1000 Cranberry Woods Drive,
Cranberry Township, PA 16066

MSA Declaration of Conformity
In Accordance with ANSI/ASSP Z359.7-2019
IAC-23-066 - Z04 Rev 5

Statement of Conformity: MSA declares that the
2.4m V-TEC EDGE Web PFL
is in conformity with the requirements of
ASSP/ANSI Z359.14-2021

Product Code	**Model / Part Numbers Covered**
IAC-23-066	VTLEW-021-XX-A and VTLEW-022-XX-A where XX represents ANSI Compliant Top and Bottom Connectors

ANSI/ISEA 125-2014 conformity assessment method: ☐ Level 1 ☒ Level 2

For Level 2, information about ISO 17025-accredited facility in which the product was tested:

☐ The test facility is an independent 3rd Party ISO 17025-accredited facility
ISO Accrediting Agency:

☒ The test facility is owned or partially owned by an entity within supplier's corporate structure, or within the manufacturing stream for this product, including subcontractors and sub-suppliers.

ISO Accrediting Agency: ANAB ANSI National Accreditation Board

Report	Test Facility Used:	Test Facility Document #
1	FPLab	FPLAB-113
2	FPLab	FPLAB-122-02

For additional information about this product(s), please contact MSA Customer Service at 1-800-MSA-2222. When requesting information, please reference model number(s).

Jacob Hays
Jacob Hays (May 16, 2024 07:53 EDT)

QA Rep: Jacob Hays — Date: 05/16/2024 MM/DD/YYYY

Mitchell Hetrich
Mitchell Hetrich (May 16, 2024 14:16 EDT)

Qualified Person: Mitch Hetrich — Date: 05/16/2024 MM/DD/YYYY

Performance Details
Revision 5

Report	Standard and Product Requirements	Acceptance Criteria	Pass / Fail
1	3.1.5 & 3.5 (4.5) Corrosion conditioned retraction tension	Retraction force shall be greater than 1.25lbs and less than 25.0lbs	Pass
1	3.2.1 (4.2.1) Static Strength of Self-Retracting Devices (SRDs)	SRD shall withstand, without breaking, a static load of 3600lbs (16kN) for one minute	Pass
1	3.2.2 (4.2.2) Static Testing of Self-Retracting Lanyard, Personal Connectors	Connector installed in vulnerable orientations shall withstand, without breaking, a static load of 3600lbs (16kN) for one minute	Pass
1	3.2.3 (4.2.3) Locking Strength Test	Devices without a rotary brake shall withstand, without breaking and releasing the load, a static load of 1800lbs (8kN)	Pass
1,2	3.3.1 (4.3.1) Dynamic Performance of SRDs - Ambient Conditioning	Locking function shall continue to operate, visual indicator shall activate when dynamically tested, maximum arrest force shall be 1800lbf or less, average arrest force shall be 1350lbf or less, and the arrest distance shall not exceed 42in	Pass
1,2	3.3.1.5 (4.3.1.7) Dynamic Performance of SRDs - Hot Conditioning	Locking function shall continue to operate, visual indicator shall activate when dynamically tested, maximum arrest force shall be 1800lbf or less, average arrest force shall be 1575lbf or less, and the arrest distance shall not exceed 42in	Pass
1,2	3.3.1.5 (4.3.1.8) Dynamic Performance of SRDs - Cold Conditioning	Locking function shall continue to operate, visual indicator shall activate when dynamically tested, maximum arrest force shall be 1800lbf or less, average arrest force shall be 1575lbf or less, and the arrest distance shall not exceed 42in	Pass
1,2	3.3.1.5 (4.3.1.9) Dynamic Performance of SRDs - Wet Conditioning	Locking function shall continue to operate, visual indicator shall activate when dynamically tested, maximum arrest force shall be 1800lbf or less, average arrest force shall be 1575lbf or less, and the arrest distance shall not exceed 42in	Pass
1,2	3.3.2 (4.3.2) Additional Dynamic Performance of SRL-Ps	Locking function shall continue to operate, visual indicator shall activate, and maximum arrest force shall not exceed 1800lbf	Pass

