



The Safety Company

1000 Cranberry Woods Drive,
Cranberry Township, PA 16066

MSA Declaration of Conformity

In Accordance with ANSI/ASSP Z359.7-2021
IAC-23-059 - Z04 Rev 1

Statement of Conformity: MSA declares that the
Rope Grab & Vertical Lifeline Systems
is in conformity with the requirements of
ANSI/ASSP Z359.15-2014

Product Code	Model / Part Numbers Covered
IAC-23-059	Rope Grab: 415940 Vertical Lifeline: 415865, 415869, 415870, 415871, 415872, 415873, 10092662, 10092664 and 10092665

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
ISO Accrediting Agency: A2LA Cert. No. 1249.02

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.

<u>Report</u>	<u>Test Facility Used:</u>	<u>Test Facility Document #</u>
1	Intertek	105105274CRT-001
2	Intertek	105105274CRT-002

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
Brooke Conroy (Jul 6, 2022 15:16 EDT)

QA Rep: Brooke Conroy

April Winwood
April Winwood (Jul 5, 2022 13:48 EDT)

Qualified Person: April Winwood

Jul 6, 2022

Date: MM/DD/YYYY

Jul 5, 2022

Date: MM/DD/YYYY

Performance Details

Revision 1

Report	Standard and Product Requirements	Acceptance Criteria	Pass / Fail
4.2.1	Function Test: The fall arrester shall travel up and down the lifeline without assistance.	N/A	Pass
4.2.2	Dynamic Performance Test: The fall arrester shall lock on the lifeline and remain locked, holding the test weight for 1 minute, until released. The fall arrester does not need to function at the conclusion of the test. The total fall distance shall not be greater than 11 feet. The average arrest force shall not exceed 900 lbs in ambient conditions and 1,125 lbs in hot / cold / wet conditions according to section 4.2.5. The maximum arrest force shall not exceed 1,800 lbs.	Avg. Arrest Force < 900 lbs Max Arrest Force < 1,800 lbs Free Fall Distance < 11 ft	Pass
4.2.4	Dynamic Performance - Manual Override Test: Fall Arresters locking mechanism(s) shall be designed to engage if the connecting arm, lever, connector, or link is being held open. The fall arrester shall arrest the fall and hold the load for a minimum of 1 minute without moving further down the lifeline. The total fall distance shall not be greater than 11 feet. The average arrest force shall not exceed 900 lbs. The maximum arrest force shall not exceed 1,800 lbs.	Avg. Arrest Force < 900 lbs Max Arrest Force < 1,800 lbs Free Fall Distance < 11 ft	Pass
4.2.5.1	Dynamic Performance (Hot): The fall arrester shall lock on the lifeline and remain locked, holding the test weight for 1 minute, until released. The fall arrester does not need to function at the conclusion of the test. The total fall distance shall not be greater than 11 feet. The average arrest force shall not exceed 900 lbs in ambient conditions and 1125 lbs in hot / cold / wet conditions according to section 4.2.5. The maximum arrest force shall not exceed 1,800 lbs.	Avg. Arrest Force < 1,125 lbs Max Arrest Force < 1,800 lbs Free Fall Distance < 11 ft	Pass

4.2.5.2	Dynamic Performance (Cold): The fall arrester shall lock on the lifeline and remain locked, holding the test weight for 1 minute, until released. The fall arrester does not need to function at the conclusion of the test. The total fall distance shall not be greater than 11 feet. The average arrest force shall not exceed 900 lbs in ambient conditions and 1,125 lbs in hot / cold / wet conditions according to section 4.2.5. The maximum arrest force shall not exceed 1,800 lbs.	Avg. Arrest Force < 1,125 lbs Max Arrest Force < 1,800 lbs Free Fall Distance < 11 ft	Pass
4.2.5.3	Dynamic Performance (Wet): The fall arrester shall lock on the lifeline and remain locked, holding the test weight for 1 minute, until released. The fall arrester does not need to function at the conclusion of the test. The total fall distance shall not be greater than 11 feet. The average arrest force shall not exceed 900 lbs in ambient conditions and 1,125 lbs in hot / cold / wet conditions according to section 4.2.5. The maximum arrest force shall not exceed 1,800 lbs.	Avg. Arrest Force < 1,125 lbs Max Arrest Force < 1,800 lbs Free Fall Distance < 11 ft	Pass
4.3.2	Static Strength Test - Fall Arrester: Fall arrester shall sustain a load of 3,600 lbs, without failure, for a period no less than 1 minute. The fall arrester may deform, however it shall not release the load.	Breaking Strength > 3,600 lbs	Pass
4.3.1	Static Strength Test - Single Anchor Lifeline: A single anchor lifeline, supplied with a factory termination, shall have a breaking strength not less than 5,000 lbs.	Breaking Strength > 5,000 lbs	Pass
4.2.3	Residual Static Strength: Following the Dynamic Performance testing, the fall arrester shall not move down the lifeline more than 4 inches when a force no less than 660 lbs is applied. After 1 minute, increase the force to 1800 lbs where the single anchor lifeline, fall arrester, and connecting subsystem shall support a load of no less than 1,800 lbs.	Fall Arrester displacement < 4 inches	Pass

Revision
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1

Date
1/14/2016
6/29/2022

Project Engineer
Benjamin Sepe
RyKai Wright

Qualified Person
N/A
April Winwood