1000 Cranberry Woods Drive,
Cranberry Township, PA 16066

MSA Declaration of Conformity
In Accordance with ANSI/ISEA 125-2014
IACC-23-005 - Z04 Rev 0

Statement of Conformity: MSA declares that the
WORKMAN RESCUER
is in conformity with the requirements of
Safety Requirements for Self-Retracting Devices for Personal Fall Arrest and Rescue System ANSI/ASSE Z359.14-2012

Product Code	**Model / Part Numbers Covered**
IACC-23-005	10158178

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

☐ 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

Report	Test Facility Used:	Test Facility Document #
1	Inspec	2.15.02.02

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).

Quality Assurance: Kris Bai

Date: 2015/4/6

Performance Details

Revision 0

Report	Standard and Product Requirements	Results	Pass / Fail
1	3.1 General Requirements	Workman Rescuer meets these requirements.	Pass
1	3.1.1 Integral Connectors. Snaphooks or carabiners which are integral to self-retracting devices shall meet the requirements of ANSI/ASSE Z359.12. 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.	Workman Rescuer meets these requirements.	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. The design of working parts, their location and the protection afforded to them shall be such as to prevent the possibility of performance being impaired by casual interference.	Workman Rescuer meets these requirements.	Pass
1	3.1.3 Energy Absorption. Self-retracting devices which perform an energy absorption function shall be designed such that the energy absorption function is available throughout the usable working range of the device. The working range or length is defined as the amount of travel allowed by the device starting from full retraction to full extension under normal working tension.	Workman Rescuer meets these requirements.	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.	Workman Rescuer meets these requirements.	Pass

1	3.1.5 Corrosion Protection. Corrosion protection shall be afforded to all elements (parts) of self-retracting devices. Protection shall, at a minimum, allow the device to operate as intended 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 the reference in Section 7.4. After the salt spray test, the line shall pay out, retract and lock; retraction tension shall be as specified in 3.1.6.	Workman Rescuer meets these requirements.	Pass
1	3.1.6 Retraction Tension. Retraction tension of the self-retracting device line, in addition to that required to retract the weight of the line constituent, shall not be less than 1.25 pounds (5.55N) or more than 25 pounds (111.1N) at any point in the range of motion provided by the line constituent when tested in accordance with 4.2.6. Additionally, SRL-LE's shall retract without stopping when tested in a horizontal orientation in accordance with 4.2.7. For SRL's and SRL-R's, no more than 24 inches (610mm) of the line constituent may remain extended when the device is fully retracted, see figure 8. For SRL-LE's, no more than 60 inches (1.5m) of the line constituent may remain extended when the device is fully retracted.	Workman Rescuer meets these requirements.	Pass
1	3.1.7 Static Strength. When tested in accordance with 4.2.5, the self-retracting device shall withstand a tensile load of 3,000 pounds (13.3kN) statically applied.	Workman Rescuer meets these requirements.	Pass
1	3.1.8 Dynamic Strength. When tested in accordance with 4.2.3 for self-retracting devices, and additionally with 4.2.4 for SRL-LE's, the device shall lock and remain locked until released. The test weight shall not strike the ground. The line constituent need not retract after performance of the dynamic strength test. For SRL's and SRL-R's, the line shall retain a minimum of 1,000 pounds (4.4kN) of residual tensile strength after the dynamic test when tested in accordance with 4.2.3. Note: Some SRD's are designed to attach the housing end of the device to the body support, rather than the lanyard end. For these devices each connection orientation allowed by the manufacturer shall be tested.	Workman Rescuer meets these requirements.	Pass

