

SCOPE OF ACCREDITATION TO ISO 17025:2005

CHARTER STEEL SAUKVILLE MELTING  
1658 Cold Springs Drive  
Saukville, WI 53080  
Jan Barnard Phone: 262 268 2497

## CHEMICAL

Valid To: January 31, 2019

Certificate Number: 0358.01

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>
<u>Chemical Testing</u>	
Combustion (LECO) Steel: N, O	ASTM E1019
Optical Emission Spectroscopy (OES) Steel: Al, As, B, C, Ca, Cr, Cu, Mo, Mn, Nb, Ni, P, Pb, S, Sb, Si, Sn, Ti, V	ASTM E415
<u>Mechanical Testing:</u>	
End Quench Hardenability (Jominy)	ASTM A255; SAE J406; JIS G0561
Rockwell Hardness Testing (C Scale)	ASTM A370, E18
Metallographic Evaluation	
Grain Size	ASTM E112
Macroetching	ASTM E381



## Accredited Laboratory

A2LA has accredited

### CHARTER STEEL SAUKVILLE MELTING

*Saukville, WI*

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 358.01  
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.*