



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

UNITED STATES STEEL CORPORATION
Great Lakes Works
#1 Quality Drive
Ecorse, MI 48229
Thomas C. Kremm Phone: 313-749-3356

MECHANICAL

Valid To: July 31, 2024

Certificate Number: 2227.01

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

| <u>Test:</u> | <u>Test Method(s):</u> | <u>Procedure(s):</u> |
|--|---|--|
| Adhesion Bend Test | ASTM B571 (Paragraph 3) | SJP-9630-045 |
| Impact Test (Galvanize) | ASTM B571 (Paragraph 10) | SJP-9630-041 |
| Coating Adhesion / Powdering (Galvanneal) | ----- | SJP-9630-042, SJP-9630-026; SOP-9630-04-36 |
| Reverse Double Olsen Adhesion | Chrysler LP-461H-120 | SJP-9630-046 |
| Rockwell (B, F and T Scales) and Superficial Hardness | ASTM E18 | SOP-9630-01-05 |
| R-Value | ASTM E517 | SOP-9630-01-06 |
| Surface Roughness / Texture | SAE J911 | SOP-9630-01-67 |
| Tensile-Strain Hardening (n-Values) of Metallic Sheet Materials | ASTM E646 | SOP-9630-01-06 |
| Tension Testing | ASTM A370, E8/E8M; EN10002-1 (Withdrawn in 2009) ¹ ; ISO 6892-1; JIS J2241 | SOP-9630-01-06 |
| Weight of Coating of Zinc-Coated (Galvanized) Iron or Steel Articles | ASTM A90 (W-S-W), A754 (X-Ray) | SJP-9630-049, SJP-9630-006; |
| Iron Content of Galvanneal Coating | ----- | SOP-9620-20-08 |

¹ This laboratory's scope contains a withdrawn method. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.

(A2LA Cert. No. 2227.01) 03/31/2022

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Accredited Laboratory

A2LA has accredited

UNITED STATES STEEL CORPORATION

Ecorse, MI

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 31st day of March 2022.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2227.01
Valid to July 31, 2024

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