



The Safety Company

1000 Cranberry Woods Drive,
Cranberry Township, PA 16066

MSA Declaration of Conformity

In Accordance with ANSI/ASSP Z359.7-2019
IAC-23-073 - Z04 Rev 2

Statement of Conformity: MSA declares that the
V-Series EA Cable Lanyards
is in conformity with the requirements of

ANSI Z359.13-2013 (R2022) Personal Energy Absorbers and Energy Absorbing Lanyards

Table with 2 columns: Product Code, Model / Part Numbers Covered. Row 1: IAC-23-073, 6 ft. Free Fall, CB/ST/1/F/NT - ANSI, CB/ST/2/F/NT - ANSI. Row 2: 12 ft. Free Fall, CB/12/1/F/NT -ANSI, CB/12/2/F/NT -ANSI.

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:

[X] The test facility is an independent 3rd Party ISO 17025-accredited facility
ISO Accrediting Agency: A2LA

[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 1-5 listing various testing services and facilities like Intertek and FPLAB.

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

03/13/24

QA Rep: Brooke Conroy

Date: MM/DD/YYYY

Loryn A. Bertoti

03/07/24

Loryn A. Bertoti (Mar 7, 2024 14:33 EST)

Qualified Person: Loryn Bertoti

Date: MM/DD/YYYY

Performance Details

Revision 2

Report	Standard and Product Requirements	Acceptance Criteria	Pass / Fail
1	4.2 (3.1.6) Activation Force - Subject unit to static force of at least 450 lbs for a minimum of 1 minute	Shall not activate or exhibit permanent elongation >2 in	Pass
1	4.5 (3.2.4) Dynamic Performance Ambient Dry - Drop 282 lb (128kg) test mass with 6 feet of free fall	AAF < 900 lbf (4kN) Deployment < 48 in (1.2m) MAF < 1800 lbf (8kN)	Pass
1	4.5 (3.2.4) Dynamic Performance Ambient Wet - Drop 282 lb (128kg) test mass with 6 feet of free fall	AAF < 900 lbf (4kN) Deployment < 48 in (1.2m) MAF < 1800 lbf (8kN)	Pass
1	4.5 (3.2.4) Dynamic Performance Cold Dry - Drop 282 lb (128kg) test mass with 6 feet of free fall	AAF < 900 lbf (4kN) Deployment < 48 in (1.2m) MAF < 1800 lbf (8kN)	Pass
1	4.5 (3.2.4) Dynamic Performance Cold Dry - Drop 282 lb (128kg) test mass with 6 feet of free fall	AAF < 900 lbf (4kN) Deployment < 48 in (1.2m) MAF < 1800 lbf (8kN)	Pass
1	4.6 (3.2.6) Static Strength of Lanyards - Subject lanyard to 5000 lbs (22.2kN) for 1 minute.	Minimum breaking strength of 5000 lbf (22.2kN)	Pass
2	4.7 (3.2.9) Static Strength of Y-Lanyards - Subject the lanyard to a static force of 5000 lbs (22.2kN) for 1 minute in each of the 3 configurations	Minimum breaking strength of 5000 lbf (22.2kN)	Pass
2	4.9 (3.2.10) Dynamic Performance of Y-Lanyards, Dual Connection - Connect both ends of EA lanyard to load cell. Drop 282 lb (128kg) test mass with 6 feet of free fall	MAF < 1800 lbf (8kN)	Pass
2	4.10 (3.2.10) Dynamic Performance of Y-Lanyards, Hip Test - Drop 282 lb (128kg) test mass with 6 feet of free fall	If nylon keeper breaks, warning per 5.2.2 is required	Pass
3	4.5 (3.2.4) Dynamic Performance Ambient Dry - Drop 282 lb (128kg) test mass with 12 feet of free fall	AAF < 1350 lbf (6kN) Deployment < 60 in (1.5m) MAF < 1800 lbf (8kN)	Pass
3	4.5 (3.2.4) Dynamic Performance Ambient Wet - Drop 282 lb (128kg) test mass with 12 feet of free fall	AAF < 1350 lbf (6kN) Deployment < 60 in (1.5m) MAF < 1800 lbf (8kN)	Pass
5	4.5 (3.2.4) Dynamic Performance Cold Dry - Drop 282 lb (128kg) test mass with 12 feet of free fall	AAF < 1350 lbf (6kN) Deployment < 60 in (1.5m) MAF < 1800 lbf (8kN)	Pass
5	4.5 (3.2.4) Dynamic Performance Hot Dry - Drop 282 lb (128kg) test mass with 12 feet of free fall	AAF < 1350 lbf (6kN) Deployment < 60 in (1.5m) MAF < 1800 lbf (8kN)	Pass
3	4.2 (3.1.6) Activation Force - Subject unit to static force of at least 450 lbs for a minimum of 1 minute	Shall not activate or exhibit permanent elongation >2 in	Pass
3	4.6 (3.2.6) Static Strength of Lanyards - Subject lanyard to 5000 lbs (22.2kN) for 1 minute.	Minimum breaking strength of 5000 lbf (22.2kN)	Pass

4	4.7 (3.2.9) Static Strength of Y-Lanyards - Subject the lanyard to a static force of 5000 lbs (22.2kN) for 1 minute in each of the 3 configurations	Minimum breaking strength of 5000 lbf (22.2kN)	Pass
5	4.9 (3.2.10) Dynamic Performance of Y-Lanyards, Dual Connection - Connect both ends of EA lanyard to load cell. Drop 282 lb (128kg) test mass with 6 feet of free fall	MAF < 1800 lbf (8kN)	Pass

Revision	Date	Project Engineer	Qualified Person
0	8/1/2019	Loryn Bertoti	RGM
1	2/14/2020	Loryn Bertoti	Paul Worst
2	3/6/2024	Loryn Bertoti	Loryn Bertoti