



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ATLAS MATERIAL TESTING TECHNOLOGY (INDIA) PRIVATE LIMITED
306, 3rd Floor, Delta Wing, Raheja Towers
177, Anna Salai, Chennai INDIA 600 002

Lorenzo Tyler Phone: 305 245 3659

MECHANICAL

Valid To: January 31, 2019

Certificate Number: 0717.06

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following types of tests:

Weathering in a Tropical Environment: Direct and under glass exposures at fixed or variable angle using standard panel racks, special mounting racks; black boxes; special fixtures designed to meet specific client needs, complete climatological data acquisition and reporting.

Evaluations: Visual inspection for all property changes detectable to the unaided eye or under magnification. Instrumental determination of instrumental color, color change, gloss, thickness, transmittance, whiteness index, yellowness index.

On the following products or materials: adhesives & sealants, agricultural & forest products, automotive products (including whole cars), aviation & aerospace materials, building materials (most applications & substrates), coatings, composites, geosynthetics, dyes, glass, inks, leather, packaging, photodegradables, plastics, rubber, textiles, windows & doors, wood & wood products.

Using the following test methods:

AATCC (American Association of Textile Chemists & Colorists)

AATCC EP001 Gray Scale for Color Change

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ASTM (American Society for Testing and Materials)

ASTM D523	Specular Gloss
ASTM D610	Evaluating Degree of Rusting on Painted Steel Surfaces
ASTM D660	Evaluating Degree Checking of Exterior Paints
ASTM D661	Evaluating Degree Cracking of Exterior Paints
ASTM D662	Evaluating Degree Erosion of Exterior Paints
ASTM D714	Evaluating Degree Blistering of Paints
ASTM D772	Evaluating Degree Flaking (Scaling) of Exterior Paints
ASTM D1006	Conducting Exterior Exposure Tests of Paints on Wood
ASTM D1014	Conducting Exterior Exposure Tests of Paints on Steel
ASTM D1435	Outdoor Weathering of Plastics
ASTM D3274	Evaluating Degree of Surface Disfigurement of Paint Films by Microbial (Fungal or Algal) Growth or Soil and Dirt Accumulation
ASTM D4214	Evaluating Degree of Chalking of Exterior Paint Films
ASTM E313	Indexes of Whiteness and Yellowness of Near-White Opaque Materials
ASTM E1331	Reflectance Factor and Color by Spectrophotometry Using Hemispherical Geometry
ASTM G7	Atmospheric Environmental Exposure Testing of Nonmetallic Materials
ASTM G24	Conducting Exposures to Daylight Filtered Through Glass
ASTM G147	Conditioning and Handling of Nonmetallic Materials for Natural and Artificial Weathering Tests

DIN (Deutsches Institut für Normung)

DIN EN ISO 11664-4	Colorimetry - Part 4: CIE 1976 L*a*b* Colour Space
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ISO (International Organization for Standardization)

ISO 105 A02	Grey Scale for Assessing Change in Colour
ISO 877-2	Direct Weathering and Exposure Behind Window Glass
ISO 2810	Paint and Varnishes - Notes for Guidance on the Conduct of Natural Weathering Tests
ISO 2813	Paint and Varnishes - Measurement of Specular Gloss of Nonmetallic Paint Films
ISO 4628	Paints and Varnishes - Evaluation of Degradation of Paint Coatings - Degradation of Paint Coatings, Intensity, Quality and Size of Common Types of Defect



Accredited Laboratory

A2LA has accredited

ATLAS MATERIAL TESTING TECHNOLOGY (INDIA) PRIVATE LIMITED

Chennai, INDIA

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *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 8 January 2009).



Presented this 13th day of February 2017.

A handwritten signature in black ink, appearing to read "L. S. S.", positioned above a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 717.06
Valid to January 31, 2019

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