



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

STEEL DYNAMICS COLUMBUS
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MECHANICAL

Valid To: May 31, 2024

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(s):

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) (-80 to 22 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 14th day of June 2022.

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, 2024

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