1000 Cranberry Woods Drive,
Cranberry Township, PA 16066

MSA Declaration of Conformity
In Accordance with ANSI/ASSP Z359.7-2019
IAC-20-031 - Z04 Rev 0

Statement of Conformity: MSA declares that the
V-TEC 3m Cable PFL
is in conformity with the requirements of
ANSI/ASSP Z359.14-2021 & ASTM B117

Product Code	**Model / Part Numbers Covered**
IAC-20-031	VTOHG-031-XX-A and VTOHG-032-XX-A Where XX = 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: A2LA

☐ 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	Keystone Compliance	2308-060N
2	Intertek	105618969CRT-001
3	Intertek	105618969CRT-002

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 — Date: 15/02/2024 MM/DD/YYYY

Mitchell Hetrich
Mitchell Hetrich (Feb 14, 2024 16:13 EST)
Qualified Person: Mitch Hetrich — Date: 14/02/2024 MM/DD/YYYY

Performance Details
Revision 0

Report	Standard and Product Requirements	Acceptance Criteria	Pass / Fail
1	ASTM B117, Salt Fog Conditioning: 3 Fall Protection Devices will be conditioned for 96 hours in salt fog solution.	Minimum corrosion and proper functioning before and after exposure	Pass
2	ANSI Z359.14, Section 3.2.1/4.2.1 - Static Strength - In ambient tepmerature, a minimum load of 3600 lbs will be applied and maintained for 1-minute to the point of SRL line connection to the SRL drum (across the device)	Withstand load	Pass
2	ANSI Z359.14, Section 3.3/4.3.1 - Dynamic Performance (Ambient) - Connect 310 lb weight and extract enough line for a 36-in free fall. Release test weight and measure arrest forces and arrest distance when still.	Max Arrest Force <1800lbf (8kN) Average Arrest Force <1350lbf (6kN) Arrest <42 inches	Pass
2	ANSI Z359.14, Section 3.1.9/4.3.7 - Dynamic Performance (Hot) - Condition for minimum of 2 hours; test within 90 sec of removing from condition. Connect 310 lb weight and extract enough line for a 36-in free fall. Release test weight and measure arrest forces and arrest distance when still.	Max Arrest Force <1800lbf (8kN) Average Arrest Force <1575lbf (7kN) Arrest <42 inches	Pass
2	ANSI Z359.14, Section 3.1.9/4.3.8 - Dynamic Performance (Cold) - Condition for minimum of 2 hours; test within 90 sec of removing from condition. Connect 310 lb weight and extract enough line for a 36-in free fall. Release test weight and measure arrest forces and arrest distance when still.	Max Arrest Force <1800lbf (8kN) Average Arrest Force <1575lbf (7kN) Arrest <42 inches	Pass
2	ANSI Z359.14, Section 3.1.9/4.3.1.9 - Dynamic Performance (Wet) - Condition for minimum of 2 hours; test within 90 sec of removing from condition. Connect 310 lb weight and extract enough line for a 36-in free fall. Release test weight and measure arrest distance when still.	Max Arrest Force <1800lbf (8kN) Average Arrest Force <1575lbf (7kN) Arrest <42 inches	Pass
2	ANSI Z359.14, Section 3.3.2/4.3.2 - Dynamic Performance (SRL-P) - Connect 310 lb weight. Elevate test weight 72" above initial height. Release test weigh and measure arrest force.	Visual indicator deployed Max Arrest Force <1800 lbs Lock function shall operate	Pass
2	ANSI Z359.14, Section 3.2.3/4.2.3 - Locking Strength - With no less than 75% of retractable length of the device retracted. Install the device in the tensile test equipment and apply 1800 lb load. Time to reach the load shall take no less than one minute.	Withstand 1800 lbs static load for at least 1 minute	Pass

2	ANSI Z359.14, Section 3.5/4.5 - Retraction Tension - Suspend the SRL, extract 1 foot of line. Connect force gauge to clamp on the line. Allow the retraction tension force to be measured by the gauge.	Retraction force shall be between 1.25 lbs (5.55N) and 25 lbs (111.1N)	Pass
3	ANSI Z359.14, Section 3.6.1/4.6.1 - Static Strength For Dual SRL-P's - Apply and maintain load of 3600lbs for not less than 1 minute.	Withstand 3600 lbs load	Pass
3	ANSI Z359.14, Section 3.6.2/4.6.2 - SRL-P Dual Connection - Attach both legs end of the dual SRL-P to the load cell & harness connection to test weight. Raise 24 inches.Release test weight. Record max arrest force.	Max Arrest Force <1800 lbs	Pass

Revision	Date	Project Engineer	Qualified Person
0	1/19/2024	J Squire	M Hetrich

V-TEC 3m Cable PFL ANSI - Z04

Final Audit Report 2024-02-15

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"V-TEC 3m Cable PFL ANSI - Z04" History

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