



**The Safety Company**

1000 Cranberry Woods Drive,  
Cranberry Township, PA 16066

**MSA Declaration of Conformity**  
In Accordance with ANSI/ISEA 125-2014  
IAC-23-050 - Z04 Rev 2

**Statement of Conformity:** MSA declares that the  
Workman Utility Harness  
is in conformity with the requirements of  
ANSI Z359.1-2007, ASTM F887-2013, ANSI Z359.11-2014, ASTM F887-2016

Product Code	Model / Part Numbers Covered
IAC-23-050	10152632, 10152633, 10152634, 10152635, 10152636, 10152637, 10152638, 10152639, 10152640, 10152648, 10152649, 10152650, 10152651, 10152652, 10152653, 10152654, 10152655, 10152656, 10152657, 10152658, 10152659, 10152660, 10152661, 10152662, 10152663, 10152671, 10152672, 10152673, 10152674, 10152675, 10152676, 10152677, 10162681, 10162682, 10162683, 10162684, 10162685, 10162686, 10162687, 10162688, 10162689, 10162690, 10162691, 10162692, 10162693, 10162694, 10162695, 10162696, 10163234, 10163238, 10163240, 10163266, 10163269, 10163297, 10163303, 10163305

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	Test Facility Used:	Test Facility Document #
1	Intertek	G101637743CRT-002
2	Intertek	G101604970CRT-001B
3	Intertek	G101541076CRT-002
4	ArcWear	MSA 1402T10
5	ArcWear	MSA 1403T07
6	Inspek	2.15.07.08A
7	Inspek	2.15.08.16
8	Ryan Lab	DFH 20181107 1328
9	Ryan Lab	DFH 20181107 1346
10	Ryan Lab	DFH 20181107 1400
11	Ryan Lab	SFH 20181107 1455

12	Ryan Lab	SFH 20181107 1507
13	Ryan Lab	SFH 20181107 1552
14	Kinectrics	K-352121-01-R00
15	Kinectrics	K-352121-02-R00
16	Kinectrics	K-352121-03-R00
17	Kinectrics	K-352121-04-R00
18	Kinectrics	K-352138-003 -R00

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. Dave Backfisch

8-27-19  
 Date. 8/27/2019

# Performance Details

Revision 2

Report	Standard and Product Requirements	Results	Pass / Fail
1	(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	Workman 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 kN)	Workman 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 Workman 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	Workman 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	(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	Workman Utility Harness meets these requirements	Pass
1, 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	Workman Utility Harness meets these requirements	Pass
4,5	(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)	Workman Utility Harness load-bearing straps meet these requirements	Pass
4,5	(ASTM F887-2013) Section 22 8 1 No electric arc ignition as defined by Specification F1891	Workman Utility Harness meets these requirements	Pass
4,5	(ASTM F887-2013) Section 22 8 2 No melting and dripping as defined by Specificaion F1891	Workman Utility Harness meets these requirements	Pass
4,5	(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 pratically possible  *Note 3 Year code following the Z359 standard designation marked on product dictates the applicable standards specification, tests and requirements	Workman Utility Harness meets these requirements	Pass
4,5	(ASTM F887-2013) Section 22 8 4 No greater than 5 s of afterflame as defined by Specification F1891	Workman Utility Harness meets these requirements	Pass

6, 7	<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>	Workman Utility Harness meets these requirements	Pass
6, 7	<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 bedeployed visibly and permanently</p>	Workman Utility Harness meets these requirements	Pass
6, 7	<p>(ANSI Z359 11-2014) 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 thefollowing criteria</p> <p>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>	Workman Utility Harness meets these requirements	Pass

6, 7	<p>(ANSI Z359 11-2014) 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>	Workman Utility Harness meets these requirements	Pass
7	<p>(ANSI Z359 11-2014) 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 ito 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 manufacture's instructions,whichever is less</p>	Workman Arc Flash harness meet these requirements	Pass
7	<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 futher 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>	Workman Utility Harness meets these requirements	Pass

