



The Safety Company

1000 Cranberry Woods Drive,
Cranberry Township, PA 16066

MSA Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014

IACC-23-006-02 - Z04 Rev 0

Statement of Conformity: MSA declares that the
Gravity Suspension Harness
is in conformity with the requirements of
Safety requirements for full body harnesses
ANSI/ASSE Z359.11-2014

Product Code	Model / Part Numbers Covered
IACC-23-006-02	10150450, 10150451, 10150452, 10150453, 10150454, 10150455, 10150456, 10150457, 10150458

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
1

Test Facility Used:
Inspec

Test Facility Document #
2.15.08.04/2.15.08.01/2.15.0

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).

Luis Bei

Quality Assurance:

2015-9-1

Date: 09/01/2015

Performance Details

Revision 0

Report	Standard and Product Requirements	Results	Pass / Fail
1	<p>3.2.1 Dorsal. 3.2.1.3 Dorsal Attachment Element Requirements. 3.2.1.3.1 Dynamic Feet First. When tested in accordance with 4.3.3 using the dorsal attachment element, the FBH shall meet the following criteria:</p> <p>a) FBH shall not release the test torso. b) FBH shall support the test torso for a period of 5 minutes post fall. c) FBH shall support the test torso, post fall at an angle not greater than 30° to vertical. d) At least one fall arrest indicator shall be deployed visibly and permanently. e) FBH stretch shall not exceed 18 inches (457mm), or that which is stated in the manufacturer's instructions, whichever is less.</p>	Gravity suspension harness meet these requirements.	Pass
1	<p>3.2.1 Dorsal. 3.2.1.3 Dorsal Attachment Element Requirements. 3.2.1.3.2 Dynamic Head First. When tested in accordance with 4.3.4 using the dorsal attachment element, the FBH shall meet the following criteria:</p> <p>a) FBH shall not release the test torso. b) FBH shall support the test torso for a period of 5 minutes post fall. c) FBH shall support the test torso, post fall at an angle not greater than 30° to vertical. d) At least one fall arrest indicator shall be deployed visibly and permanently.</p>	Gravity suspension harness meet these requirements.	Pass

1	<p>3.2.1 Dorsal. 3.2.1.3 Dorsal Attachment Element Requirements. 3.2.1.3.3 Static Feet First. When tested in accordance with 4.3.5 using the dorsal attachment element, the FBH shall meet the following criteria: a) FAH shall not release the test torso. b) Slippage through any adjuster shall not exceed 1 inch (25mm). c) The strap to which a buckle and eyelet adjuster is fitted shall not tear further than the eyelet adjacent to the one through which the tongue of the buckle originally passed or 1 inch if there is no adjacent eyelet. d) Except for the straps of the buckle and eyelet adjusters, straps shall not show any signs of tearing.</p>	Gravity suspension harness meet these requirements.	Pass
1	<p>3.2.1 Dorsal. 3.2.1.3 Dorsal Attachment Element Requirements. 3.2.1.3.4 Fall Arrest Indicator Test. When tested in accordance with 4.3.6 using the dorso attachment element, at least one fall arrest indicator shall deploy visibly and permanently.</p>	Gravity suspension harness meet these requirements.	Pass
1	<p>3.2.2 Sternal. 3.2.2.3 Sternal Attachment Element Requirements. 3.2.2.3.1 Dynamic Feet First. When tested in accordance with 4.3.3 using the sternal attachment element, the FBH shall meet the following criteria: a) FBH shall not release the test torso. b) FBH shall support the test torso for a period of 5 minutes post fall. c) The FBH shall support the test torso, post fall, at an angle not greater than 50° to vertical (see figure 8). d) If incorporated into the FBH per the requirements of 3.1.7.1, at least one sternal fall arrest indicator shall be deployed visibly and permanently. e) FBH stretch shall not exceed 18 inches (457mm), or that which is stated in the manufacturer's instructions, whichever is less.</p>	Gravity suspension harness meet these requirements.	Pass

1	<p>3.2.2 Sternal. 3.2.2.3 Sternal Attachment Element Requirements. 3.2.2.3.2 Static Feet First. When tested in accordance with 4.3.5 using the sternal attachment element, the FBH shall meet the following criteria: a) FBH shall not release the test torso. b) Slippage through any adjuster shall not exceed 1 inch (25mm). c) The strap to which a buckle and eyelet adjuster is fitted shall not tear further than the eyelet adjacent to the one through which the tongue of the buckle originally passed or 1 inch if there is no adjacent eyelet. d) Except for the straps of the buckle and eyelet adjusters, straps shall not show any signs of tearing.</p>	Gravity suspension harness meet these requirements.	Pass
1	<p>3.2.6 Hip. 3.2.6.1 Hip Attachment Element Performance Requirements. 3.2.6.1.1 Static Feet First. When tested in accordance with 4.3.5 using the hip attachment element, the FBH shall meet the following criteria: a) FBH shall not release the test torso. b) Slippage through any adjuster shall not exceed 1 inch (25mm). c) The strap to which a buckle and eyelet adjuster is fitted shall not tear further than the eyelet adjacent to the one through which the tongue of the buckle originally passed or 1 inch if there is no adjacent eyelet. d) Except for the straps of the buckle and eyelet adjusters, straps shall not show any signs of tearing.</p>	Gravity suspension harness meet these requirements.	Pass
1	<p>3.3.1 Load bearing straps. 3.3.1.2 When tested in accordance with reference 7.1.1, straps shall have a breaking strength not less than 5000 pounds (22.2KN). 3.3.1.5 After abrasion conditioning in accordance with reference 7.1.2, straps shall have a breaking strength of not less than 3600 pounds (16.0KN) when tested in accordance with reference 7.1.1.</p>	Gravity suspension harness meet these requirements.	Pass
1	<p>3.1.10 All FBHs shall include at least one lanyard packing attachment element having a disengagement load of not more than 120 pounds (0.5KN) when tested in accordance with 4.3.7. Testing of multiple lanyard parking attachment elements of the same design is not required.</p>	Gravity suspension harness meet these requirements.	Pass

Gravity Suspension Harness

MSA Self Certification Technical file

<u>DATE</u>	<u>REV LEVEL</u>	<u>REASON FOR REVISION</u>	<u>Engineer</u>
08/25/2015	0	Created Report	David Bao