

Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



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

Declaration #

B0317053c

Declaration Date

3.28.17

Tested Item #

7021BFDM

Journeyman *FLEX* Climbing Non-belted FBH

Additional Items Conforming Under this Declaration:

7021BFDS

7021BFDL

7021BFDXL

7021BFD2X

7021BFD3X

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

OSHA 1910.66

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-1080

Authorized Signature

Name

Dustin Hawkins

Title

VP Business Development

Date

4.3.17

FallTech Test Report

Test Report No.	PC-1080	Rpt. Date	3/28/2017	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	OSHA 1910 Subpart I App. D: (d) (3) (ii)				
Part No.	7021BFDM	Part No. Revision	A				
Part Description	Full Body Harness						
Test Request No.	PC-1080	Date Complete	3/24/2017				
Test Operator(s)	Yesbet Sierra, Jay Sponholz						

Material/Sample Identification

Sample ID	Description
3773114	Full Body Harness
3773113	Full Body Harness

Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail	
OSHA 1910 Subpart I App. D: (d) (3) (ii)	Dynamic Performance Dorsal D-ring (Feet First) 72" Drop height	Maximum Arrest Force ≤ 2520 Lbf	1071.8 Lbf	Pass
	Dynamic Performance Dorsal D-ring (Feet First) 72" Drop height	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Dynamic Performance Dorsal D-ring (Feet First) 72" Drop height	Remain Suspended for ≥ 1 Minutes	1 Minutes	Pass
	Dynamic Performance Dorsal D-ring (Feet First) 72" Drop height	Angle at Rest = No Angle requirement	2.5°	N/A
	Dynamic Performance Dorsal D-ring (Feet First) 72" Drop height	Harness Stretch = Shall Be Measured	36.0"	Information

FallTech Test Report

Test Report No.	PC-1080	Rpt. Date	3/28/2017	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	OSHA 1910 Subpart I App. D: (d) (3) (ii)				
Part No.	7021BFDM	Part No. Revision	A				
Part Description	Full Body Harness						
Test Request No.	PC-1080	Date Complete	3/24/2017				


Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
OSHA 1910 Subpart I App. D: (d) (3) (ii)	Dynamic Performance Sternal D-ring (Feet First) 24" Drop height	Maximum Arrest Force \leq 2520 Lbf	1537.8 Lbf	Pass
	Dynamic Performance Sternal D-ring (Feet First) 24" Drop height	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Dynamic Performance Sternal D-ring (Feet First) 24" Drop height	Remain Suspended for \geq 1 Minutes	1 Minutes	Pass
	Dynamic Performance Sternal D-ring (Feet First) 24" Drop height	Angle at Rest = No Angle requirement	29.5°	N/A
	Dynamic Performance Sternal D-ring (Feet First) 24" Drop height	Harness Stretch = Shall Be Measured	6.0"	Information

Conclusion

FallTech P/N 7021BFDM Rev. A meets the requirements of OSHA 1910 Subpart I App. D (d) (3) (ii)

Report Signatories and Approval

Lab Quality Manager		Date	3/28/2017
Witnessed by	Not Required	Date	N/A

FallTech Test Report

Test Report No.	PC-1080	Rpt. Date	3/28/2017	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	OSHA 1910 Subpart I App. D: (d) (3) (ii)				
Part No.	7021BFDM	Part No. Revision	A				
Part Description	Full Body Harness						
Test Request No.	PC-1080	Date Complete	3/24/2017				

Test Information

Description of Test	Force Test: Dorsal D-ring, Full Body Harness, Feet First		
Test Method	OSHA 1910 Subpart I Appendix D, (d) (3) (ii)		
Acceptance Criteria	OSHA 1910 Subpart I Appendix D, (d) (4)		
Test Procedure	TI-161		
Conditioning Requirements	Not Applicable	Actual Conditions	Not Applicable
Time Removed from Conditioning	Not Applicable	Time Tested	Not Applicable
Test Environment	70.6°F / 60.3% RH		
Test By	Jay Sponholz, Yesbet Sierra	Test Date	3/17/2017

Equipment Used

Equipment Used	Size/Type	Control Number	Calibration Date
Test Torso	220 Lbs	TOR220	4/16/2014
Load Cell	10,000 Lbs	221731	5/2/2016
Altimeter	100 Ft	ALE-87283	6/7/2016
Digital Protractor	0.1°	CP120265	6/2/2016
Distance Laser	100 Ft	ALE-87300	7/12/2016

Test Results

Sample ID	Characteristic	Criteria	Test Data	Pass/Fail
3773114	Dynamic Performance Dorsal D-ring (Feet First) 72" Drop height	Maximum Arrest Force ≤ 2520 Lbf	1071.8 Lbf	Pass
	Dynamic Performance Dorsal D-ring (Feet First) 72" Drop height	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Dynamic Performance Dorsal D-ring (Feet First) 72" Drop height	Remain Suspended for ≥ 1 Minutes	1 Minutes	Pass
	Dynamic Performance Dorsal D-ring (Feet First) 72" Drop height	Angle at Rest = No Angle requirement	2.5°	N/A
	Dynamic Performance Dorsal D-ring (Feet First) 72" Drop height	Harness Stretch = Shall Be Measured	36.0"	Information



FallTech Test Report

Test Report No.	PC-1080	Rpt. Date	3/28/2017	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	OSHA 1910 Subpart I App. D: (d) (3) (ii)				
Part No.	7021BFDM	Part No. Revision	A				
Part Description	Full Body Harness						
Test Request No.	PC-1080	Date Complete	3/24/2017				

Test Information

Description of Test	Force Test: Sternal D-ring, Full Body Harness, Feet First		
Test Method	OSHA 1910 Subpart I Appendix D, (d) (3) (ii)		
Acceptance Criteria	OSHA 1910 Subpart I Appendix D, (d) (4)		
Test Procedure	TI-162		
Conditioning Requirements	Not Applicable	Actual Conditions	Not Applicable
Time Removed from Conditioning	Not Applicable	Time Tested	Not Applicable
Test Environment	75.3°F / 42.5% RH		
Test By	Jay Sponholz, Yesbet Sierra	Test Date	3/24/2017

Equipment Used

Equipment Used	Size/Type	Control Number	Calibration Date
Test Torso	220 Lbs	TOR220	4/16/2014
Load Cell	10,000 Lbs	221731	5/2/2016
Altimeter	100 Ft	ALE-87283	6/7/2016
Digital Protractor	0.1°	CP120265	6/2/2016

Test Results

Sample ID	Characteristic	Criteria	Test Data	Pass/Fail
3773113	Dynamic Performance Sternal D-ring (Feet First) 24" Drop height	Maximum Arrest Force ≤ 2520 Lbf	1537.8 Lbf	Pass
	Dynamic Performance Sternal D-ring (Feet First) 24" Drop height	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Dynamic Performance Sternal D-ring (Feet First) 24" Drop height	Remain Suspended for ≥ 1 Minutes	1 Minutes	Pass
	Dynamic Performance Sternal D-ring (Feet First) 24" Drop height	Angle at Rest = No Angle requirement	29.5°	N/A
	Dynamic Performance Sternal D-ring (Feet First) 24" Drop height	Harness Stretch = Shall Be Measured	6.0"	Information

End of Report

