



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

STEEL DYNAMICS COLUMBUS  
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MECHANICAL

Valid To: May 31, 2022

Certificate Number: 3586.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on carbon steels:

**Test**

**Test Method(s)**

Tensile

Tension Testing of Metallic Materials  
Strain-Hardening Exponents (n-values) of Metallic Sheet Materials  
Plastic Strain Ratio (*r*) for Sheet Metal

ASTM E8/E8M  
ASTM E646  
ASTM E517

Hardness

Rockwell Hardness (HRBW, HR15TW)

ASTM E18

Impact (Charpy) (22 to -80 degrees C)

ASTM A370

Chemical Tests:

Optical Emission Vacuum Spectrometric Analysis of Low-Alloy  
Steel  
(Al, B, C, Ca, Cr, Cu, Mn, Mo, Nb, Ni, P, S, Sb, Si, Sn, Ti, V)

ASTM E415

Combustion/Inert Gas Fusion Determination of Carbon and Nitrogen

ASTM E1019





## *Accredited Laboratory*

A2LA has accredited

**STEEL DYNAMICS COLUMBUS**

*Columbus, MS*

for technical competence in the field of

**Mechanical 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 17<sup>th</sup> day of September 2020.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 3586.01  
Valid to May 31, 2022

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