SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT DES MOINES
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MECHANICAL

Valid To: December 31, 2026 Certificate Number: 0098.06

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following mechanical tests on rubber brake hoses, hose products, rubber products, plastics and glass, towing products, and fenestration products:

Test:	Test Method(s):
Brake Hose	ASTM D571, D622; FMVSS 106; SAE J1401, J1402, J1403; GM 6405M; MS-EA-75 <S>; Canada - CMVSS 106 and TSD #106; Australian Design Rules – ADR 7/00 (*Withdrawn 2005*), ADR 42/03 and ADR 42/04; China – GB 16897; Japanese Industrial Standard – JIS D2601; ISO 3996; Volkswagen TL901
Non-Metallic Tubing	FMVSS 106; SAE J844, J1037, J1131, J1394, J2494-3
Ozone	ASTM D518-99 (*Withdrawn 2008*), D1149 *(Except A2)*, D1171
Hose Testing	ASTM D380 *(Except Section 23)*
Durometer Hardness (Shore A and Shore D)	ASTM D2240
Xenon-Arc Light Exposure, (With and Without Water)	ASTM D2565, D3794, D4355, D4459, D5071, D6695, G151, G155; ISO 4892-1; SAE J2527
Glass & Plastic Architectural Safety Glazing Test	ASTM D1003 Procedure A, D1044 ANSI Z97.1 (*Except 5.1.4 type 3, 5.4.1 (1), 5.4.2*); CPSC 16 CFR 1201;

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Test:	**Test Method(s):**
	CAN/CGSB-12.1(*Except 10.1.4.3, 10.4.1.1, and 10.4.2);* ASTM C1036 (*Dimensional Methods Only)*
Glazing Materials for Motor Vehicles	ANSI/SAE Z26.1 (*Except 5.25 and 5.27*); FMVSS 205[1]
Salt Spray (Fog) Testing	ASTM B117
Trailer Couplings, Hitches, and Safety Chains	SAE J684; VESC V-5
Trailer Tow Bar Eye and Pintle Hook/Coupler Performance	SAE J847
Weatherability	ASTM G154
Windows, Doors and Curtain Walls	ASTM E283, E330, E331, E547, E987 Method A, E1886, E1996, E2068, F588, F842, F2090; AAMA 450, 506, 910, 920, 925, 1302.5, 1303.5, 1304, 1701.2, 1702.02, 1704; AAMA/WDMA/CSA 101/I.S.-2/A440; CAN/CGSB-82.1-M89; CSA A440 (except 11.12), A440S1[1]; TAS 201, 202, 203; WDMA I.S.11[1]

[1] *The laboratory is accredited for the test methods listed above. The accredited test methods are used in determining compliance with the material specifications identified above; however, the inclusion of these material specifications on this Scope does not confer laboratory accreditation to the material specifications.*

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Accredited Laboratory

A2LA has accredited

ELEMENT DES MOINES

Des Moines, IA

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 21st day of November 2024.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0098.06
Valid to December 31, 2026
Revised April 21, 2026

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

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