SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY KOKOMO
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MECHANICAL

Valid To: May 31, 2026 Certificate Number: 1123.05

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following Mechanical tests using the parameters and methods listed below:

Test Type	Test Parameters	Test Method/Standard
High/Low/Cyclic Temperature without Humidity[1]		sections 5.3.1, 5.3.2, 5.3.3, 5.3.4; Ford CEPT:00:00-E-412 sections 5.1, 5.2, 5.3, 5.4, 5.5, 5.17; GMW 3172[2] sections 9.4.1. 9.4.3; GMW 3191 section 4.4.1; USCAR-2 section 5.6.3; MIL-STD-810(G,H) methods 501, 502; MIL-STD-202(G,H) method 108; JDQ 53.3; ISO 16750-4; Hyundai/KIA ES95400-10; IEC 60068-2-14
Temperature Capability with Humidity[1]	(-50 to 150) ºC (30 to 95) %RH	FCA CS.00056 sections 5.3.6, 5.3.7; Ford CEPT:00:00-E-412 sections 5.8, 5.20; GMW 3172[2] sections 9.4.5, 9.4.6; GMW 3191 sections 4.4.3, 4.4.4; USCAR-2 section 5.6.2; USCAR-21 section 4.5.4; MIL-STD-810(G,H) method 507; MIL-STD-202(G,H) methods 103, 106; JDQ 53.3; Hyundai/KIA ES95400-10; ISO 16750-4; IEC 60068-2-38; IEC 60068-2-78

Test Type	Test Parameters	Test Method/Standard
Thermal Shock[1]	(-50 to 190) ºC Air to Air	FCA CS.00056 section 5.3.5; Ford CEPT:00:00-E-412 sections 5.6, 5.7; GMW 3172[2] section 9.4.2; GMW 3191 section 4.4.2; USCAR-2 section 5.6.1; USCAR-21 section 4.5.5; MIL-STD-810(G,H) method 503; MIL-STD-202(G,H) method 107; JDQ 53.3; ISO 16750-4
Force Testing Tension and Compression[1]	Up to 2 kN	FCA CS.00056 section 5.4.2; Ford CEPT:00:00-E-412; GMW 3172[2] -

Test Type	Test Method/Standard
Dust Intrusion[1]	DIN 40050-9e; FCA CS.00056 section 5.5.1; Ford CEPT:00:00-E-412 section 5.10.1; GMW 3172[2] section 9.5.1; IEC 60529; SAE J1455 2017, Alternate Method only
Salt Fog / Spray	

Accredited Laboratory

A2LA has accredited

ELEMENT MATERIALS TECHNOLOGY KOKOMO

Kokomo, IN

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*).

Pr(0 0 ¢` -1 T4Tj /TT4 July 2024.

Mr. Trace McInturff, Vice President , Accreditation Services
For the Accreditation Council

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