



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

CHARTER STEEL CLEVELAND  
4300 E. 49<sup>th</sup> Street  
Cuyahoga Heights, OH 44125  
Jan Barnard Phone: 262 268 2497

MECHANICAL

Valid To: January 31, 2019

Certificate Number: 0358.04

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>
Hardenability (Jominy)	ASTM A255; JIS G0561; SAE J406
Rockwell Hardness (HRB, HRC)	ASTM A370, E18
Tensile (Room Temperature)	ASTM A370, E8/E8M
Metallographic Evaluation:	
Decarburization	ASTM E1077
Grain Size	ASTM E112
Inclusion Content	ASTM E45 (Method A, E)
Macroetching	ASTM E381



## *Accredited Laboratory*

A2LA has accredited

### **CHARTER STEEL CLEVELAND**

*Cuyahoga Heights, OH*

for technical competence in the field of

### **Mechanical 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 358.04  
Valid to January 31, 2019

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