



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

**MSA Innovation, LLC**  
1100 Cranberry Woods Drive  
Cranberry Twp., PA 16066

Fulfills the requirements of

**ISO/IEC 17025:2017**

In the field of

**TESTING**

This certificate is valid only when accompanied by a current scope of accreditation document.  
The current scope of accreditation can be verified at [www.anab.org](http://www.anab.org).

Jason Stine, Vice President

Expiry Date: 10 August 2027

Certificate Number: L2456



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
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).

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017**

**MSA Innovation, LLC**  
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**TESTING**

ISO/IEC 17025 Accreditation Granted: **04 August 2025**

Certificate Number: **L2456**

Certificate Expiry Date: **10 August 2027**

**Mechanical**

<b>Specific Tests and/or Properties Measured</b>	<b>Specification, Standard, Method, or Test Technique</b>	<b>Items, Materials or Product Tested</b>	<b>Key Equipment or Technology</b>
Abrasion Resistance Testing	ANSI Z359.13 Section 4.1.9	Energy Absorbers & Energy Absorbing Lanyards	Abrasion Resistance Tester
Static Strength Testing of Personal Energy Absorbers	ANSI Z359.13 Section 4.3	Personal Energy Absorbers	Tensile Tester
Dynamic Performance Testing of Personal Energy Absorber	ANSI Z359.13 Section 4.4	Personal Energy Absorbers	Dynamic Testing
Dynamic Performance Testing of Energy Absorbing Lanyards	ANSI Z359.13 Section 4.5	Energy Absorbing Lanyards	Dynamic Testing
Static Strength Testing of Energy Absorbing Lanyards	ANSI Z359.13 Section 4.6	Energy Absorbing Lanyards	Tensile Tester
Static Strength Testing of Y-Lanyards	ANSI Z359.13 Section 4.7	Energy Absorbing Lanyards	Tensile Tester
Dynamic Performance Testing of Y-Lanyards – Single Connection	ANSI Z359.13 Section 4.8	Energy Absorbing Lanyards	Dynamic Testing
Dynamic Performance Testing of Y-Lanyards - Dual Connection	ANSI Z359.13 Section 4.9	Energy Absorbing Lanyards	Dynamic Testing

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Static Strength Testing of Wrap-Around Energy Absorbing Lanyards	ANSI Z359.13 Section 4.11	Energy Absorbing Lanyards	Tensile Tester
Environmental Simulation	ANSI Z359.13 Sections: 4.13.1 – Wet 4.13.2 – Cold Dry 4.13.3 – Hot Dry	Personal Energy Absorbers, Energy Absorbing Lanyards	Water Freezer Oven Digital Thermometer
Static Testing of Self-Retracting Devices	ANSI Z359.14 Section 4.2.1	Self-Retracting Devices	Tensile Tester
Static Testing of Self-Retracting Lanyard, Personal Connectors	ANSI Z359.14 Section 4.2.2	Self-Retracting Devices	Tensile Tester
Locking Strength Testing of Self-Retracting Devices	ANSI Z359.14 Section 4.2.3	Self-Retracting Devices	Tensile Tester
Dynamic Performance of Self-Retracting Devices (SRDs)	ANSI Z359.14 Section 4.3.1	Self-Retracting Devices	Dynamic Testing Water Freezer Oven Digital Thermometer
Additional Dynamic Performance Testing of Self-Retracting Lanyards, Personal (SRL-Ps)	ANSI Z359.14 Section 4.3.2	Self-Retracting Devices	Dynamic Testing
Additional Dynamic Performance Testing of Self-Retracting Devices (SRDs) – Class 2	ANSI Z359.14 Section 4.3.3	Self-Retracting Devices	Dynamic Leading Edge Testing Water Freezer Oven Digital Thermometer Tensile Tester
Qualification Testing of Self-Retracting Lanyards with Integral Rescue Capability (SRL-Rs)	ANSI Z359.14 Section 4.3.4	Self-Retracting Devices with Rescue Capabilities	Rescue, Post Fall Arrest Testing of SRL-R Function Testing
Qualification Testing of Self-Retracting Lanyards with Integral Rescue Capability (SRL-Rs)	ANSI Z359.14 Section: 4.3.4.3.1 Hot Conditioning 4.3.4.3.2 Cold Conditioning 4.3.4.3.3 Wet Conditioning	Self-Retracting Devices with Rescue Capabilities	Rescue, Post Fall Arrest Testing of SRL-R Water Freezer Oven Digital Thermometer

