



The Safety Company

1000 Cranberry Woods Drive,
Cranberry Township, PA 16066

MSA Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014

IAC-23-047 - Z04 Rev 2

Statement of Conformity: MSA declares that the
Gravity Utility Harness
is in conformity with the requirements of
ANSI Z359.1-2007/ASTM F887-2013
ANSI Z359.11- 2014

Table with 2 columns: Product Code, Model / Part Numbers Covered. Row 1: IAC-23-047, 10150163, 10150164, 10150165, 10150936, 10150937, 10150938, 10150939, 10150940, 10150951, 10150955, 10150956, 10150957, 10153334, 10153335, 10153336, 10162117, 10162118, 10162119

ANSI/ISEA 125-2014 conformity assessment method: [] Level 1 [X] Level 2
[X] 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 and sub-suppliers.
Table with 3 columns: Report, Test Facility Used, 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).

Quality Assurance: David Backfisch Date: 11/11/15

3rd Party Testing Compliance Report

Revision 2

Report	Standard and Product Requirements	Results	Pass / Fail
1	3 2 2 1 Materials and Construction Harness materials and construction shall be of a type that will result in a finished product capable of meeting all requirements of 3 2 2 and applicable tests set forth in Section 4	Gravity Utility Harness materials and construction comply with all requirements and applicable tests.	Pass
1	3 2 2 2 Straps Load-bearing straps shall be made from synthetic materials of continuous filament yarns made from light and heat resistant fibers having strength, aging, and abrasion resistance characteristics equivalent or superior to polyamides Load bearing straps shall have a minimum width of 1-5/8 inches (41mm) and strap ends shall be finished so as to prevent fraying When tested in accordance with reference 8.3.1, strap material shall develop a breaking strength of not less than 5,000 pounds (22 2kN)	Gravity Utility Harness load-bearing straps meet these requirements	Pass
1	3 2 2 3 Thread and Stitching Lock stitching shall be used on all sewn strap joints Thread shall be of virgin synthetic material having strength, aging, abrasion resistance, and heat resistance characteristics equivalent of superior to polyamides Thread shall be of the same type as the webbing and shall be of contrasting color to facilitate inspection	Threads used in Gravity Utility Harnesses meet these requirements	Pass
1	3 2 2 4 The harness shall provide support for the body across the lower chest, over the shoulders, and around the thighs when a tensile load is applied to the fall arrest attachment element The harness, when properly fitted and used, shall prevent fallout The fall arrest attachment shall be located at the back (dorsal) position	Gravity Utility Harness meets these requirements	Pass
1	3 2 2 5 When more than one attachment element exists on a harness, the purpose and limitations of each element shall be designated by the manufacturer.	User Instructions for MSA Harnesses contain purpose and limitations for attachment elements	Pass

1	3 2.2 5a Harnesses equipped with a front-mounted attachment element for fall arrest shall be used only as a part of a personal fall arrest system that limits the maximum free fall distance to two feet (0.6m) and limits the maximum arrest force to 900 pounds (4.0kN)	User Instructions for MSA Harnesses contain these limitations	Pass
1	3 2.2 6 The harness, when statically tested in accordance with 4 3 3 1, shall not release the test torso Slippage through any adjustable connection shall not exceed one inch (25mm) Buckle and eyelet type of construction shall not tear a distance greater than that to the adjacent eyelet	Gravity Utility Harness meets these requirements.	Pass
1	3 2.2 6a For harnesses equipped with a front-mounted attachment element for fall arrest, test statically in accordance with 4 3 3 1a The harness shall not release the test torso Slippage through any adjustable connector shall not exceed one inch (25mm) Buckle and eyelet type of construction shall not tear a distance greater than that to the adjacent eyelet	Gravity Utility Harness meets these requirements	Pass
1	3 2.2 7 The harness, when dynamically tested in accordance with 4 3 3 2, shall not release the test torso The test torso shall remain suspended for five minutes after drop testing No load-bearing element shall break or separate from the body support The angle at rest measured between the torso vertical center line and the vertical shall not exceed 30 degrees after the test torso comes to rest	Gravity Utility Harness meets these requirements	Pass
1	3 2.2 7a For harnesses equipped with a front-mounted attachment element for fall arrest, test dynamically in accordance with 4 3 3 2a The harness shall not release the test torso. The test torso shall remain suspended for five minutes after drop testing No load-bearing element shall break or separate from body support	Gravity Utility Harness meets these requirements	Pass
2/3	18 4 1 Harnesses manufactured under these specifications shall be labeled as meeting this standard and shall meet the specifications, tests and requirements of ANSI/ASSE Z359 1-2007 with the exception that the webbing used in the construction of the harness shall have a minimum breaking strength of 7000 lb (31.14 kN).	Gravity Utility Harness load-bearing straps meet these requirements	Pass
2/3	22 8 1 No electric arc ignition as defined by Specification F1891	Gravity Utility Harness meets these requirements	Pass
2/3	22 8 2 No melting and dripping as defined by Specification F1891	Gravity Utility Harness meets these requirements	Pass

2/3	22 8 3 Pass specified drop test after electric arc exposure defined above (22 7 The exposed test specimens shall be exposed to required drop test (reference ANSI/ASSE Z359 1 or ANSI/ASSE Z359 13 as applicable (See Note 3))), after the arc exposure as soon as is practical possible Note 3 Year code following the Z359 standard designation marked on product dictates the applicable standards specification, tests and requirements	Gravity Utility Harness meets these requirements	Pass
2/3	22 8 4 No greater than 5 s of afterflame as defined by Specification F1891	Gravity Utility Harness meets these requirements	Pass
4	3 2 1 3 1 Dorsal Dynamic Feet First	Gravity Utility Harness meets these requirements	Pass
4	3 2 1 3 2 Dorsal Dynamic Head First	Gravity Utility Harness meets these requirements	Pass
4	3 2 1 3 3 Dorsal Static Feet First	Gravity Utility Harness meets these requirements	Pass
4	3 2 1 3 4 Dorsal Fall Arrest Indicator	Gravity Utility Harness meets these requirements	Pass
4 5	3 2 2 3 1 Sternal Dynamic Feet First	Gravity Utility Harness meets these requirements	Pass
4 5	3 2 2 3 2 Sternal Static Feet First	Gravity Utility Harness meets these requirements	Pass
4	3.2 3 1 1 Frontal Dynamic Feet First	Gravity Utility Harness meets these requirements	Pass
4	3 2 3 1 2 Frontal Static Feet First	Gravity Utility Harness meets these requirements	Pass
4	3 2 4 1 1 Shoulder Static Feet First	Gravity Utility Harness meets these requirements	Pass
4	3 2 6 1 1 Hip Static Feet First	Gravity Utility Harness meets these requirements	Pass