Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014

FALLTECH®
Fall Protection. Precision Engineered.

Alexander Andrew, Inc. 1306 S. Alameda St Compton, CA 90221

Declaration #	B0119136	**Declaration Date**	01.17.19

Tested Item # **7078BHVDSM** **Tradesman+Hi-Viz 10 Const Belted FBH Small/Med**

Additional Items Conforming Under this Declaration:

7078BHVDLX 7078BHVDLX 7008BHVD 7008BHVDXS 7008BHVDX/2X 7008BHVD3X

Alexander Andrew, Inc. declares that the product(s) listed above is in conformity with the requirements of the following performance standard(s):

ANSI Z359.11-2014

Conformity Assessment Method in accordance with ANSI/ISEA 125-2014

Level 1		**Level 2**	X	**Level 3**	

Level 1: FallTech Lab Outside the Scope of ISO/IEC Standard 17025:2005	**Level 2**: FallTech Lab Within the Scope of ISO/IEC Standard 17025:2005	**Level 3**: Independent 3rd Party Lab accredited to ISO/IEC Standard 17025:2005

Supporting Documentation **PC-1529**

Authorized Signature _____

Name Mark Sasaki **Title** Director of Engineering **Date** 1.18.19

element

TEST REPORT
EAR-CONTROLLED DATA

In account with	Date	Page 1 of 3 Pages
FALLTECH TESTING LABORATORY 1306 S. ALAMEDA STREET COMPTON, CA 90221	17 January 2019	
	W. O. No. T 52349-1	P. O. No. 16244
	Identification As noted	Shipper None

IDENTIFICATION : The part numbers test witnessed on the 10th of January 2019 are as follows:

Attestation of Witnessing Testing:

Base Part No.	Description	Sample ID's	
7078BHVDSM	Full Body Harness	4750679	4750686
		4750681	4750687
		4750674	4750677
		4750676	4750684
		4750675	4750673
		4750673	4750685
		4750678	4750688
		4750682	-

SPECIFICATION : ANSI Z359.11-2014: Sections 4.3.5, 4.3.3, 4.3.4, 4.3.6 and 4.3.7

REFERENCES :
1. Falltech Purchase Order Number 16244, dated 15 January 2019
2. Element Materials Technology Quotation Number ELO0010586Q/0, dated 15 January 2019
3. Email correspondence between Abel Fuentes of Element and Jay Sponholz of Falltech, dated 15 January 2019

TEST WITNESSING : Element representative was present at FallTech facilities on 10 January 2019 to witness testing performed by FallTech employee. In addition, equipment used, calibration status of the equipment, and documents were verified. Details of this visit are included below:

- Date(s) of Testing: 10 January 2016
- Element Test Witness: Jeff Blackford / Test Technician
- FallTech Test Operators: Yesbet Sierra/Jay Sponholz
- Specifications: ANSI Z359.11-2014: Sections 4.3.5, 4.3.3, 4.3.4, 4.3.6 and 4.3.7
- Equipment Calibration Interval(s): 1 year, except weights which are 5 years

RESULTS :

Test Report	Date	Base Part No.	Description	Sample ID's	Results
PC-1529	15 January 2019	7078BHVDSM	Full Body Harness	4750679	Pass
				4750681	
				4750674	
				4750676	
				4750675	
				4750673	
				4750678	
				4750682	
				4750686	
				4750687	
				4750677	
				4750684	
				4750673	
				4750685	
				4750688	

REMARKS : 1. Test results are submitted herein for client evaluation.