1	3.1.9 Dynamic Performance. When tested in accordance with 4.2.1 for self-retracting devices; the arrest distance shall not exceed 24 inches (610mm) and the average arresting force shall not exceed 1,350 pounds (6kN) or a maximum peak of 1,800 pounds (8kN) for Class A devices. The arrest distance shall not exceed 54 inches (1,372mm) and the average arresting force shall not exceed 900 pounds (4kN) or a maximum peak of 1,800 pounds (8kN) for Class B devices. The visual indicator shall activate when dynamic performance is tested, and provide clear evidence that the device has been impact loaded. Additionally, the dynamic performance requirements shall be met after conditioning in accordance with the procedures given in 4.2.8. The average arresting force shall not exceed 1,575 pounds (7kN) or a maximum peak of 1,800 pounds (8kN) for Class A devices and 1,125 pounds (5kN) or a maximum peak of 1,800 pounds (8kN) for Class B devices. One test is required for each conditioning procedure. A new device may be used for each conditioning procedure.	Workman Rescuer meets these requirements.	Pass
1	3.2 Specific Requirements for Self-Retracting Lanyards with Integral Rescue Capability.	Workman Rescuer meets these requirements.	Pass
1	3.2.1 Operation. It shall be possible to engage the SRL-R into its rescue mode of operation at any time, subject to manufacturer's instructions. It shall not be possible to inadvertently change to or from rescue mode. The SRL-R shall be capable of raising or lowering the load to affect rescue. The minimum mechanical advantage offered by the SRL-R in rescue mode shall be 3:1, neglecting frictional losses. When in rescue mode, the SRL-R device shall automatically stop and hold the load if the rescuer intentionally or unintentionally relinquishes control. The SRL-R shall have a means to stabilize the device during use in rescue mode.	Workman Rescuer meets these requirements.	Pass

1	3.2.2 Powered Operation. SRL-R devices that incorporate a powered operation feature shall meet the requirements of Section 3.2 and when tested in accordance with 4.3.2 shall not be capable of lifting a weight equal to or greater than 250% of maximum capacity. The manufacturer shall indicate by markings the maximum powered input speed (rpm) allowed such that the lifting or lowering speed does not exceed 2 ft/s (.6m/s). A manual back-up means of operation shall be provided.	N/A (Manual operation)	N/A
1	3.2.3 Static Strength. When tested in accordance with 4.3.3 the SRL-R shall support for a period of at least one minute without failure, a load equal to 3,000 pounds (13.3kN).	Workman Rescuer meets these requirements.	Pass
1	3.2.4 Rescue, Post Fall Arrest. When tested in accordance with 4.3.4 the SRL-R in rescue mode shall raise, lower, and hold the load as intended after the device has arrested the test weight. When operating control is released, the load shall stop within 4 inches (102mm) of travel. Additionally, the requirements of this section shall be met after conditioning in accordance with the procedures given in 4.2.8. One test is required for each conditioning procedure. A new SRL-R may be used for each conditioning.	Workman Rescuer meets these requirements.	Pass
1	3.2.5 Function. Testing in this section shall be performed following the salt spray exposure specified in Section 3.1.5. When tested in accordance with 4.3.1 the SRL-R in rescue mode shall raise, lower, and hold the load as intended while the device is carrying 125% of the maximum capacity. When operating control is released, the load shall stop within 4 inches (102mm) of travel. Immediately following the test with the load of 125% of maximum capacity, this test is to be repeated using the same test specimen with a load of 75% of the minimum capacity.	Workman Rescuer meets these requirements.	Pass
1	3.3 Line Constituent of Self-Retracting Devices	Workman Rescuer meets these requirements.	Pass
1	3.3.1 Synthetic Rope.	N/A (Line constituent is wire rope)	N/A
1	3.3.2 Webbing.	N/A (Line constituent is wire rope)	N/A

1	3.3.3 Wire Rope. Wire rope used as a line constituent of a self-retracting device shall be constructed of stainless steel or galvanized steel strand having a minimum breaking strength of 3,400 pounds (15kN) when tested in accordance with reference 7.5 and minimum nominal diameter of 0.1875 inches (4.8mm).	Workman Rescuer meets these requirements.	Pass
1	3.3.4 Terminations of the line constituent shall be designed so as to meet the requirements of 3.1.7 and 3.2.3.	Workman Rescuer meets these requirements.	Pass
1	3.3.5 SRL-LE Energy Absorber.	N/A	N/A
1	3.4 Subsystem Requirements.	N/A	N/A
1	3.5 Hybrid Self-Retracting Devices.	N/A	N/A