



The Safety Company

1000 Cranberry Woods Drive,
Cranberry Township, PA 16066

MSA Declaration of Conformity

In Accordance with ANSI/ASSP Z359.7-2019
IAC-20-019 - Z04 Rev 2

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

Table with 2 columns: Product Code, Model / Part Numbers Covered. Row 1: IAC-20-019, VTLEG-021-XX-A and VTLEG-022-XX-A where XX represents ANSI Compliant Top and Bottom Connectors

ANSI/ISEA 125-2014 conformity assessment method: [] Level 1 [X] 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:

[X] 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

Table with 3 columns: Report, Test Facility Used, Test Facility Document #. Rows 1-3 with data: 1, FPLab, 2022012520220218 2.4mPFL; 2, SATRA, SPC0318332/2133/11; 3, FPLab, FPLAB-123-02

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 07:52 EDT)

05/16/2024

QA Rep: Jacob Hays

Date: MM/DD/YYYY

Mitchell Hetrich
Mitchell Hetrich (May 16, 2024 14:04 EDT)

05/16/2024

Qualified Person: Mitch Hetrich

Date: MM/DD/YYYY

Performance Details

Revision 2

Report	Standard and Product Requirements	Acceptance Criteria	Pass / Fail
1, 3	Perpendicular Leading Edge Dynamic Performance of SRL-Ps - Ambient Conditioning	Maximum Arrest Force <1800lbs (8kN). Average Arrest Force <1350lbs (6kN).	Pass
1, 3	Perpendicular Leading Edge Dynamic Performance of SRL-Ps - Hot Conditioning	Maximum Arrest Force <1800lbs (8kN). Average Arrest Force <1575lbs (7kN).	Pass
1, 3	Perpendicular Leading Edge Dynamic Performance of SRL-Ps - Cold Conditioning	Maximum Arrest Force <1800lbs (8kN). Average Arrest Force <1575lbs (7kN).	Pass
1, 3	Perpendicular Leading Edge Dynamic Performance of SRL-Ps - Wet Conditioning	Maximum Arrest Force <1800lbs (8kN). Average Arrest Force <1575lbs (7kN).	Pass
1, 3	Offset Leading Edge Dynamic Performance of SRL-Ps - Ambient Conditioning	Maximum Arrest Force <1800lbs (8kN). Average Arrest Force <1350lbs (6kN).	Pass
1, 3	Offset Leading Edge Dynamic Performance of SRL-Ps - Hot Conditioning	Maximum Arrest Force <1800lbs (8kN). Average Arrest Force <1575lbs (7kN).	Pass
1, 3	Offset Leading Edge Dynamic Performance of SRL-Ps - Cold Conditioning	Maximum Arrest Force <1800lbs (8kN). Average Arrest Force <1575lbs (7kN).	Pass
1, 3	Offset Leading Edge Dynamic Performance of SRL-Ps - Wet Conditioning	Maximum Arrest Force <1800lbs (8kN). Average Arrest Force <1575lbs (7kN).	Pass
2	3.1.1 Integral Connectors	Connectors shall meet ANSI Z359.12 Minimize possibility of rollout	Pass
2	3.1.2 Locking Function	SRL shall automatically lock Lock cannot be overridden Design shall minimize impact from casual interference	Pass
2	3.1.3 Energy Absorption	Energy absorption functions throughout usable working range	Pass
2	3.1.4 Visual Indicator	Visual Indicator activates per Section 3.3	Pass
2	3.1.5 Corrosion Protection (Clause 7.4)	Protected from corrosion to allow device to operate as intended. Line shall pay out, retract, and lock	Pass
2	3.1.6.2 Wire Rope	Wire rope shall be constructed of stainless steel or galvanized steel	Pass
2	3.1.6.3 Terminations	Terminations shall meet 3.2.1	Pass
2	3.1.7 Class 2 Energy Absorber	Energy absorber shall meet ANSI Z359.13 or pass all class 2 requirements with the energy absorber installed	Not Assessed
2, 3	3.2.1 Static Strength of SRDs (Clause 4.2.1)	Static load of 3600lbs (16kN)	Pass
2	3.2.2 Static Strength of Self-retracting Lanyard, Personal Connector (Clause 4.2.2)	Static load of 3600lbs (16kN) OR connector is qualified to ANSI Z359.12.	Pass
2, 3	3.2.3 Locking Strength (Clause 4.2.3)	Withstand static load of 1800lbs (8kN)	Pass

2, 3	3.3.1 Dynamic Performance of SRDs - Class 1 (Clause 4.3.1)	Arrest forces shall be less than the values specified in Section 3.3 for each condition. After dynamic test, locking function shall operate, line shall pay out and retract, and visual indicator shall activate.	Pass
2, 3	3.3.2 Additional Dynamic Performance of SRL-Ps - Class 1 (Clause 4.3.2)	Arrest forces shall be less than 1800lbs (8kN). After dynamic test, locking function shall operate, line shall pay out and retract, and visual indicator shall activate.	Pass
2, 3	3.5 Retraction Tension (Clause 4.5.1 & 4.5.2)	Retraction tension shall be between 1.25lbs (5.55N) and 25lbs (111.1N)	Pass
2	3.6.1 Static Test, for Dual SRL-Ps (Clause 4.6.1)	Class 1 & 2 devices shall withstand, without breaking, a static load of 3600lbs (16kN)	Pass
2, 3	3.6.2 SRL-P Dual Connection (Clause 4.6.2)	If maximum arrest force exceeds 1800lbs (8kN), markings and instructions must include warnings in accordance with 5.1.9 and 5.2.10.	Pass
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Revision
0
1
2

Date
9/27/2022
11/7/2022
5/1/2024

Project Engineer
Nathan Wright
Nathan Wright
Mitch Hetrich

Qualified Person
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Owain Jones
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