2. Falltech Test Report PC-1529 is in Appendix I for review.

Respectfully submitted,

Andy Montoya
Operations Manager
Element Materials Technology Los Angeles

element

T 52349-1

APPENDIX I

FALLTECH TEST REPORT PC-1529

1857 Business Center Drive • Duarte, California 91010-2902
(818) 247-4106 www.element.com

FallTech Testing Laboratory
1306 S. Alameda Street,
Compton, CA 90221-4803
Tel: (323) 752-0060
www.falltech.com

FallTech Test Report

Test Report No.	PC-1529	**Rpt. Date**	1/11/2019	**Rpt. Rev**		**Rev Date**	
Report Prepared For	FallTech						
Initiated By	Dan Redden	**Test Specification(s)**		ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7			
Part No.	7078BHVDSM			**Part No. Revision**	A		
Part Description	Full Body Harness						
Test Request No.	PC-1529			**Date Complete**	1/10/2019		
Test Operator(s)	Yesbet Sierra, Jay Sponholz						

Material/Sample Identification

Sample ID	Description
4750679	Full Body Harness
4750681	Full Body Harness
4750674	Full Body Harness
4750676	Full Body Harness
4750675	Full Body Harness
4750673	Full Body Harness
4750678	Full Body Harness
4750682	Full Body Harness
4750686	Full Body Harness
4750687	Full Body Harness
4750677	Full Body Harness
4750684	Full Body Harness
4750673	Full Body Harness
4750685	Full Body Harness
4750688	Full Body Harness

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Report Prepared For	FallTech						
Initiated By	Dan Redden	**Test Specification(s)**		ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7			
Part No.	7078BHVDSM			**Part No. Revision**	A		
Part Description	Full Body Harness						
Test Request No.	PC-1529			**Date Complete**	1/10/2019		

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.11-2014 4.3.5	Static Strength (Dorsal D-ring)	3600 Lbf ≥ 1 Minute	3635.7 Lbf	Pass
	Static Strength (Dorsal D-ring)	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage ≤ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear a Distance > 1" or Adjacent Eyelet	Did Not Tear Through	Pass
	Tearing	Straps Shall Not Show Any Signs of Tearing	Did Not Tear	Pass
ANSI Z359.11-2014 4.3.5	Static Strength (Dorsal D-ring)	3600 Lbf ≥ 1 Minute	3643.7 Lbf	Pass
	Static Strength (Dorsal D-ring)	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage ≤ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear a Distance > 1" or Adjacent Eyelet	Did Not Tear Through	Pass
	Tearing	Straps Shall Not Show Any Signs of Tearing	Did Not Tear	Pass
ANSI Z359.11-2014 4.3.5	Static Strength (Dorsal D-ring)	3600 Lbf ≥ 1 Minute	3646.5 Lbf	Pass
	Static Strength (Dorsal D-ring)	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage ≤ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear a Distance > 1" or Adjacent Eyelet	Did Not Tear Through	Pass
	Tearing	Straps Shall Not Show Any Signs of Tearing	Did Not Tear	Pass

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Report Prepared For	FallTech						
Initiated By	Dan Redden	**Test Specification(s)**		ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7			
Part No.	7078BHVDSM			**Part No. Revision**	A		
Part Description	Full Body Harness						
Test Request No.	PC-1529			**Date Complete**	1/10/2019		

Test Summary (Continued)				
Test Specification	**Test Criteria**		**Test Result**	**Pass/Fail**
ANSI Z359.11-2014 4.3.5	Static Strength (Side D-rings)	3600 Lbf ≥ 1 Minute	3646.4 Lbf	Pass
	Static Strength (Side D-rings)	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage ≤ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear a Distance > 1" or Adjacent Eyelet	Did Not Tear Through	Pass
	Tearing	Straps Shall Not Show Any Signs of Tearing	Did Not Tear	Pass
ANSI Z359.11-2014 4.3.5	Static Strength (Side D-rings)	3600 Lbf ≥ 1 Minute	3646.2 Lbf	Pass
	Static Strength (Side D-rings)	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage ≤ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear a Distance > 1" or Adjacent Eyelet	Did Not Tear Through	Pass
	Tearing	Straps Shall Not Show Any Signs of Tearing	Did Not Tear	Pass
ANSI Z359.11-2014 4.3.5	Static Strength (Side D-rings)	3600 Lbf ≥ 1 Minute	3640.4 Lbf	Pass
	Static Strength (Side D-rings)	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage ≤ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear a Distance > 1" or Adjacent Eyelet	Did Not Tear Through	Pass
	Tearing	Straps Shall Not Show Any Signs of Tearing	Did Not Tear	Pass

