



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Australian Design Rules – ADR 7/00 (*Withdrawn 2005*),  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ASTM D518-99 (*Withdrawn 2008*), D1149 (*Except A2*), D1171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

ASTM D1003 Procedure A, D1044

**Test:****Test Method(s):**

Architectural Safety Glazing  
Test

ANSI Z97.1 (*Except 5.1.4 type 3, 5.4.1 (1), 5.4.2*);  
CPSC 16 CFR 1201;  
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 5.21-5.25 and 5.27*);  
FMVSS 205<sup>1</sup>

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,  
1704;  
AAMA/WDMA/CSA 101/I.S.-2/A440;  
CAN/CGSB-82.1-M89;  
CSA A440 (except 11.12), A440S1<sup>1</sup>;  
TAS 201, 202, 203;  
WDMA I.S.11<sup>1</sup>

<sup>1</sup> *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.*





# 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 21<sup>st</sup> day of November 2024.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

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

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