1000 Cranberry Woods Drive,
Cranberry Township, PA 16066

MSA Declaration of Conformity
In Accordance with ANSI/ASSP Z359.7-2019
IAC-20-024 - Z04 Rev 1

Statement of Conformity: MSA declares that the
V-SHOCK LE 8ft and 10ft Web PFL
is in conformity with the requirements of
ANSI Z359.14-2021

Product Code	**Model / Part Numbers Covered**
IAC-20-024	VSLEW-021-αβ-A and VSLEW-022-αβ-A VSLEW-031-αβ-A and VSLEW-032-αβ-A VSLEW-031-αβ-A-TB and VSLEW-032-αβ-A-TB Where: α = ANSI Compliant Top Connector β = ANSI Compliant Bottom Connector TB = Tie-back variant

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	2022100417
2	FPLab	2022100418
3	FPLab	FPLAB-114

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).

Brooke Conroy
QA Rep: Brooke Conroy

Apr 27, 2023
Date: MM/DD/YYYY

Mitchell Hetrich
Mitchell Hetrich (Apr 24, 2023 09:32 EDT)
Qualified Person: Mitch Hetrich

Apr 24, 2023
Date: MM/DD/YYYY

Performance Details
Revision 1

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	3.2.3 (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	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	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	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	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	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	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	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	3.3.3.2 (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	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 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	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 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	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 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	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	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 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	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 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	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 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
2	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
3	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
3	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
3	3.5 (4.5) Retraction Tension - Ambient Conditioning	Retraction force shall be greater than 1.25lbs and less than 25.0lbs	Pass

Revision	Date	Project Engineer	Qualified Person
0	10/24/2022	Mitch Hetrich	Grant Myers
1	4/21/2023	Mitch Hetrich	Mitch Hetrich