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 #	B0318132a	**Declaration Date**	3.23.18

Tested Item #	**8076RM**	**Arc Flash Nomex Standard Non-Belted FBH**

Additional Items Conforming Under this Declaration:

8076RS	**8076R2X**	**8076R3X**	**8076**	**8076RL**	**8076RXL**
8076XL	**8076CRS**	**8076CRM**	**8076CRL**	**8076CRXL**	
8076DRS	**8076DRM**	**8076DRL**	**8076DRXL**	**8076DR2X**	

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 & ASTM F887-16

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-1391**

Authorized Signature 

Name Mark Sasaki **Title** Director of Engineering **Date** 11.26.18

Element Materials Technology
3883 East Eagle Drive,
Anaheim, CA 92807

T: 714 630-3003
F: 714 630-4443
info.anaheim@element.com
element.com

March 23, 2018

FallTech Testing Laboratory

1306 S. Alameda Street

Compton, CA 90221

Attention: Jay Sponholz

Quality Manager

Subject: **Attestation of Witnessing Testing**

Element Job #	**380306-3**
FallTech P.O.:	**OPEN**
Report No.:	**PC-1391**
Base Part No.	**8076RM**
Description:	**Full Body Harness**

Dear Mr. Sponholz:

The purpose of this attestation is to attest to the fact that a representative of Element was on site at FallTech's facilities to confirm suitability of the equipment used, calibration status of the equipment and to witness testing performed by FallTech employees. Details of this visit are included below:

- Date of Testing:
  - March 22, 2018
- Element Test Witness:
  - 3/22/2018 – Kevin Ton
- FallTech Test Operators:
  - Yesbet Sierra/Jay Sponholz
- Specification:

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

- Equipment Calibration Interval
  - 1 year, except weights which are 5 years

Element Materials Technology
3883 East Eagle Drive,
Anaheim, CA 92807

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Attached to this attestation is the test report generated by FallTech Testing Laboratory. Element test witness certifies the report accurately presents the testing performed on the samples identified.

Test Report #	Date	Base Part #	Description	Sample ID's	Results
PC-1391	3/22/2018	8076RM	Full Body Harness	4250252 4250255FB 4250263BB 4250251 4250257FB 4250256BB 4250254 4250262FB 4250260BB 4250258 4250261 4250259	Pass

Test Witness Signature:	***(Signed for and on behalf of Element)***
Kevin Ton	OCM 083 QUALITY

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-1391	**Rpt. Date**	3/23/2018	**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.	8076RM			**Part No. Revision**	B		
Part Description	Full Body Harness						
Test Request No.	PC-1391			**Date Complete**	3/22/2018		
Test Operator(s)	Yesbet Sierra, Jay Sponholz						

Material/Sample Identification

Sample ID	Description
4250252	Full Body Harness
4250255FB	Full Body Harness
4250263BB	Full Body Harness
4250251	Full Body Harness
4250257FB	Full Body Harness
4250256BB	Full Body Harness
4250254	Full Body Harness
4250262FB	Full Body Harness
4250260BB	Full Body Harness
4250258	Full Body Harness
4250261	Full Body Harness
4250259	Full Body Harness

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FallTech Test Report

Test Report No.	PC-1391	**Rpt. Date**	3/23/2018	**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.	8076RM			**Part No. Revision**	B		
Part Description	Full Body Harness						
Test Request No.	PC-1391			**Date Complete**	3/22/2018		

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	3639.3 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	3641.3 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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FallTech Test Report

Test Report No.	PC-1391	Rpt. Date	3/23/2018	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.	8076RM			Part No. Revision	B		
Part Description	Full Body Harness						
Test Request No.	PC-1391			Date Complete	3/22/2018		

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	5785.0 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°	5.6°	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"	8.4"	Pass
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	6512.7 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°	5.6°	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"	12.0"	Pass
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	7133.8 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°	7.5°	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"	13.2"	Pass

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FallTech Test Report

Test Report No.	PC-1391	Rpt. Date	3/23/2018	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.	8076RM			Part No. Revision	B		
Part Description	Full Body Harness						
Test Request No.	PC-1391			Date Complete	3/22/2018		

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	3240.0 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°	2.3°	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	5384.9 Lbf	Pass
	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°	28.9°	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	3772.9 Lbf	Pass
	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°	2.8°	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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FallTech Test Report

Test Report No.	PC-1391	**Rpt. Date**	3/23/2018	**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.	8076RM			**Part No. Revision**	B		
Part Description	Full Body Harness						
Test Request No.	PC-1391			**Date Complete**	3/22/2018		

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 8076RM Rev. B meets the requirements of ANSI Z359.11-2014 and ASTM F-887-13.

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	3/23/2018
Witnessed by	Kevin Ton Kt	Date	3/23/2018

OCM 083 QUALITY

TEST SPECIMEN:

FULL BODY HARNESS, MODEL 8076RM

TEST STANDARD:

ELECTRIC ARC TESTS: ASTM F887-16

OBSERVATION OF PERSONAL CLIMBING EQUIPMENT EXPOSED TO AN ELECTRIC ARC

TEST REPORT: K-352042-1802H03 -R00

Client
ArcWear
3018 Eastpoint Parkway
Louisville, KY 40223

Producer
FallTech
1306 S Alameda St
Compton, CA 90221

Sample Received	Test Date	Report Date
2018-Feb-15	2018-Feb-20	2018-May-31

Prepared by

Andrew Haines
2018.05.31
16:09:30 -04'00'

Andrew Haines
Supervising Technologist, HCL
TD Technologies, Kinectrics
Ph: 416-207-6000 x 6544

Approved by

Kenneth Cheng, P. Eng, MBA
Project Manager, DAM
TD Technologies, Kinectrics
Ph: 416-207-6000 x 6026

For questions on these test records, please contact HCL@Kinectrics.com

Revision History

Rev	Description		
00	Initial report creation		
	Issue Date 2018-May-31	Prepared by Andrew Haines	Approved by Kenneth Cheng
Rev	Description		
	Issue Date	Prepared by	Verified by

DISCLAIMER

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QUALITY MANAGEMENT

The arc testing performed to the above mentioned Standard is accredited by the Standards Council of Canada (SCC) to conform to the requirements of CAN-P-4E (ISO/IEC 17025:2005). Accreditation by the Standards Council of Canada (SCC) is a mark of competence and reliability

- The test performed does not apply to electrical contact or electrical shock hazard.
- The test result is applicable only to the Test Specimens delivered to Kinectrics, other material, design or color may have a different response.
- It is the clients' responsibility to provide full and accurate information about the items supplied.
- No test is done to validate the fiber content or composition of the test item.
- Photographs of the test specimens and waveforms of the arc current, voltage and calorimeters with the circuit and arc exposure calibration records are available from Kinectrics and provided to the client separately from this report.