



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

XYTEK INDUSTRIES INC.
19431 West Davison
Detroit, MI 48223
Blair Kergan Phone: 313 838 6960
www.XYTEKTESTING.com

ACOUSTICS & VIBRATION

Valid To: October 31, 2023

Certificate Number 0886.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following types of tests on automotive components and assemblies, military components and assemblies, and aerospace components and assemblies and medical components and assemblies:

Test Technology:

Vibration:

Sine and Random, 3 axis
Frequency: (5 to 10) kHz
Force: Up to 15,000 lbf
1 Inch Displacement
(With Option of Simultaneous Thermal Testing)

Test Method(s):

MIL-STD 810C, Method 514.2;
MIL-STD 810D, Method 514.3;
MIL-STD 810E, Method 514.4;
MIL-STD 810F, Method 514.5;
MIL-STD 810G, Method 514.6

DaimlerChrysler PF-8243; PF-8559; PF-8982;
PF-9019 (Procedures 2.4.3.1.2 and 2.4.3.1.3);
PF-9735 (Procedure 6.3.1.3);
GM 9110P; GMW 3112GS-5-1-V-1;
GMW 3172; GMUTS L-15-331, Section 2.2.2;
TMC TSF 6761G;
ES-DM5E-9424-AA

Mechanical Shock:

Per Customer Request:
Up to 1000 g's

MIL-STD 810C, Method 516.2;
MIL-STD 810D, Method 516.3;
MIL-STD 810E, Method 516.4;
MIL-STD 810F, Method 516.5;
MIL-STD 810G, Method 516.6

DaimlerChrysler PF-8243; PF-8559; PF-8982;
PF-9019 (Procedures 2.4.3.1.2 and 2.4.3.1.3);
GM 9110P; GMW 3112GS-5-1-V-1;
GMW 3172; GMUTS L-15-331, Section 2.2.2;
TMC TSF 6761G;
ES-DM5E-9424-AA

Test Technology:

Thermal Testing:

Customer profiles from (-100 to 350) °F

Relative Humidity:

(2 to 98) %RH @

(50 to 194) °F

(With Option of Simultaneous Vibration)

Test Method(s)¹:

MIL-STD 810C, Methods 501.1 and 507.1;

MIL-STD 810D, Methods 501.2 and 507.2;

MIL-STD 810E, Methods 501.3 and 507.3;

MIL-STD 810F, Methods 501.4 and 507.4;

MIL-STD 810G, Methods 501.5 and 507.5

DaimlerChrysler PF-9007, Appendix B, Procedure 2.7;

PF-8243; PF-8559; PF-8982; PF-9019

(Procedures 2.4.3.1.2 and 2.4.3.1.3);

GM 9110P; GMW 3112GS-5-1-V-1; GMW 3172;

GMUTS L-15-331, Section 2.2.2;

TMC TSF 6761G (Procedures 6.2.1, 6.2.2, 6.2.3, 6.2.5);

ES-DM5E-E9424-AA

¹Also using customer specific test specifications utilizing any combination of test equipment parameters listed above.



Accredited Laboratory

A2LA has accredited

XYTEK INDUSTRIES INC.

Detroit, MI

for technical competence in the field of

Acoustics and Vibration 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 30th day of November 2021.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0886.01
Valid to October 31, 2023

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