



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

COMMERCIAL STEEL TREATING CORPORATION

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MECHANICAL

Valid To: March 31, 2020

Certificate Number: 0915.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following fastener and steel component tests:

<b><u>Test</u></b>	<b><u>Test Method(s)</u></b>
Hardness	
Rockwell (A, B, C, 15N, 30N)	ASTM E18
Fastener (Internal and External Threads)	ASTM F606, F606M (Sections 3.1, 4.1, 5.2, and 6.1)
Microhardness (Knoop and Vickers)	ASTM E384
Tensile - Axial and Wedge	ASTM F606, F606M (Sections 3.4 and 3.5);
(Up to 200 Kip for Externally Threaded Fasteners)	ISO-898-1 (Section 9)
Metallographic Evaluation	
Preparation	ASTM E3
Carburization / Decarburization	ASTM F2328;
	ISO 898-1 (Sections 9.10 and 9.11);
	SAE J121 <sup>1</sup> , J121M, J419, J423
Case Depth	SAE J423

<sup>1</sup> This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.



## *Accredited Laboratory*

A2LA has accredited

# COMMERCIAL STEEL TREATING CORPORATION

*Madison Heights, 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 1<sup>st</sup> day of May 2018.

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

President and CEO  
For the Accreditation Council  
Certificate Number 0915.01  
Valid to March 31, 2020

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