



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

FSTL
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Chicago, IL 60625
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MECHANICAL

Valid To: June 30, 2019

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 tests on transportation seating products:

<u>Test</u>	<u>Test Methods</u>
Child Restraint Anchorage Systems*: Tension Up to 9000 lbs	CMVSS 210.1, 210.2; FMVSS 571.225; FSTL Tension Test Procedures LP03, LP25, LP28
Compression*: Up to 5000 lbs	FSTL Compression Test Procedures LP04, LP23, LP25, LP28
Cyclic Fatigue*: (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 – Hpoint*: Displacement Up to 36 in	SAE J826 (November 2008)
Displacement*: Up to 36 in	FSTL Displacement Test Procedures LP01
Vibration (Hydraulic Single Axis)*: Up to 3 in Stroke (5 to 70) Hz Up to 30 g 6000 lbs force	FSTL Vibration Test Procedures LP30, LP31
Seat Belt Assembly Anchorages*: Tension Up to 9000 lbs	CMVSS 210; FMVSS 571.210; FSTL Tension Test Procedures LP03, LP25, LP28

Test

Test Methods

Seating Systems*:
Tension (0 to 9000) pounds

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

School Bus Passenger Seating and Crash
Protection*:

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
reward. 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.)

**Also using similar test methods based on the parameters listed above.*





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 17025:2005 *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 8 January 2009).



Presented this 7th day of July 2017.

A handwritten signature in black ink, appearing to read "L. Sen", written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 2324.01
Valid to June 30, 2019

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