SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

AM/NS CALVERT – CENTRAL TESTING LABORATORY
1 AM/NS Way
P.O. Box 456
Calvert, AL 36513
Thomas Bischoff 251 289 3000

MECHANICAL

Valid to: September 30, 2025 Certificate Number: 3475.01

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

Test:	**Test Method(s) [1]:**
Tensile, Yield, % Elongation, R Value, and N Value	ASTM A370, E8/E8M, E517, E646; ISO 6892-1, 10113, 10275; DIN EN ISO 6892-1; JIS Z 2241, Z 2253, Z 2254
Bake Hardening Test (BH0, BH2)	ASTM A653/A653M; EN 10325; JIS G3135
Tensile Test of Tube Qualities	ISO 3183; API Spec. 5L
Notch Impact Test – Charpy	ASTM E23; ISO 148-1
Hardness	
Rockwell Hardness (B and 15T)	ASTM E18
Vickers Hardness (HV10 kg)	ASTM E384, E92
Roughness	ASME B46.1; DIN EN 10049/SEP 1940; ISO 3274, 4287; JIS B 0601, JIS B 0610, JIS B 0651; SAE J911
Drop Weight Tear Test	ASTM E436; API 5L3

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Test:	**Test Method(s) [1]:**
Bend Test (180 and Flattening)	ASTM E290; ISO 7438
V-Bend (Toyota)	TRSTM
VDA Bend	VDA 238-100
Hole Expansion	ISO 16630
Metallographic	
Grain Size (Circular Intercept)	ASTM E112
Inclusion Content	ASTM E45
Microstructure	Metals Handbook Volume 8
Energy-Dispersive Spectroscopy (EDS, SEM) Semi-Quantitative	ASTM E1508; WI 8762
Preparation Method – Metallographic	
Preparation	ASTM E3
Micro and Macro Etching	ASTM E340, E407
Failure Analysis	Using the methods on this scope of accreditation in accordance with the ASM Handbook Volume 11

II. CHEMICAL

Test:	**Test Method(s) [1]:**
Coating Weight	ASTM A90/A90M
Powdering/Adhesion Test for GA Toyota	TRSTM; JIS H0401
Powdering/Adhesion Test for GA Honda	HES C 502-99; JIS H0401
Optical Emission Spectroscopy (Carbon, Low-Alloy Steel)	ASTM E415

[1]When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA *R101 - General Requirements-Accreditation of ISO-IEC 17025 Laboratories.*

Accredited Laboratory

A2LA has accredited

AM/NS CALVERT - CENTRAL TESTING LABORATORY

Calvert, AL

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 16th day of June 2023.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3475.01
Valid to September 30, 2025

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