelerated UV Exposure	ASTM D4355, G155; AATCC 169
Colorfastness to Washing with Soap or Soap and Soda	ISO 105 C10; IS/ISO 105 C10
Shower Test - Bundesmann	IS 392; ISO 9865
Spirallity of Knitted Garments	ISO 16322 Part 2 and Part 3
Colorfastness to Dry Cleaning	IS 4802; ISO 105 D01
Absorbency of Textiles	AATCC 79; IS 2349
Instrumental Color Measurement	AATCC EP-6
Percent Dimension Changed on Soaking in Water	IS 2977
Estimation of Moisture, Ash and Fatty Matters	IS 199
Colorfastness to Articles for Common Use (Artificial Saliva)	DIN 53160-1
Colorfastness to Rubbing with Organic Solvent	IS 3426
Screening Test for Nickel Release	CR 12471, 5.3.4
Burning Behavior-Determination of Ease of Ignition of Vertically Oriented Specimens	ISO 6940, ISO 6941



<b><u>Test:</u></b>	<b><u>Test Method(s):</u></b>
Determination of Flammability & Flame Resistance of Textile Fabric	IS 11871
Determination of Water Repellency of Fabrics by Cone Test	IS 7941
Identification of Application of Class of Dyes on Textiles-Materials: Cotton & Other Cellulose Fibers	IS 4472 Part 1
Identification of Application of Class of Dyes on Textiles-Materials: Wood, Silk, and Other Protein Fibers	IS 4472 Part 2
Identification of Applications of Class of Dyes on Textiles-Materials: Man Made Fibers	IS 4472 Part 3
Domestic Washing and Drying Procedures for Textile Testing	ISO 6330; ISO 3759





*Joint ISO-ILAC-IAF  
Communique on the  
Management Systems Requirements of ISO/IEC 17025,  
General Requirements for the competence of testing and  
calibration laboratories*

*A laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and **management system requirements** that are necessary for it to consistently deliver technically valid test results and calibrations. The **management system requirements** in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001.*

A handwritten signature in black ink, appearing to read "K. Madri".

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ISO Acting Secretary General

A handwritten signature in black ink, appearing to read "Marie Thérèse Wilson".

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ILAC Chair

A handwritten signature in black ink, appearing to be in Chinese characters.

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IAF Chair



## Get Involved!

Participation in a Technical Advisory Committee provides you with the opportunity to provide input on accreditation requirements and policies in your field(s) of accreditation. For more information on committees for specific fields, please contact the A2LA staff member listed below:

Field:	Technical Advisory Committee:	Contact Info:
Construction Materials, Geotechnical, and Putting Green Materials Testing	Construction Materials Advisory Committee (CMAC)	Michael Hart (301 644 3237; <a href="mailto:mhart@A2LA.org">mhart@A2LA.org</a> )
Electrical Testing	Electromagnetic Advisory Committee (EMAC)	Megan Riebau (240 575 7492; <a href="mailto:mriebau@A2LA.org">mriebau@A2LA.org</a> )
Forensic Testing or Inspection Body	Forensic Examination Advisory Committee (FEAC)	Brittney Bryant (240 575 6407; <a href="mailto:bbrvant@A2LA.org">bbrvant@A2LA.org</a> )
Inspection Body	Inspection Body Advisory Committee (IBAC)	Beth Carbonella (301 644 3219; <a href="mailto:ecarbonella@A2LA.org">ecarbonella@A2LA.org</a> )
Biological, Chemical, and Environmental Testing	Life Sciences Advisory Committee (LSAC)	Anna Williams (240 575 7494; <a href="mailto:awilliams@A2LA.org">awilliams@A2LA.org</a> )
Materials Testing (Chemical and Mechanical)	Materials Testing Advisory Committee (MTAC)	Nathan Reed (301 644 3231; <a href="mailto:nreed@A2LA.org">nreed@A2LA.org</a> )
Calibration	Measurement Advisory Committee (MAC)	Ashly Carter (301 644 3238; <a href="mailto:acarter@A2LA.org">acarter@A2LA.org</a> )
Clinical Testing	Medical Testing Advisory Committee (MedTAC)	Carrie Whitaker (240 575 7490; <a href="mailto:cwhitaker@A2LA.org">cwhitaker@A2LA.org</a> )
Product Certification Body	Product Certification Advisory Committee (PCAC)	Jordan Acton (240 575 7496; <a href="mailto:jacton@A2LA.org">jacton@A2LA.org</a> )
Proficiency Testing Provider	Proficiency Testing Provider Advisory Committee (PTPAC)	Jason Poore (301 644 3205; <a href="mailto:jpoore@A2LA.org">jpoore@A2LA.org</a> )
Reference Material Producer	Reference Materials Producer Advisory Committee (RMPAC)	Jason Poore (301 644 3205; <a href="mailto:jpoore@A2LA.org">jpoore@A2LA.org</a> )

You may also view more information on the A2LA website: <https://www.a2la.org/get-involved/tacs>