



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

WIRCO, INC. /CHAMPAIGN FOUNDRY DIVISION
1700 W. Washington Street
Champaign, IL 61821
Ms. Jennifer McMillan Phone: 217 398 3200 x4970

CHEMICAL

Valid To: March 31, 2020

Certificate Number: 1321.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on stainless steel and related high alloys:

Test

Test Method

Optical Emission Spectroscopy

(Al*, C, Cb*, Co*, Cr, Cu, Mo, Mn,
Ni, P, S, Si, W*, V*)

ASTM E1086 (modified limits for):

Al (1.00% max)*
C (3.00% max)
Cb (2.50% max)*
Co (18.0% max) *
Cr (10.0% to 52.0%)
Cu (0.50% max)
Mo (10.0% max)
Mn (2.0% max)
Ni (0.25% to 80.0%)
P (0.15% max)
S (0.065% max)
Si (2.50% max)
W (18.0% max)*
V (1.00% max)*

*These elements are not indicated in ASTM E1086, but full validations meeting the requirements of ISO/IEC 17025:2005 have been performed using the ASTM E1086 method. The laboratory's internal work instruction for this method is QI-LAB-82.

(A2LA Cert. No. 1321.01) 04/10/2018

Page 1 of 1



Accredited Laboratory

A2LA has accredited

WIRCO, INC./CHAMPAIGN FOUNDRY DIVISION

Champaign, 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 April 2017).



Presented this 10th day of April 2018.

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

President and CEO
For the Accreditation Council
Certificate Number 1321.01
Valid to March 31, 2020