



The Safety Company

1000 Cranberry Woods Drive,
Cranberry Township, PA 16066

MSA Declaration of Conformity

In Accordance with ANSI/ASSP Z359.7-2019
IAC-23-060 - Z04 Rev 1

Statement of Conformity: MSA declares that the
Latchways Personal Rescue Device (PRD)
is in conformity with the requirements of
ANSI Z359.4 – 2013, ASTM F887 - 2013

Table with 2 columns: Product Code, Model / Part Numbers Covered. Contains details for IAC-23-060 and associated model numbers.

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. Includes a table for Report, Test Facility Used, and Test Facility Document #.

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

Mar 13, 2023

QA Rep: Brooke Conroy

Date: MM/DD/YYYY

Owain Jones

Owain Jones (Feb 21, 2023 15:33 GMT)

Feb 21, 2023

Qualified Person: Owain Jones

Date: MM/DD/YYYY

Performance Details

Revision 1

Report	Standard and Product Requirements	Acceptance Criteria	Pass / Fail
1	ANSI Z359.4 - 2013 Section 3.2.7.6.2 Design	Manually operated descent devices shall stop descent if operator control is released (handsfree), or if excessive application of the control device is applied (panic grasp).	PASS
1	ANSI Z359.4 - 2013 Section 3.2.7.6.1.1 Tensile Strength of Rope	Rope used as a line constituent of a descent device shall be made of virgin synthetic materials having strength, aging, abrasion resistance and heat resistance characteristics equivalent or superior to polyamides. When statically tested in accordance with reference 8.9.2, synthetic rope shall have a minimum breaking strength of 3,000 pounds (13.3kN).	PASS
1	ANSI Z359.4 - 2013 Section 3.2.7.1 & 3.2.7.2 Decent Energy	For manually operated descent control devices when tested in accordance with 4.3.5.1, the descent speed shall not exceed 6.6 feet/second (2m/s).	PASS
1	ANSI Z359.4 - 2013 Section 3.2.7.4 Dynamic Strength Test	When tested in accordance with 4.3.5.3, the descent device, if designed to stop the weight if control is lost, shall stop and not release the test weight. The descent device including the descent line shall remain fully functional. When tested in accordance with 4.3.5.3, the descent device, if designed to continue lowering the load at a controlled rate if control is lost, shall remain functional and the descent speed shall not exceed 6.6 feet/second (2m/s).	PASS

1	ANSI Z359.4 - 2013 Section 3.2.7.5 Function	When tested in accordance with 4.3.5.4, the descent device shall function as intended and the descent speed shall meet the requirements of 3.2.7.2. In the case of manually operated devices, the descent device shall stop and hold the load if the control device is released (hands free) or if excessive application of the control device is applied (panic grasp). When tested in accordance with 4.3.5.4 in the two stop modes (hands free, panic grasp), the amount of line movement through the descent device or movement of the descent device on the line as applicable shall not exceed 6 inches (152mm). This test series shall be repeated following the wet conditioning defined in 4.3.5.4.	PASS
1	ANSI Z359.4 - 2013 Section 3.2.7.3 Static Strength Test	When tested in accordance 4.3.5.2, the descent device including the descent line as normally installed and terminated, shall be capable of sustaining a static load of 2,700 pounds (12kN) for at least one minute without release of the load.	PASS
1	ANSI Z359.4 - 2013 Section 3.3 Corrosion Resistance	Corrosion protection shall be afforded to all elements (parts) of hoist, rope block tackle and control descent devices. Protection shall, at a minimum, allow these devices to operate and show no signs of corrosion, which, if left unchecked, could result in corrosion-related failure of the device, after being salt spray (fog) tested for 96 hours in accordance with the method described in reference 8.2.1.	PASS
2, 3, 4	ASTM F887-13 Section 22.8 Electric Arc Performance	22.8 To meet these specifications, exposed test specimens shall pass the following criteria in addition to the other test criteria in the standard: 22.8.1 No electric arc ignition as defined by Specification F1891. 22.8.2 No melting and dripping as defined by Specification F1891. 22.8.3 Pass specified drop test after electric arc exposure defined above. 22.8.4 No greater than 5 s of afterflame as defined by Specification F1891.	PASS

Revision
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Date
5/18/2016
2/17/2023

Project Engineer
Benjamin Sepe
Nathan Wright

Qualified Person
N/A
Owain Jones