



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

THYSSENKRUPP STEEL DISTRIBUTION LLC  
ThyssenKrupp Laboratory Services (TLS)  
Three Thyssen Park  
Detroit, MI 48210  
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MECHANICAL

Valid To: May 31, 2021

Certificate Number: 0547.01

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

<b><u>Test:</u></b>	<b><u>Test Method(s):</u></b>
Bake Hardenability	GMW 3032 (Sect. 3.1.2.1); Chrysler MS-264 (Sect. 2.0); Ford WSS-M1A341 (Sect. 3.3, 4.8)
Bend	ASTM E290 (Sect. 3.1.3, 3.1.4); ASTM A917 (Sect. 9); ASTM A653/A653M (Sect. 8.3); ASTM B571 (Sect. 3); Mercedes MBN 11 250 Heated Bend Test
Coating Weight	ASTM A90/A90M
Double Olsen Coating Adhesion	Chrysler LP-461H-120
Flat Metal Specimen Preparation and Tensile Testing	ASTM A370, E8/E8M; EN 10002-1 (Withdrawn 2007) <sup>1</sup> ; ISO-6892-1; JIS Z2241, Z2201 (Withdrawn 1998) <sup>1</sup>
Optical Emission Spectroscopy (OES) Carbon/Low Alloy Steel: Al, B, C, Ca, Cr, Cu, Mn, Mo, Nb, Ni, P, S, Si, Sn, Ti, V	ASTM E415
Stainless Steel: Al, B, C, Ca, Cr, Cu, Mn, Mo, Nb, Ni, P, S, Si, Sn, Ti, V	ASTM E1086
Plain Strain Ratio (r-value)	ASTM E517

**Test:**

Rockwell Hardness (B, C, 30T)

Strain Hardening Exponent (n-value)

Surface Roughness Using a Profilometer  
(Taylor-Hobson)

**Test Method(s):**

ASTM E18

ASTM E646

SAE J911

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This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.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

# **THYSSENKRUPP STEEL DISTRIBUTION LLC**

*Detroit, 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 1<sup>st</sup> day of May 2019.

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

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 0547.01  
Valid to May 31, 2021

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