



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ARCONIC TECHNOLOGY CENTER  
100 Technical Drive  
New Kensington, PA 15069  
Heidi Hileman Phone: 724 337 4182

CHEMICAL

Valid To: July 31, 2020

Certificate Number: 1019.01

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 aluminum, metals and alloys, fabricated products, ores and minerals, coatings, pigments, and lubricants:

**Test Description**

**Test Method(s):**

Spectroscopy:

Spark Atomic Emission Spectroscopy (Spark-AES) and Spectrochemical Reference Material Analysis by Spark Atomic Emission Spectrometry (Spark-AES) (Ag, As, Co, Sc, Si, Fe, Cu, Mg, Zn, Sn, Ni, Li, Mn, Cr, Sr, Pb, Bi, Cd, Ti, Be, V, Ca, Ga, B, Na, Zr, Sb, P)

ASTM E1251, E716;  
ATCMT SOP-03QNT-004, -005;  
SOP-48CERT-005

Spectrochemical Reference Material Analysis by Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP-AES) (Ag, As, B, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, In, Li, Mg, Mn, Mo, Na, Ni, Pb, P, Sb, Sc, Si, Sn, Sr, Ti, V, Y, Zn, Zr)

ATCMT SOP-48ICP-001, -002, -003, -004, -005, -006

Fourier Transform Infrared Analysis (FTIR) Analysis:

Fourier Transform Infrared Analysis (FTIR) Analysis of Lubricant Additives

ATCMT SOP-03IR-001, -002, -005

New, Bulk, Recycled and Residual Lubricant Analysis

21 CFR 178.3620, 178.3650, 178.3700, 178.3710, 178.3910;  
ATCMT SOP-03IR-001, -002;  
ATCMT SOP-03FDA-004, -005

**Test Description:**

Inert Gas Fusion:

Hydrogen in Aluminum

Wet Chemistry:

Conductivity

Ion Chromatography:

Chlorides in Water

**Test Method(s):**

ATCMT SOP-03LECO-007

SM 2510 22nd Edition;  
SOP-03WC-001

SM 4110;  
SOP-03IC-002, SOP-03IC-003





## *Accredited Laboratory*

A2LA has accredited

### **ARCONIC TECHNOLOGY CENTER**

*New Kensington, PA*

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 April 2017*).



Presented this 9<sup>th</sup> day of November 2018.

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

President and CEO  
For the Accreditation Council  
Certificate Number 1019.01  
Valid to July 31, 2020

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