



The Safety Company

1000 Cranberry Woods Drive,
Cranberry Township, PA 16066

MSA Declaration of Conformity

In Accordance with ANSI/ASSP Z359.7-2019
IAC-20-026 - Z04 Rev 0

Statement of Conformity: MSA declares that the
V-TEC 1.8m PFL
is in conformity with the requirements of
ANSI Z359.14-2021

Product Code	Model / Part Numbers Covered
IAC-20-026	VTOHW-011- $\alpha\beta$ -A and VTOHW-012- $\alpha\beta$ -A where α represents an interchangeable ANSI Z359.12 Certified top connector and β represents an interchangeable ANSI Z359.12 Certified lifeline 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: UKAS

☐ 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.

Report	Test Facility Used:	Test Facility Document #
1	SATRA	SPC0338934 2241 1

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

Feb 2, 2023

Date: MM/DD/YYYY

Owain Jones

Owain Jones (Jan 30, 2023 09:18 GMT)

Qualified Person: Owain Jones

Jan 30, 2023

Date: MM/DD/YYYY

Performance Details

Revision 0

Report	Standard and Product Requirements	Acceptance Criteria	Pass / Fail
1	3.1.1 Integral Connectors	Integral rings or similar openings intended to accept a snaphook or carabiner shall be designed to minimize the possibility of rollout of a mating snaphook or carabiner.	Pass
1	3.1.2 Locking Function	Self-retracting devices shall be automatic in their locking (fall stopping) function. It shall not be possible to override the self-locking feature of the device when in use.	Pass
1	3.1.3 Energy Absorption	The energy absorption function is available throughout the usable working range of the device.	Pass
1	3.1.4 Visual Indicator	Self-retracting devices shall include a visual indicator that will activate in accordance with the requirements of Section 3.1.9, Dynamic Performance.	Pass
1	3.1.5 Corrosion Protection	After 96 hour salt spray test, the line shall pay out, retract and lock; retraction tension shall be as specified in 3.5	Pass
1	3.1.6.1 Webbing and Synthetic Rope	Webbing shall be non-recycled synthetic material. Webbing shall have a minimum breaking strength of 4,500lbs (20kN)	Not Assessed
1	3.1.6.2 Wire Rope	Wire rope used as a constituent line shall be made of stainless steel or galvanized steel	Not Applicable
1	3.1.6.3 Terminations	Terminations of the constituent line shall be able to meet the requirements of 3.2.1	Pass
1	3.2.1 (4.2.1) Static Strength of SRDs	SRD shall withstand, without breaking, a static load of 3600lbs (16kN) for one minute	Pass
1	3.2.2 (4.2.2) Static Strength of SRL-P Connector	Connector shall withstand 3600lbs (15kN) for one minute OR the connector shall be certified to ANSI Z359.12	Pass
1	3.2.3 (4.2.3) Locking Strength	Devices not featuring a rotary brake shall withstand 1800lbs (8kN) without breaking	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 (4.3.1) 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 1350lbf or less, and the arrest distance shall not exceed 42in	Pass
1	3.3.1 (4.3.1) 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 1350lbf or less, and the arrest distance shall not exceed 42in	Pass
1	3.3.1 (4.3.1) 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 1350lbf or less, and the arrest distance shall not exceed 42in	Pass
1	3.3.2 Additional Dynamic Performance of SRL-Ps. SRL-Ps when tested in accordance with 4.3.2	Locking function shall operate. Visible Indicator shall activate. <1800 lbs max	Pass
1	3.5 (4.5) Retraction Tension test - after dynamic performance	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 3,600 pounds (16kN).	Pass
1	3.6.2 (4.6.2) SRL-P Dual Connection	If the maximum arrest force exceeds 1,800 pounds (8kN), the markings and instructions must include warnings in accordance with 5.1.9. and 5.2.10.	Markings and instructions will include warnings

Revision
0

Date
1/24/2023

Project Engineer
Nathan Wright

Qualified Person
Owain Jones