



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

MAST Lab Ensaios de Qualidade Ltda

**Rua Guaraú, -261 / Vila Gilda
Santo André – SP 09190-220 Brazil**

Fulfils the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.

The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 23 April 2025

Certificate Number: ACT-1860



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
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).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

MAST Lab Ensaios de Qualidade Ltda

Rua Guaraú, -261 / Vila Gilda
 Santo André – SP 09190-220 Brazil
 Cláudio Medrano Siccherino +55 11 985210057
 csiccherino@mastgrupo.com.br www.mastgrupo.com.br

TESTING

Valid to: **April 23, 2025**

Certificate Number: **ACT-1860**

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Salt Spray	ASTM B 117	Metal, Paint	
Neutral Salt Spray Accelerated Acetic Salt Spray Copper Acetic Acid Salt Spray	ISO 9227 Items 5.2, 5.3, and 5.4, NBR 8824, NBR 17088	Metal, Paint	Q-Fog, CCT 1100 Chamber, CRH 1100 Chamber
Cyclic Salt Fog with UV Exposure	ASTM D5894 (Prohesion) ISO 11997-2 ISO 12944-9, Annex B	Metal, Paint	Q-Fog, CCT 1100 Chamber, CRH 1100 Chamber, QUV/SE Light Chamber
Cyclic Corrosion Resistance	GMW 14872, PV 1210, SAE J 2334, ISO 11997-1 Ford CETP 00.00-L-467, Renault ECC1 D17 2028 FIAT 50493/04 Scab In Door	Metal, Paint	
Modified Salt Fog	ASTM G85-11 Annex 1 (AASS), Annex 2 Acidified Salt Spray, Annex 3 Acidified Synthetic Sea Water (Fog) Testing, Annex 5 Modified Salt Spray	Metal, Paint	Q-Fog, CCT 1100 Chamber, CRH 1100 Chamber
Filiform Corrosion	DIN EN ISO 4628-10	Metal, Paint	
Degree of Rusting	ASTM D 610, ISO 4628-3, NBR 5770	Metal, Paint	
Degree of Corrosion	ASTM D 1654	Metal, Paint	

Mechanical

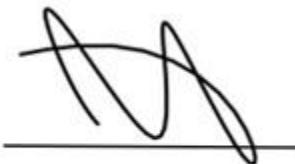
Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Degree of Blistering	ASTM D 714, ISO 4628-2, NBR 5841	Metal, Plastic, Paint	Q-Fog, CCT 1100 Chamber, CRH 1100 Chamber
Saturated Humidity	ASTM 2247, DIN 50017, ISO 6270-1 and 6270-2 NBR 8095	Metal, Plastic, Paint	Q-Fog, CCT 1100 Chamber, CRH 1100 Chamber
Cleveland Condensation Humidity	ASTM D4585	Metal, Plastic, Paint	QCT/ADO Humidity Chamber
Adhesion	ASTM D3359, ISO 2409, NBR 11003	Metal, Plastic, Paint	Scratch Tester
Water Immersion	ASTM D870, ISO 2812-2	Metal, Plastic, Paint	Oven Controller
UV Exposure	ASTM G154, ASTM D4587 ISO 4892-3, ISO 4892-1, ISO 16474-3, ABNT NBR 15380	Metal, Plastic, Paint	QUV/SE Light Chamber
Xenon Exposure	ASTM G155, ISO 4892-2, ISO 16474-2, SAE J 2527, SAE J2412 Volkswagen PV 3930, PV 3929, PV 1303, PV 1306, PV 1502	Metal, Plastic, Paint	Q-Sun Xe-3-HBS, Q-Sun Xe2-HBS, Q-Sun Xe-3-HS, Q-Sun X-1000 Light Chamber
Gloss	WI Procedure for Gloss Measurements	Metal, Plastic, Paint	Micro-TRI-Gloss
Color	WI Procedure for Testing Color	Metal, Plastic, Paint	Spectro-Guide
Thickness	WI Procedure for Testing Thickness	Metal, Plastic, Paint	Byko-Test 8500 Coating Thickness Gage
Cathodic Disbondment Test	ASTM G8-96, ISO 15711, ASTM G4	Metal, Paint	Multi-Channel Potentiostatic (Automatic and Manual)
Chemical Resistance of Protective Linings	ASTM C 868 – 02	Metal, Paint	Four-Neck Cylindrical, Borosilicate-Type Glass Test Cell, or similar
Stone Chip Resistance	SAE J400, DIN EN ISO 20567-1, ASTM D3170	Metal, Plastic, Paint	Gravelometer

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Haze and Luminous Transmittance of Transparent Plastics	ASTM D1003	Plastic film	Haze Gard XL-211

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. ACT-1860.



Jason Stine, Vice President

