

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CRUCIBLE INDUSTRIES LLC 575 State Fair Blvd. Solvay, NY 13209

William Mastroe Phone: 315-470-9310

CHEMICAL

Valid To: December 31, 2020 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 <u>stainless and tool steels</u>:

<u>Test Method(s)</u>

Combustion / Fusion (LECO) (C, N₂, O₂, S) ASTM E1019

Optical Emission / Spark (Al, As, B, Cr, Co, Cu, ASTM E415, E1086

Mn, Mo, Nb, Ni, P, Pb, Se, Ta, Sn, W, V)

XRF (Al, As, Cr, Co, Cu, Fe, Pb, Mn, Mo, Nb, Ni, ASTM E322, E572, E1085

P, Se, Si, Sn Ta, Ti, V, W)

Page 1 of 1



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 17025:2017 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).

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Presented this 11th day of December 2018.

President and CEO

For the Accreditation Council Certificate Number 4036.01 Valid to December 31, 2020