



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

CHARTER STEEL CLEVELAND  
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Cuyahoga Heights, OH 44125  
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CHEMICAL

Valid To: January 31, 2019

Certificate Number: 0358.06

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

| <u>Test</u>  | <u>Test Method(s)</u> |
|--|-----------------------|
| Combustion (LECO)<br>Steel: C, N, O, S   | ASTM E1019            |
| Optical Emission Spectroscopy (OES)<br>Steel: Al, As, B, C, Ca, Cr, Cu, Mn, Mo,<br>Nb, Ni, P, Pb, S, Sb, Si, Sn, Ti, V | ASTM E415             |



## *Accredited Laboratory*

A2LA has accredited

### **CHARTER STEEL CLEVELAND**

*Cuyahoga Heights, OH*

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 22<sup>nd</sup> day of November 2016.

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

President and CEO  
For the Accreditation Council  
Certificate Number 358.06  
Valid to January 31, 2019

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