



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

APTIV WESTFIELD TEST LAB
WEL Validation Lab
17001 Oak Ridge Road
Westfield, IN 46074

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MECHANICAL

Valid to: July 31, 2026

Certificate Number: 1567.04

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following environmental simulation tests on automotive components:

Test Technology:

Test Equipment Capabilities¹:

Test Method(s)²:

Environmental Testing

(Temperature/Humidity
Static/Cyclic
Thermal Shock
Thermal Exposure
Humidity Exposure)

(-50 to 150) °C, ± 3°C
(10 to 95) %RH, ± 5%
Non-condensing
(10 to 65) °C, ± 3°C
85% RH @ 85° C

GMW 3172 (2008, 2010, 2012, 2014,
2015, 2018, 2023);
CS-11982 (2013);
CS.00056 (2015, 2018);
CETP 00.00-E-412:200703;
CETP 00.00-E-412:201107

Salt Fog/Spray

GMW 3172 (2008, 2010, 2012, 2014,
2015, 2018, 2023);
CS-11982 (2013);
CS.00056 (2015, 2018);
CETP 00.00-E-412:200703;
CETP 00.00-E-412:201107

Dust

GMW 3172 (2008, 2010, 2012, 2014,
2015, 2018, 2023);
CS-11982 (2013);
CS.00056 (2015, 2018);
CETP 00.00-E-412:200703;
CETP 00.00-E-412:201107

***Fluids Compatibility /
Chemical Resistance***

GMW 3172 (2008, 2010, 2012, 2014,
2015, 2018, 2023);
CS-11982 (2013);
CS.00056 (2015, 2018);
CETP 00.00-E-412:200703;
CETP 00.00-E-412:201107

Test Technology:

**Test Equipment
Capabilities¹:**

Test Method(s)²:

Free-fall / Drop

GMW 3172 (2008, 2010, 2012, 2014,
2015, 2018, 2023);
CS-11982 (2013);
CS.00056 (2015, 2018);
CETP 00.00-E-412:200703;
CETP 00.00-E-412:201107

Water Tests

GMW 3172 (2008, 2010, 2012, 2014,
2015, 2018, 2023);
CS-11982 (2013);
CS.00056 (2015, 2018);
CETP 00.00-E-412:200703;
CETP 00.00-E-412:201107

Vibration

Shakers:
Up to 15,000 lbf Vibration,
Maximum Velocity of 63
in/sec,

Maximum Displacement of 2",
Random, Sine, Mixed Mode,
and Classical Shock control

GMW 3172 (2008, 2010, 2012, 2014,
2015, 2018, 2023);
CS-11982 (2013);
CS.00056 (2015, 2018);
CETP 00.00-E-412:200703;
CETP 00.00-E-412:201107

*Mechanical Shock
(Excluding Closure Slam)*

Acceleration Range:
(10 to 1400) g Half Sine

Pulse Duration Range:
(0.1 to 20) ms,
(peak acceleration dependent)

Temperature Chamber:
(-50 to 125) °C, ± 3°C
(up to 50g Half Sine)

GMW 3172 (2008, 2010, 2012, 2014,
2015, 2018, 2023);
CS-11982 (2013);
CS.00056 (2015, 2018);
CETP 00.00-E-412:200703;
CETP 00.00-E-412:201107

*Connector Lead/Lock
Strength*

CETP 00.00-E-412:200703;
CETP 00.00-E-412:201107;
GMW3191

¹Also using customer supplied test specifications based on the test capabilities and parameters listed above.

² 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 test method, per Annex A, Part C of A2LA's *R101 - General Requirements: Accreditation of Conformity Assessment Bodies*.



Accredited Laboratory

A2LA has accredited

APTIV WESTFIELD TEST LAB

Westfield, 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).



Presented this 22nd day of August 2024.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1567.04
Valid to July 31, 2026

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