



THE AMERICAN ASSOCIATION FOR
LABORATORY ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

CHICAGO SPECTRO SERVICE LABORATORY, INC.
Chicago, IL

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 14th day of July 2009.

A handwritten signature in black ink, appearing to read "Peter Abney".

President
For the Accreditation Council
Certificate Number 781.01
Valid to April 30, 2011

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

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

CHICAGO SPECTRO SERVICE LABORATORY, INC.
6245 South Oak Park Avenue
Chicago, IL 60638
Richard Goldblatt Phone: 773 229 0099

CHEMICAL

Valid To: April 30, 2011

Certificate Number: 0781.01

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

<u>Test</u>	<u>Test method(s)</u>
Spectroscopy	
X-Ray Fluorescence	
Wavelength Dispersive X-Ray	ASTM E1621
Steel Analysis by XRF	ASTM E1085
Prep of Disc Specimens (Remelt)	ASTM E1010
Prep of Ores and Slags by Fusion	ASTM E1244 (93)
Optical Emission (OES)	
Al Alloys	ASTM E227 (90)
Zinc Alloys	ASTM E227 (modified for zinc alloys)
Low Alloy Steel	ASTM E415
Stainless Steel	ASTM E1086
Spectrographic (Point-to-Plane)	ASTM E101 (91) (modified with "pre-formed" electrodes)
Combustion (LECO) C, S, N	ASTM E1019
Wet Chemistry Measurements	
Volumetric	
Sn in Solders	ASTM E46 (87)
Photometric	ASTM E60
Photometric Copper	ASTM E62
High Phos. in Brazing Alloys	ASTM E156
Gravimetric	
Zinc Coating Weight	ASTM A90, B659, B767
Tin Coating Weight	ASTM B545, B659
Density (Powder Metal)	ASTM B328
Graphite Ash	ASTM C561
Electrolytic Copper	ASTM E478 (sections 9-17)

<u>Test</u>	<u>Test method(s)</u>
Mechanical	
Tensile – Metals (TS, YS, EL, R of A)	ASTM A370, B557, E8
Fasteners – (Except Proof)	ASTM F606, 606M
Hardness	
Rockwell B, C	ASTM E18 (Rockwell A by Conversion)
Superficial 15T, 30T, 45T	
Superficial 15N, 30N, 45N	
Bend Test for Ductility of Welds	ASTM E190