



SCOPE OF ACCREDITATION TO ISO 17025:2017

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

CHEMICAL

Valid To: January 31, 2021

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 Macroetching	ASTM E112 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 17025:2017 *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).



Presented this 11th day of January 2019.

A blue ink signature of the Senior Director, Accreditation Services.

Senior Director, Accreditation Services
For the Accreditation Council
Certificate Number 0358.01
Valid to January 31, 2021

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



*Joint ISO-ILAC-IAF
Communique on the
Management Systems Requirements of ISO/IEC 17025,
General Requirements for the competence of testing and
calibration laboratories*

*A laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and **management system requirements** that are necessary for it to consistently deliver technically valid test results and calibrations. The **management system requirements** in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001.*

A handwritten signature in blue ink, appearing to read 'L. Madri', written over a horizontal line.

ISO Acting Secretary General

A handwritten signature in blue ink, appearing to read 'Marie Theresen Wilson', written over a horizontal line.

ILAC Chair

A handwritten signature in blue ink, appearing to be in Chinese characters, written over a horizontal line.

IAF Chair