**Mechanical**

<b>Specific Tests and/or Properties Measured</b>	<b>Specification, Standard, Method, or Test Technique</b>	<b>Items, Materials or Product Tested</b>	<b>Key Equipment or Technology</b>
Static Strength Testing of SRL-R	ANSI Z359.14 Section 4.3.4.4	Self-Retracting Devices with Rescue Capabilities	Tensile Tester
Energy Capacity Testing	ANSI Z359.14 Section 4.4	Self-Retracting Devices	Dynamic Testing
Retraction Tension Testing	ANSI Z359.14 Section 4.5	Self-Retracting Devices	Function Testing
Static Test for Dual Self-Retracting Lanyards, Personal (SRL-Ps)	ANSI Z359.14 Section 4.6.1	Self-Retracting Devices	Tensile Tester
Self-Retracting Lanyard, Personal (SRL-Ps) Dual Connection	ANSI Z359.14 Section 4.6.2	Self-Retracting Devices	Dynamic Testing
Wrap-Around Strength for Self-Retracting Lanyard, Personal (SRL-Ps)	ANSI Z359.14 Section 4.6.3	Self-Retracting Devices	Abrasion Resistance Tester, Tensile Tester
Static Strength Test Fixed Length Lanyards	ANSI Z359.3 Section 4.2.1	Positioning and travel restraint lanyards	Tensile Tester
Static Strength Test Adjustable Length Lanyards	ANSI Z359.3 Section 4.2.2	Positioning and travel restraint lanyards	Tensile Tester
Dynamic Strength Test	ANSI Z359.3 Section 4.2.3	Rope Adjusters positioning and travel restraint lanyards	Dynamic Testing
Abrasion Resistance Testing	ANSI Z359.3 Section 4.2.5	All Lanyards	Abrasion Resistance Tester
Dynamic Feet First Drop Test	ANSI Z359.11 Section 4.3.3	Full Body Harnesses	Dynamic Testing
Dynamic Head First Drop Test	ANSI Z359.11 Section 4.3.4	Full Body Harnesses	Dynamic Testing
Static Feet First Test	ANSI Z359.11 Section 4.3.5	Full Body Harnesses	Tensile Tester
Fall Arrest Indicator Test	ANSI Z359.11 Section 4.3.6	Full Body Harnesses	Dynamic Testing
Static (Feet First Test for Lanyard Parking Attachment Element)	ANSI Z359.11 Section 4.3.7	Full Body Harnesses	Tensile Tester
Static Strength test for Type A Anchorage Connectors	ANSI Z359.18 Section 4.2.1.1	Type A Anchorage Connectors	Tensile Tester
Static Strength test for Type T Anchorage Connectors	ANSI Z359.18 Section 4.2.1.2	Type T Anchorage Connectors	Tensile Tester
Dynamic Strength Test Procedure	ANSI Z359.18 Section 4.2.2.1.4	Type A Anchorage Connectors	Dynamic Testing

**Mechanical**

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Dynamic Strength Test Procedure	ANSI Z359.18 Section 4.2.2.2.4	Type T Anchorage Connectors	Dynamic Testing
Residual Dynamic Strength Test for Type A Anchorage Connectors	ANSI Z359.18 Section 4.2.3.1	Type A Anchorage Connectors	Dynamic Testing
Residual Dynamic Strength Test for Type T Anchorage Connectors	ANSI Z359.18 Section 4.2.3.2	Type T Anchorage Connectors	Dynamic Testing
Serviceability Load Test for Type T Anchorage Connectors	ANSI Z359.18 Section 4.2.4.2	Type T Anchorage Connectors	Static Test: Vertical Static Test Machine



Jason Stine, Vice President

