



The Safety Company

Mine Safety Appliances Company · John T. Ryan Memorial Lab
1100 Cranberry Woods Drive, Cranberry Township, PA 16066

MSA Engineering Self Certification of Standard Compliance
IAC 032-Z04

Statement of Compliance: This Rope Grab Fall Arrester meets the requirements of ANSI/ASSE Z359.1-2007, Safety Requirements for Personal Fall Arrest Systems, Subsystems and Components.

| | |
|--|---|
| Tested part number(s) or IAC No.: | "Sold as" part number(s)/Market: |
| IAC 032 | SEE ATTACHED COMPLIANCE REPORT |

Test Facility & Document #: Intertek - G100628266CRT-005

PERFORMANCE DETAILS

(May format as needed)

| List standard and referenced sections as applicable | Results | Pass / Fail |
|--|----------------|--------------------|
| SEE ATTACHED COMPLIANCE REPORT | | |

For additional information about this product(s), please contact MSA Customer Service at 1-800-MSA-2222 (for industrial products) or Safety Works Customer Service at 1-800-969-7562 (for retail products). When requesting information, please reference "sold as" part number(s).

Quality Assurance: James Wonderling
JAMES WONDERLING

Date: Sept 14, 2012



ANSI Z359.7 3rd Party Testing Compliance Report
Revision 0

IAC 032 - ROPE GRAB FALL ARRESTERS

| "Sold As" Part numbers | 415940, 415941 | |
|---|---------------------------------------|-------------|
| ANSI Z359.1-2007 Requirement | Results | Pass/Fail |
| 3.2.6 Fall Arrester Component | | |
| <p>3.2.6.1 For the purpose of this standard, fall arresters are classified as follows: Type 1: Fall arresters to be used on a vertical lifeline. Type 2: Fall arresters to be used on a horizontal lifeline. Type 3: Fall arresters to be used on a lifeline of any orientation.</p> | N/A | N/A |
| <p>3.2.6.2 Connectors used with fall arresters (whether integral, separate components, or elements of separate components) shall meet the requirements of 3.2.1. Integral rings or similar openings designed to accept connectors shall be designed to minimize potential rollout of a mating connector.</p> | MSA Rope Grabs meet this requirement. | Pass |
| <p>3.2.6.3 Fall arresters shall be automatic in their locking (fall stopping) function. The possibility of overriding the self-locking feature of the fall arrester shall be guarded against. Fall arresters, which are designed to work on vertical lifelines and which rely solely on the lever principle for locking, shall be designed such that locking will become effective before the lever becomes perpendicular to the lifeline. Systems incorporating knot type fall arresters are excluded from this standard.</p> | MSA Rope Grabs meet this requirement. | Pass |
| <p>3.2.6.4 Type 1 fall arresters that are not bidirectional (could arrest a fall or lock in both directions of travel) and which could be installed upside down on the lifeline shall be clearly marked showing proper orientation of use.</p> | MSA Rope Grabs meet this requirement. | Pass |
| <p>3.2.6.5 Type 1 fall arresters shall be incapable of creeping down the lifeline during work operations at a given elevation.</p> | MSA Rope Grabs meet this requirement. | Pass |
| <p>3.2.6.6 Corrosion protection shall be afforded to all elements (parts) of the fall arrester to a degree deemed necessary by a qualified person(s) directly responsible for the design of the device. Protection shall at a minimum allow the device to operate as intended and show now signs of corrosion, which if left unchecked could result in corrosion-related failure of the device after being salt spray (fog) tested for 48 hours in accordance with the method described in reference 8.4.1. Working parts critical to the operation of the device shall be fully exposed during salt spray evin if disassembly of the device is required to do so.</p> | MSA Rope Grabs meet this requirement. | Pass |
| <p>3.2.6.4 Fall arresters shall have an ultimate strength of not less than 3,600 pounds (16kN).</p> | MSA Rope Grabs meet this requirement. | Pass |