



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

AMERICAN TOOLING CENTER
4111 Mt. Hope Road
Grass Lake, MI 49240
Ali Alshara Phone: 517 522 8411

MECHANICAL

Valid To: November 30, 2023

Certificate Number: 3875.01

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

<u>Test:</u>	<u>Test Methods(s)¹:</u>
Tensile ² (up to 150kN)	ASTM A370, B557, E8/E8M
n-value ²	ASTM E646
Metallic Materials- Bend Test ²	ISO 7438, VDA 238-100
Plastic Strain Ratio (r-value) ²	ASTM E517
Rockwell Hardness and Rockwell Superficial ² HRC, HRB, HRH, HRE, & HR15N	ASTM E18
Microhardness Knoop and Vickers ² HV1.0 & HK0.5	ASTM E384
Standard Guide for Preparation of Metallographic Specimens	ASTM E3
Average Grain Size Using Computer Analysis Software	ASTM E112 (Comparison Method Only)
Microetching Metals and Alloys Ultra-High Strength Steel Aluminum Alloy 3000, 5000, & 7000 series	ASTM E407
Surface Texture/Roughness Portable Surface Roughness Tester	SAE J911
Coating Thickness	ASTM B487
Failure Analysis	Using the methods listed above in accordance with the Metals Handbook #11

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*.

² Testing performed on sheet type specimens from automotive body panels.



Accredited Laboratory

A2LA has accredited

AMERICAN TOOLING CENTER

Grass Lake, 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 13th day of August 2021.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3875.01
Valid to November 30, 2023

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