1,2	3.3.3.2 (4.3.3) Dynamic Performance for SRDs - Class 2: Perpendicular Leading Edge - Ambient Conditioning	Visual indicator shall activate, maximum arrest force shall be 1800lbs or less, and average arrest force shall be 1350lbs or less. Following dynamic test, portion of lifeline that came into contact with the edge shall withstand a static load of 1000lbs for 1 minute	Pass
1,2	3.3.3.3 (4.3.3.8) Dynamic Performance for SRDs - Class 2: Perpendicular Leading Edge - Hot Conditioning	Visual indicator shall activate, maximum arrest force shall be 1800lbs or less, and average arrest force shall be 1575lbs or less. Following dynamic test, portion of lifeline that came into contact with the edge shall withstand a static load of 1000lbs for 1 minute	Pass
1,2	3.3.3.3 (4.3.3.9) Dynamic Performance for SRDs - Class 2: Perpendicular Leading Edge - Cold Conditioning	Visual indicator shall activate, maximum arrest force shall be 1800lbs or less, and average arrest force shall be 1575lbs or less. Following dynamic test, portion of lifeline that came into contact with the edge shall withstand a static load of 1000lbs for 1 minute	Pass
1,2	3.3.3.3 (4.3.3.10) Dynamic Performance for SRDs - Class 2: Perpendicular Leading Edge - Wet Conditioning	Visual indicator shall activate, maximum arrest force shall be 1800lbs or less, and average arrest force shall be 1575lbs or less. Following dynamic test, portion of lifeline that came into contact with the edge shall withstand a static load of 1000lbs for 1 minute	Pass
1,2	3.3.3.3 (4.3.3) Dynamic Performance for SRDs - Class 2: Offset Leading Edge - Ambient Conditioning	Visual indicator shall activate, maximum arrest force shall be 1800lbs or less, and average arrest force shall be 1350lbs or less. Following dynamic test, portion of lifeline that came into contact with the edge shall withstand a static load of 1000lbs for 1 minute	Pass
1,2	3.3.3.3 (4.3.3.8) Dynamic Performance for SRDs - Class 2: Offset Leading Edge - Hot Conditioning	Visual indicator shall activate, maximum arrest force shall be 1800lbs or less, and average arrest force shall be 1575lbs or less. Following dynamic test, portion of lifeline that came into contact with the edge shall withstand a static load of 1000lbs for 1 minute	Pass
1,2	3.3.3.3 (4.3.3.9) Dynamic Performance for SRDs - Class 2: Offset Leading Edge - Cold Conditioning	Visual indicator shall activate, maximum arrest force shall be 1800lbs or less, and average arrest force shall be 1575lbs or less. Following dynamic test, portion of lifeline that came into contact with the edge shall withstand a static load of 1000lbs for 1 minute	Pass

1,2	3.3.3.3 (4.3.3.10) Dynamic Performance for SRDs - Class 2: Offset Leading Edge - Wet Conditioning	Visual indicator shall activate, maximum arrest force shall be 1800lbs or less, and average arrest force shall be 1575lbs or less. Following dynamic test, portion of lifeline that came into contact with the edge shall withstand a static load of 1000lbs for 1 minute	Pass
1	3.5 (4.5) Retraction Tension - Ambient Conditioning	Retraction force shall be greater than 1.25lbs and less than 25.0lbs	Pass
1	3.6.1 (4.6.1) Static Test for Dual SRL-Ps	Class 1 and 2 devices shall withstand, without breaking, a static load of 3600lbf	Pass
1,2	3.6.2 (4.6.2) SRL-P Dual Connection	Attach both legs to load cell. Dynamically test. If the maximum arrest force exceeds 1,800 pounds, markings and instructions must include warnings in accordance with 5.1.9 and 5.2.10	Pass
1	3.6.3 (4.6.3) Wrap-Around Strength for SRL-Ps	After dynamic testing, and 2500 cycles of lifeline abrasion, the webbing shall withstand a static load of 3600lbf for 1 minute without breaking	Pass

Revision	Date	Project Engineer	Qualified Person
0	6/6/2018	Jeff Harding	RGM
1	6/20/2019	Jeff Harding	RGM
2	10/18/2019	Jeff Harding	Paul Worst
3	2/24/2022	Loryn Bertoti	Ryan Le Grand
4	3/22/2023	Jeff Harding	Michael Limbacher
5	5/1/2024	Mitch Hetrich	Mitch Hetrich