



The Safety Company

1000 Cranberry Woods Drive,
Cranberry Township, PA 16066

MSA Declaration of Conformity

In Accordance with ANSI/ASSP Z359.7-2019
IAC-20-022 - Z04 Rev 1

Statement of Conformity: MSA declares that the
V-SHOCK 30ft and 50ft SRLs
is in conformity with the requirements of
ANSI Z359.14-2021

Product Code	Model / Part Numbers Covered
IAC-20-022	VSLEG-101-αβ-A and VSLEG-151-αβ-A Where: α = ANSI Compliant Top Connector β = ANSI Compliant Bottom Connector

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 #
<u>1</u>	<u>FPLab</u>	<u>230922-171022</u>
<u>2</u>	<u>FPLab</u>	<u>FPLAB-120-01</u>

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

Mar 16, 2023

Date: MM/DD/YYYY

Michael E Limbacher

Qualified Person: Michael Limbacher

Mar 2, 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, 2	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	3.3.3.2 (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
1	3.5 (4.5) Retraction Tension - Ambient Conditioning - 50ft Lifeline Model	Retraction force shall be greater than 1.25lbs and less than 25.0lbs	Pass

1	3.5 (4.5) Retraction Tension - Ambient Conditioning - 30ft Lifeline Model	Retraction force shall be greater than 1.25lbs and less than 25.0lbs	Pass
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Revision	Date	Project Engineer	Qualified Person
0	10/20/2022	Matt Jacob	Michael Limbacher
1	3/1/2023	Michael Goodspeed	Michael Limbacher