



In December 2016 Crucible Industries LLC was approved for accreditation by the American Association for Laboratory Accreditation (A2LA). Crucible is now approved for our chemical testing to ISO 17025 : 2005.

“ISO/IEC 17025:2005 is an International Standard designed for the accreditation of Testing and Calibration Laboratories. It includes quality management system requirements along with technical requirements to ensure that each laboratory is equipped to perform particular tests and calibration activities.” From A2LA website.



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

CRUCIBLE INDUSTRIES LLC
575 State Fair Blvd.
Solvay, NY 13209
William Mastroe Phone: 315-470-9310

CHEMICAL

Valid To: December 31, 2018

Certificate Number: 4036.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on stainless and tool steels:

<u>Test</u>	<u>Test Method(s)</u>
Combustion / Fusion (LECO) (C, S, N ₂ , O ₂)	ASTM E1019
Optical Emission / Spark (Al, As, B, Cr, Co, Cu, Pb, Mn, Mo, Ni, Nb, P, Se, Ta, Sn, W, V, Ni)	ASTM E415, E1086
XRF (Al, As, Cr, Co, Cu, Fe, Pb, Mn, Mo, Ni, Nb, P, Se, Si, Ta, Sn, Ti, W, V)	ASTM E322, E572, E1085



Accredited Laboratory

A2LA has accredited

CRUCIBLE INDUSTRIES LLC

Solvay, NY

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 19th day of December 2016.

A handwritten signature in black ink, appearing to read "L. Sen", written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 4036.01
Valid to December 31, 2018

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