



The Safety Company

1000 Cranberry Woods Drive,
Cranberry Township, PA 16066

MSA Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014

IAC-23-049 - Z04 Rev 1

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

Table with 2 columns: Product Code, Model / Part Numbers Covered. Product Code: IAC-23-049. Model / Part Numbers Covered: 10150143, 10150144, 10150145, 10150146, 10150147, 10150148, 10150149, 10150150, 10150151, 10150152, 10150153, 10150154, 10150155, 10150156, 10150157, 10150158, 10150159, 10150160, 10150161, 10150162, 10155823, 10155824, 10155825, 10155826, 10162697, 10162698, 10162699, 10162700, 10162701, 10162702, 10162703, 10162704, 10164009, 10164010, 10164021, 10164022, 10164023, 10164024, 10164025, 10164026, 10164027, 10164028, 10164029, 10164030, 10164031, 10164032, 10164033, 10164034

ANSI/ISEA 125-2014 conformity assessment method: [] Level 1 [X] Level 2

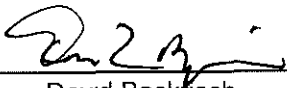
For Level 2, information about ISO 17025-accredited facility in which the product was tested:

- [X] 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

Table with 3 columns: Report, Test Facility Used, Test Facility Document #. Report: 1-11. Test Facility Used: Intertek, Intertek, Intertek, ArcWear, ArcWear, Intertek, Intertek, Intertek, ArcWear, ArcWear, ArcWear. Test Facility Document #: G101637743CRT-001A, G101604970CRT-001A, G101470714CRT-001, MSA 1403T04, MSA 1404T09, G102032948CRT-002, G102032948CRT-001, G102032948CRT-003, MSA 1502H01, MSA 1502H02, MSA 1502H03

<u>12</u>	<u>UL</u>	<u>4786898810</u>
<u>13</u>	<u>Inspe</u>	<u>2 15 18.14</u>
<u>14</u>	<u>Inspe</u>	<u>2 15 08.17</u>

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 10-2-15
 Date: 10/29/2015

Performance Details

Revision 1

Report	Standard and Product Requirements	Results	Pass / Fail
1, 2, 3	(ANSI Z359 1-2007) Section 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	Evotech Utility Harness materials and construction comply with all requirements and applicable tests.	Pass
1, 2, 3	(ANSI Z359 1-2007) Section 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)	Evotech Utility Harness load-bearing straps meet these requirements	Pass
1, 2, 3	(ANSI Z359 1-2007) Section 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 Evotech Utility Harnesses meet these requirements	Pass
1, 2, 3	(ANSI Z359.1-2007) Section 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	Evotech Utility Harness meets these requirements	Pass
1, 2, 3	(ANSI Z359 1-2007) Section 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, 2, 3	(ANSI Z359 1-2007) Section 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	Evotech Utility Harness meets these requirements	Pass
4, 8	(ANSI Z359.1-2007) Section 3 2 2 6a For harnesses equipped with a front-mounted attachment 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	Evotech Utility Harness meets these requirements	Pass
1, 2, 3	(ANSI Z359 1-2007) Section 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	Evotech Utility Harness meets these requirements	Pass
6, 7, 8	(ANSI Z359.1-2007) Section 3 2 2 7a For harnesses equipped with a front-mounted attachment 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 the body support	Evotech Utility Harness meets these requirements.	Pass
4, 5, 9, 10, 11	(ASTM F887-2013) Section 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).	Evotech Utility Harness load-bearing straps meet these requirements	Pass
4, 5, 9, 10, 11	(ASTM F887-2013) Section 22 8 1 No electric arc ignition as defined by Specification F1891	Evotech Utility Harness meets these requirements	Pass

4, 5, 9, 10, 11	(ASTM F887-2013) Section 22 8 2 No melting and dripping as defined by Specificaon F1891	Evotech Utility Harness meets these requirements	Pass
1, 2, 3, 4, 5, 9, 10, 11	(ASTM F887-2013) Section 22 8 3 Pass specified drop test after electric arc exposure defined above (22 7 The exposed test specifmens 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 practially possible. Note 3 Year code following the Z359 standard designation marked on product dictates the applicable standards specification, tests and requirements	Evotech Utility Harness meets these requirements	Pass
4, 5, 9, 10, 11	(ASTM F887-2013) Section 22 8 4 No greater than 5 s of afterflame as defined by Specification F1891	Evotech Utility Harness meets these requirements	Pass
13, 14	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 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	Evotech Arc Flash harness meet these requirements	Pass
13, 14	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 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 bedeployed visibly and permanently	Evotech Arc Flash harness meet these requirements	Pass

13, 14	<p>3 2 1 3 Dorsal Attachment Element Requirements</p> <p>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</p> <p>a)FAH shall not release the test torso</p> <p>b)Slippage through any adjuster shall not exceed 1 inch(25mm)</p> <p>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</p> <p>d)Except for the straps of the buckle and eyelet adjusters, straps shall not show any signs of tearing.</p>	Evotech Arc Flash harness meet these requirements.	Pass
13, 14	<p>3 2.1.3 Dorsal Attachment Element Requirements</p> <p>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>	Evotech Arc Flash harness meet these requirements	Pass
13, 14	<p>3 2 2 3 Sternal Attachment Element Requirements</p> <p>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:</p> <p>a)FBH shall not release the test torso</p> <p>b)FBH shall support the test torso for a period of 5 minutes post fall</p> <p>c)The FBH shall support the test torso, post fall, at an angle not greater than 50° to vertical (see figure 8)</p> <p>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</p> <p>e)FBH stretch shall not exceed 18 inches(457mm), or that which is stated in the manufacture's instructions, whichever is less</p>	Evotech Arc Flash harness meet these requirements	Pass

13, 14	<p>3 2.2.3 Sternal Attachment Element Requirements</p> <p>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</p> <p>a) FBH shall not release the test torso</p> <p>b) Slippage through any adjuster shall not exceed 1 inch (25mm)</p> <p>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</p> <p>d) Except for the straps of the buckle and eyelet adjusters, straps shall not show any signs of tearing</p>	Evotech Arc Flash harness meet these requirements	Pass
13, 14	<p>3 2 6 1 Hip Attachment Element Performance Requirements</p> <p>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>	Evotech Arc Flash harness meet these requirements	Pass
13, 14	<p>3 3 1 Load bearing straps</p> <p>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)</p> <p>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>	Evotech Arc Flash harness meet these requirements	Pass
13, 14	<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>	Evotech Arc Flash harness meet these requirements	Pass