



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

FSTL
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MECHANICAL

Valid To: June 30, 2025

Certificate Number: 2324.01

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 transportation seating products:

Test

Test Methods

Child Restraint Anchorage Systems¹:
Tension Up to 9000 lbs

CMVSS 210.1, 210.2; FMVSS 571.225;
FSTL Tension Test Procedures LP03, LP25, LP28

Compression¹:
Up to 5000 lbs

FSTL Compression Test Procedures LP04, LP23, LP25,
LP28

Cyclic Fatigue¹:
(100 to 250) lbs
Up to 12 in
Up to 10 Hz

FSTL Fatigue Test Procedures LP02, LP24

Devices for Use in Defining and Measuring
Vehicle Seating Accommodation – Hpoint¹:
Displacement Up to 36 in

SAE J826 (November 2008)²

Displacement¹:
Up to 36 in

FSTL Displacement Test Procedures LP01

Seat Belt Assembly Anchorages¹:
Tension Up to 9000 lbs

CMVSS 210; FMVSS 571.210;
FSTL Tension Test Procedures LP03, LP25, LP28

Seating Systems¹:
Tension (0 to 9000) lbs

FMVSS 571.207; CMVSS 207;
FSTL Tension Test Procedures LP03, LP25, LP28

Test

Test Methods

School Bus Passenger Seating and Crash Protection¹:

FMVSS 571.222; CMVSS 222

Tension Up to 9000 lbs
Compression Up to 5000 lbs
Displacement Up to 36 in
Acceleration (0 to 1,000) g

Seat performance forward and rearward. Seat cushion latching and retention. Quasi-static test of compartmentalization and Type 2 seat belt performance. Impact zone requirements (Head protection Zone. Leg protection zone.)

¹ Using customer supplied specifications directly related to the types of tests listed above.

² This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.





Accredited Laboratory

A2LA has accredited

FSTL

Chicago, IL

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 24th day of October 2023.

A blue ink signature of Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2324.01
Valid to June 30, 2025

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