



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

SCIENTIFIC CONTROL LABORATORIES, INC.
3158 South Kolin Avenue
Chicago, IL 60623
Ms. Linda Kenny Phone: 773 254 2406

MECHANICAL

Valid To: October 31, 2017

Certificate Number: 0556.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on aircraft and automotive components; coatings; metals & alloys; tools and toys:

<u>Test</u>	<u>Test Method(s)</u>
<i>Environmental simulation</i>	
Acetic Acid	ASTM G85 Annex A1
Corrosion Creepback	ASTM D1654
Humidity	ASTM D1735, D2247
Salt Spray/CASS	ASTM B117, B368 (CASS); ISO 9227
Water immersion	ASTM D870
<i>Metallography</i>	
Coating Thickness	ASTM B487, B499, B504; ISO 1463
Discontinuities in Chromium Plating	ASTM B456 (Appendix X4 and X5)
Micro-Hardness	ASTM B578, E384
Knoop (25, 50, 100, 500) gf	
Vickers (500 gf)	
Microetching	ASTM E407
Preparation of Samples	ASTM E3
Nickel Phosphorus Coatings on Metal	ASTM B733 (Sections 7.3.2, 9.1.1)
Coatings of Gold	ASTM B488 (Sections 9.1, 9.2); MIL-G-45204C (Sections 4.5.3, 4.5.7)
Coating Weight	ASTM B137, B767; MIL-A-8625F
Coating Adhesion	ASTM B571 (Sections 3, 7, 8, 9)
Coating Seal Quality of Anodic Coatings	ASTM B680

<u>Test</u>	<u>Test Method(s)</u>
Pencil Hardness	ASTM D3363
Solderability	ASTM B678
Step Test	ASTM B764
Tape Adhesion	ASTM D3359
Zinc-Nickel Alloy Coated on Steel	ASTM E1659
Taber Abrasion	ASTM D4060
Hexavalent Chromium Analysis	ASTM D6492; Delphi DX900359; GMW3034; ISO 3613
<i>Chemical</i>	
Lead in Paint and Similar Coatings	16 CFR 1303 / CPSC-CH-E1003-09.1; AOAC 974; ASTM E1613
Soluble Metals from Toys (As, Ba, Cd, Cr, Pb, Sb, Se, Hg)	ASTM F963-11 Parts 4.3.5.1 and 4.3.5.2





Accredited Laboratory

A2LA has accredited

SCIENTIFIC CONTROL LABORATORIES, INC.

Chicago, IL

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 9th day of October 2015.

A handwritten signature in black ink, reading "Peter Abney".

President & CEO
For the Accreditation Council
Certificate Number 0556.01
Valid to October 31, 2017

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