



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ST. LOUIS TESTING LABORATORIES, INC.

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St. Louis, MO 63103

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CHEMICAL

Valid To: July 31, 2019

Certificate Number: 0397.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory for tests on the following products and materials: steel, stainless steel, aluminum and alloys, brass and bronze, copper and alloys, titanium, zinc coating, nickel and cobalt alloys, polymers, paint, metallic coatings, polymer coatings, glass and ceramic materials¹.

Test Technologies

Test Method(s)

ICP-AES (Alloys and Lead)

ASTM F963 (Section 4.3.5.1(2)),
ASTM E1613, ASTM E2594;
ICP-SLTL-002 (Rev. 1)²;
16 CFR Part 1303;
CPSC-CH-E1001-08.1;
CPSC-CH-E1002-08.1;
CPSC-CH-E1003-09.1

Gas Chromatography Mass Spectrometry

CPSC-CH-C1001-09.3

X-ray Fluorescence Spectroscopy (XRF, PMI)

ASTM E2119 (*Withdrawn 2009*)³,
ASTM E572;
16 CFR Part 1303

¹ The Consumer Product Safety Improvement Act (CPSIA) requires that every children's product subject to a federal consumer product safety requirement be tested by a Consumer Product Safety Commission (CPSC) accepted laboratory for compliance with the applicable federal children's product safety requirements. Accreditation by A2LA does not infer acceptance by the CPSC. Please verify this organization's acceptance status by using the CPSC's searchable database, located at <http://www.cpsc.gov/cgi-bin/labsearch/>.

² In-house method using modified ASTM E2594.

³ This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.

Test Technologies

Test Method(s)

Optical Emission Spectroscopy of Steel Alloys, Stainless Steels, Cast Iron, Aluminum Alloys (Al, Ar, B, Be, Bi, Bo, C, Ca, Co, Cr, Cu, Fe, Ga, Li, Mg, Mn, Mo, N, Na, Nb, Ni, P, Pb, S, Sb, Si, Sn, Sr, Ti, V, Zn, Zr)

ASTM E415, ASTM E1086, ASTM E1999, ASTM E1251

Combustion Analysis (C and S)

ASTM E1019

SEM/EDS

ASTM E1508

Fourier Transform Infrared Spectroscopy

ASTM E1252

Thermographic Analysis

ASTM E1131, ASTM D6370

Differential Scanning Calorimetry

ASTM D3418

Cathodic Disbondment

ASTM G95

Coating Permeability

ASTM E96/E96M

Coating Adhesion

ASTM D4541

Soluble Migrated Elements

ASTM F2075 (Sections 4.5.2 and 8)

Soluble Element Test

ASTM F963 (Sections 4.3.5.1 (2) and 4.3.5.2)





Accredited Laboratory

A2LA has accredited

ST. LOUIS TESTING LABORATORIES, INC.

St. Louis, MO

for technical competence in the field of

Chemical 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 16th day of June 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 0397.01
Valid to July 31, 2019

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