

Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



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

Declaration #

B1217004a

Declaration Date

9.27.17

Tested Item #

7019B

Contractor FBH 4D Crossover Climbing UniFit

Additional Items Conforming Under this Declaration:

S7019B 7019BX/2X 7019A 7019AX/2X

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

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-1287

Authorized Signature

Name

Martin Barila

Title

VP of Operations

Date

12.26.17

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Testing. Advising. Assuring.

September 27, 2017

FallTech Testing Laboratory
1306 S. Alameda Street
Compton, CA 90221

Attention: Jay Sponholz
Quality Manager

Subject: **Attestation of Witnessing Testing**
Exova OCM Job # 371394-13
FallTech P.O.: OPEN
Report No.: PC-1287
Base Part No. 7019B
Description: Full Body Harness

Dear Mr. Sponholz:

The purpose of this attestation is to attest to the fact that a representative of Exova OCM 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:

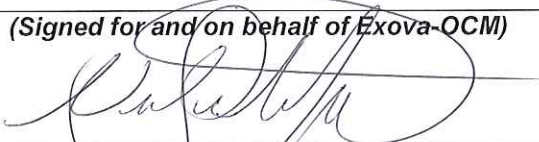

- Date of Testing:
 - September 26, 2017
- Exova OCM Test Witness:
 - 9/26/17 - Nolan Schatzle
- FallTech Test Operators:
 - Yesbet Sierra/Jay Sponholz
- Specification:

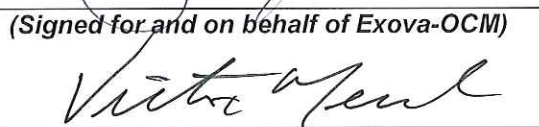
ANSI Z359. 11-2014 Sections: 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7

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

Attached to this attestation is the test report generated by FallTech Testing Laboratory. Exova OCM 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-1287	9/26/17	7019B	Full Body Harness	4074071 4074076 4074070 4074069 4074079 4074065 4074074 4074085 4074087 4074078 4074068 4074083 4074084 4074082 4074080 4074066 4074067 4074089 4074072 4074086 4074073 4074088 4074077 4074075	Pass

Test Witness Signature: Nolan Schatzle Technician Mechanical Laboratory	(Signed for and on behalf of Exova-OCM) 	
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Approval Signature: Victor Mendez Production Manager	(Signed for and on behalf of Exova-OCM) 
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This attestation shall not be reproduced except in full, without the written approval of Exova-OCM. The laboratory has witnessed the testing the material / items supplied by the client as sampled by the client. The testing is not within Exova OCM's L.A.B scope of testing and was not performed at Exova OCM.



LABORATORY ACCREDITATION BUREAU a division of A-S-B
ACCREDITED ISO/IEC 17025
Certificate # L2195 Testing

FallTech Test Report

Test Report No.	PC-1287	Rpt. Date	9/27/2017	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.	7019B	Part No. Revision	B				
Part Description	Full Body Harness						
Test Request No.	PC-1287	Date Complete	9/26/2017				
Test Operator(s)	Yesbet Sierra, Jay Sponholz						

Material/Sample Identification

Sample ID	Description
4074071	Full Body Harness
4074076	Full Body Harness
4074070	Full Body Harness
4074069	Full Body Harness
4074079	Full Body Harness
4074065	Full Body Harness
4074074	Full Body Harness
4074085	Full Body Harness
4074087	Full Body Harness
4074078	Full Body Harness
4074068	Full Body Harness
4074083	Full Body Harness
4074084	Full Body Harness
4074082	Full Body Harness
4074080	Full Body Harness
4074066	Full Body Harness
4074067	Full Body Harness
4074089	Full Body Harness
4074072	Full Body Harness
4074086	Full Body Harness
4074073	Full Body Harness
4074088	Full Body Harness
4074077	Full Body Harness
4074075	Full Body Harness



FallTech Test Report

Test Report No.	PC-1287	Rpt. Date	9/27/2017	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.	7019B	Part No. Revision	B				
Part Description	Full Body Harness						
Test Request No.	PC-1287	Date Complete	9/26/2017				

Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.11-2014 4.3.5	Static Strength (Dorsal D-ring)	3600 Lbf \geq 1 Minute	3670.2 Lbf Pass
	Static Strength (Dorsal D-ring)	Harness Shall Not Release Test Torso	Did Not Release Pass
	Adjuster Slippage	Slippage \leq 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 \geq 1 Minute	3642.0 Lbf Pass
	Static Strength (Dorsal D-ring)	Harness Shall Not Release Test Torso	Did Not Release Pass
	Adjuster Slippage	Slippage \leq 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 \geq 1 Minute	3637.8 Lbf Pass
	Static Strength (Dorsal D-ring)	Harness Shall Not Release Test Torso	Did Not Release Pass
	Adjuster Slippage	Slippage \leq 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



FallTech Test Report

Test Report No.	PC-1287	Rpt. Date	9/27/2017	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.	7019B	Part No. Revision	B				
Part Description	Full Body Harness						
Test Request No.	PC-1287	Date Complete	9/26/2017				

Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.11-2014 4.3.5	Static Strength (Sternal D-ring)	3600 Lbf \geq 1 Minute	3640.1 Lbf Pass
	Static Strength (Sternal D-ring)	Harness Shall Not Release Test Torso	Did Not Release Pass
	Adjuster Slippage	Slippage \leq 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 (Sternal D-ring)	3600 Lbf \geq 1 Minute	3647.2 Lbf Pass
	Static Strength (Sternal D-ring)	Harness Shall Not Release Test Torso	Did Not Release Pass
	Adjuster Slippage	Slippage \leq 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 (Sternal D-ring)	3600 Lbf \geq 1 Minute	3682.0 Lbf Pass
	Static Strength (Sternal D-ring)	Harness Shall Not Release Test Torso	Did Not Release Pass
	Adjuster Slippage	Slippage \leq 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



FallTech Test Report

Test Report No.	PC-1287	Rpt. Date	9/27/2017	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.	7019B	Part No. Revision	B				
Part Description	Full Body Harness						
Test Request No.	PC-1287	Date Complete	9/26/2017				

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	3667.0 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	3682.0 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	3653.7 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



FallTech Test Report

Test Report No.	PC-1287	Rpt. Date	9/27/2017	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.	7019B	Part No. Revision	B				
Part Description	Full Body Harness						
Test Request No.	PC-1287	Date Complete	9/26/2017				

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	5078.5 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 $\leq 30^\circ$	0.5°	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
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	5254.1 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 $\leq 30^\circ$	2.1°	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
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	5176.1 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 $\leq 30^\circ$	2.7°	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



FallTech Test Report

Test Report No.	PC-1287	Rpt. Date	9/27/2017	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.	7019B	Part No. Revision	B				
Part Description	Full Body Harness						
Test Request No.	PC-1287	Date Complete	9/26/2017				

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	5111.3 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°	2.9° 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	5127.7 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°	1.3° 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	4871.7 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°	3.7° Pass
	Dynamic Performance Dorsal D-ring (Head First)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed Pass



FallTech Test Report

Test Report No.	PC-1287	Rpt. Date	9/27/2017	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.	7019B	Part No. Revision	B				
Part Description	Full Body Harness						
Test Request No.	PC-1287	Date Complete	9/26/2017				

Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.11-2014 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	5514.9 Lbf Pass
	Dynamic Performance Sternal D-ring (Feet First)	Harness Shall Not Release Test Torso	Did Not Release Pass
	Dynamic Performance Sternal D-ring (Feet First)	Remain Suspended for ≥ 5 Minutes	5 Minutes Pass
	Dynamic Performance Sternal D-ring (Feet First)	Angle at Rest ≤ 50°	3.0° Pass
	Dynamic Performance Sternal D-ring (Feet First)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed Pass
	Dynamic Performance Sternal D-ring (Feet First)	Harness Stretch Shall Not Exceed 18"	13.2" Pass
ANSI Z359.11-2014 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	4549.5 Lbf Pass
	Dynamic Performance Sternal D-ring (Feet First)	Harness Shall Not Release Test Torso	Did Not Release Pass
	Dynamic Performance Sternal D-ring (Feet First)	Remain Suspended for ≥ 5 Minutes	5 Minutes Pass
	Dynamic Performance Sternal D-ring (Feet First)	Angle at Rest ≤ 50°	4.1° Pass
	Dynamic Performance Sternal D-ring (Feet First)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed Pass
	Dynamic Performance Sternal D-ring (Feet First)	Harness Stretch Shall Not Exceed 18"	12.0" Pass
ANSI Z359.11-2014 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	5029.3 Lbf Pass
	Dynamic Performance Sternal D-ring (Feet First)	Harness Shall Not Release Test Torso	Did Not Release Pass
	Dynamic Performance Sternal D-ring (Feet First)	Remain Suspended for ≥ 5 Minutes	5 Minutes Pass
	Dynamic Performance Sternal D-ring (Feet First)	Angle at Rest ≤ 50°	2.7° Pass
	Dynamic Performance Sternal D-ring (Feet First)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed Pass
	Dynamic Performance Sternal D-ring (Feet First)	Harness Stretch Shall Not Exceed 18"	13.2" Pass




FallTech Test Report						
Test Report No.	PC-1287	Rpt. Date	9/27/2017	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.	7019B	Part No. Revision	B			
Part Description	Full Body Harness					
Test Request No.	PC-1287	Date Complete	9/26/2017			

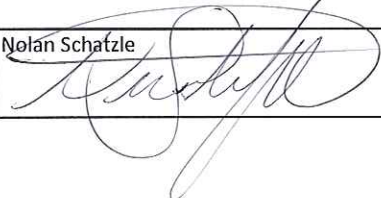
Test Summary (Continued)				
Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.11-2014 4.3.6	Fall Arrest Indicator Test (Dorsal D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2014 4.3.6	Fall Arrest Indicator Test (Dorsal D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2014 4.3.6	Fall Arrest Indicator Test (Dorsal 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 (Sternal 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 (Sternal 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 (Sternal 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-0606	Pass

Conclusion
Based upon the samples provided to the Lab: FallTech P/N 7019B Rev. B 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		Date	9/27/2017
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Witnessed by		Date	9-27-15
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