



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

MILL STEEL COMPANY  
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MECHANICAL

Valid To: February 29, 2020

Certificate Number: 2384.01

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:</u>
<u>Tension</u>	
Yield, Tensile, Elongation	ASTM E8; JIS Z 2241
Tensile Strain – Hardening Exponents (n-values)	ASTM E646
Plastic Strain Ratio (r)	ASTM E517
Bake Hard Index (0 & 2%)	ASTM A1008; GMW3032
<u>Hardness</u>	
Rockwell Hardness & Rockwell Superficial Hardness (B, C, 15T, 30T)	ASTM E18
<u>Metallographic</u>	
Coating Thickness (Magnetic Method)	ASTM B499
<u>Chemical</u>	
Optical Emission Spectroscopy Analysis of Carbon & Alloy Steel (Al, B, C, Ca, Cr, Cu, Mn, Mo, Nb, Ni, P, S, Si, Ti, V)	ASTM E415



## *Accredited Laboratory*

A2LA has accredited

### **MILL STEEL COMPANY**

*Melvindale, MI*

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 April 2017).



Presented this 5<sup>th</sup> day of February 2018.

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

President and CEO  
For the Accreditation Council  
Certificate Number 2384.01  
Valid to February 29, 2020

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