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Report Prepared For	FallTech						
Initiated By	Dan Redden	**Test Specification(s)**		ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7			
Part No.	7078BHVDSM			**Part No. Revision**	A		
Part Description	Full Body Harness						
Test Request No.	PC-1529			**Date Complete**	1/10/2019		

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	4234.7 Lbf	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Remain Suspended for ≥ 5 Minutes	5 Minutes	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Angle at Rest ≤ 30°	2.6°	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Harness Stretch Shall Not Exceed 18"	8.5"	Pass
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	3728.8 Lbf	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Remain Suspended for ≥ 5 Minutes	5 Minutes	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Angle at Rest ≤ 30°	2.9°	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Harness Stretch Shall Not Exceed 18"	8.9"	Pass
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	4294.1 Lbf	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Remain Suspended for ≥ 5 Minutes	5 Minutes	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Angle at Rest ≤ 30°	3.6°	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Harness Stretch Shall Not Exceed 18"	8.9"	Pass

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Report Prepared For	FallTech						
Initiated By	Dan Redden	**Test Specification(s)**		ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7			
Part No.	7078BHVDSM			**Part No. Revision**	A		
Part Description	Full Body Harness						
Test Request No.	PC-1529			**Date Complete**	1/10/2019		

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.11-2014 4.3.4	Dynamic Performance Dorsal D-ring (Head First)	Peak Impact Load ≥ 3,600 Lbf	1933.1 Lbf	*
	Dynamic Performance Dorsal D-ring (Head First)	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Dynamic Performance Dorsal D-ring (Head First)	Remain Suspended for ≥ 5 Minutes	5 Minutes	Pass
	Dynamic Performance Dorsal D-ring (Head First)	Angle at Rest ≤ 30°	6.6°	Pass
	Dynamic Performance Dorsal D-ring (Head First)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2014 4.3.4	Dynamic Performance Dorsal D-ring (Head First)	Peak Impact Load ≥ 3,600 Lbf	1983.0 Lbf	*
	Dynamic Performance Dorsal D-ring (Head First)	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Dynamic Performance Dorsal D-ring (Head First)	Remain Suspended for ≥ 5 Minutes	5 Minutes	Pass
	Dynamic Performance Dorsal D-ring (Head First)	Angle at Rest ≤ 30°	3.1°	Pass
	Dynamic Performance Dorsal D-ring (Head First)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2014 4.3.4	Dynamic Performance Dorsal D-ring (Head First)	Peak Impact Load ≥ 3,600 Lbf	1963.6 Lbf	*
	Dynamic Performance Dorsal D-ring (Head First)	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Dynamic Performance Dorsal D-ring (Head First)	Remain Suspended for ≥ 5 Minutes	5 Minutes	Pass
	Dynamic Performance Dorsal D-ring (Head First)	Angle at Rest ≤ 30°	3.2°	Pass
	Dynamic Performance Dorsal D-ring (Head First)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass

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Part No.	7078BHVDSM			**Part No. Revision**	A		
Part Description	Full Body Harness						
Test Request No.	PC-1529			**Date Complete**	1/10/2019		

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.11-2014 4.3.6	Fall Arrest Indicator Test (Doral D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2014 4.3.6	Fall Arrest Indicator Test (Doral D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2014 4.3.6	Fall Arrest Indicator Test (Doral D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2014 4.3.7	Lanyard Parking Attachment Element	Disengagement Load ≤ 120 Lbf	Previously Tested and Passed under PC-0722	Pass

Conclusion

Based upon the samples provided to the Lab:
FallTech P/N 7078BHVDSM Rev. A meets the requirements of ANSI Z359.11-2014

Test Exceptions

* Harness has been dynamically tested and subjected to forces of 5,000 Lbs. or more. Energy absorbing properties inherent to the harness prevented residual force readings equal to or greater than the 3,600 Lbs. required by the standard.

Report Signatories and Approval

Lab Quality Manager	Jay Sponholz	Date	1/11/2019
Witnessed by	Jeff B.	Date	1/15/2019