



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

U.S. ARMY – DEVCOM GROUND VEHICLE SYSTEMS CENTER
MATERIAL CHARACTERIZATION LABORATORY

6501 E. 11 Mile Road
Building 200A, MS 267
Warren, MI 48397
Michael Foley Phone: 586-282-2280

MECHANICAL

Valid To: December 31, 2022

Certificate Number: 4367.10

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following types of tests on Metallic Materials and Elastomeric Material:

<u>Test:</u>	<u>Range:</u>	<u>Test Method¹:</u>
Rockwell Hardness	Scales: A, B, C, 30N, 45N	ASTM E18
Brinell Hardness	10/500, 10/1000, 10/1500, 10/3000	ASTM E10
Microindentation Hardness	25 g, 50 g, 100 g, 200 g, 300 g, 500 g, 1000 g	ASTM E384
Vickers, Knoop Hardness	25 g, 50 g, 100 g, 200 g, 300 g, 500 g, 1000 g, 2000 g	ASTM E92
Notched Bar Impact	406 J -80 °C	ASTM E23
Tension Test	0.2 to 150 kN force 15 – 130 mm gage length	ASTM E8/E8M ASTM B557
Durometer Hardness	Type A	ASTM D2240
Tension Test	Test Method A Up to 1kN Force 23°C to 150°C	ASTM D412
Tension Test	Dumb-bell Type Specimens Up to 1 kN Force 23 °C to 150°C	ISO 37
Tear Test	Up to 1 kN Force 23 °C to 150°C	ASTM D624
Abrasion Resistance	Rotary Drum Abrader	ASTM D5963
Density Specific Gravity		ASTM D297 (Sec. 16.3) ASTM D792

¹This laboratory is also accredited to perform testing using customer specific requirements/methods that are within the ranges listed above.

(A2LA Cert. No. 4367.10) Revised 05/06/2022

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Accredited Laboratory

A2LA has accredited

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Warren, 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 18th day of January 2021.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4367.10
Valid to December 31, 2022

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