7	(ANSI Z359 11-2104) 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	Workman Utility Harness meets these requirements	Pass
6, 7	(ANSI Z359 11-2014) 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	Workman Arc Flash harness meet these requirements	Pass
6, 7	(ANSI Z359 11-2014) 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	Workman Utility Harness meets these requirements	Pass
8	ANSI Z359 11-2014 Sec 4 3 3 Dynamic Feet First Dorsal Connection	3 2 1 3 1 Dynamic Feet First a) not release test torso b) support 5 min post fall c) support angle < 30 deg to vertical d) at least one fall indicator deployed e) stretch < 18 inches	Pass
9	ANSI Z359 11-2014 Sec 4 3 4 Dynamic Head First Dorsal Connection	3 2 1 3 2 Dynamic Head First a) not release test torso b) support 5 min post fall c) support angle < 30 deg to vertical d) at least one fall indicator deployed	Pass
10	ANSI Z359 11-2014 Sec 4 3 3 Dynamic Feet First Sternal Connection	3 2 1 3 1 Dynamic Feet First a) not release test torso b) support 5 min post fall c) support angle < 30 deg to vertical d) at least one fall indicator deployed e) stretch < 18 inches	Pass

11	ANSI Z359 11-2014 Sec 4 3 5 Static Feet First Dorsal Connection	3 2 1 3 3 Static Feet First a) not release test torso b) slippage <= 1 inch c) strap with buckle and adjuster not tear to adjacent eyelet or < 1 inch d) other straps show no signs of tearing	Pass
12	ANSI Z359 11-2014 Sec 4 3 5 Static Feet First Sternal Connection	3 2 2 3 2 Static Feet First a) not release test torso b) slippage <= 1 inch c) strap with buckle and adjuster not tear to adjacent eyelet or < 1 inch d) other straps show no signs of tearing	Pass
13	ANSI Z359 11-2014 Sec 4 3 5 Static Feet First Hip Connection	3 2 6 1 1 Static Feet First a) not release test torso b) slippage <= 1 inch c) strap with buckle and adjuster not tear to adjacent eyelet or < 1 inch d) other straps show no signs of tearing	Pass
14	ASTM F887-16 Sections 22 6 1 - 22 6 2 (Test specimens returned to CSA for Drop Testing to ANSI Standards )	22 6 1 No electric arc ignition or greater than 5 s afterflame of any load bearing materials and 15 s for accessories or non-load bearing components 22 6 2 No melting and dripping of any load bearing material	Pass
15	ASTM F887-16 Sections 22 6 1 - 22 6 2 (Test specimens returned to CSA for Drop Testing to ANSI Standards )	22 6 1 No electric arc ignition or greater than 5 s afterflame of any load bearing materials and 15 s for accessories or non-load bearing components 22 6 2 No melting and dripping of any load bearing material	Pass
16	ASTM F887-16 Sections 22 6 1 - 22 6 2 (Test specimens returned to CSA for Drop Testing to ANSI Standards )	22 6 1 No electric arc ignition or greater than 5 s afterflame of any load bearing materials and 15 s for accessories or non-load bearing components 22 6 2 No melting and dripping of any load bearing material	Pass
17	ASTM F887-16 Sections 22 6 1 - 22 6 2 (Test specimens returned to CSA for Drop Testing to ANSI Standards )	22 6 1 No electric arc ignition or greater than 5 s afterflame of any load bearing materials and 15 s for accessories or non-load bearing components 22 6 2 No melting and dripping of any load bearing material	Pass
18	ASTM F887-16 Sections 22 6 1 - 22 6 2 (Test specimens returned to CSA for Drop Testing to ANSI Standards )	22 6 1 No electric arc ignition or greater than 5 s afterflame of any load bearing materials and 15 s for accessories or non-load bearing components 22 6 2 No melting and dripping of any load bearing material	Pass