

Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014 and ANSI/ASSP Z359.7-2019



Alexander Andrew, Inc. 1306 S. Alameda St Compton, CA 90221 (800) 719-4619

Declaration #

A0817067

Declaration Date

8/17/2023

Tested Item #

7414

Bolt-on D-ring Anchor

Additional Items Conforming Under this Declaration:

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

ANSI Z359.18-2017

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-2903

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

8/17/2023



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FallTech Lab - TL-594
ISO/IEC 17025:2017

Alexander Andrew Inc dba FallTech

FallTech Test Report

Test Report No.	PC-2903	Rpt. Date	8/17/2023	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Zachary Winters	Test Specification(s)	ANSI Z359.18-2017: 4.2.1, 4.2.2, 4.2.3				
Part No.	7414	Part No. Revision	F				
Part Description	Bolt-on D-ring Anchor						
Test Request No.	PC-2903	Date Complete	8/17/2023				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
7135057	Bolt-on D-ring Anchor
7225924	Bolt-on D-ring Anchor
7225017	Bolt-on D-ring Anchor
7224868	Bolt-on D-ring Anchor
7135043	Bolt-on D-ring Anchor
7225019	Bolt-on D-ring Anchor

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.1.1 Horizontal Mount	Static Strength	≥ 5,000 Lbf	5029.9 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.1.1 Horizontal Mount	Static Strength	≥ 5,000 Lbf	5056.0 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.1.1 Horizontal Mount	Static Strength	≥ 5,000 Lbf	5046.2 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.1.1 Vertical Mount	Static Strength	≥ 5,000 Lbf	5028.1 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.1.1 Vertical Mount	Static Strength	≥ 5,000 Lbf	5284.4 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.1.1 Vertical Mount	Static Strength	≥ 5,000 Lbf	5153.6 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1 Horizontal Mount	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3521.9 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1 Horizontal Mount	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3586.1 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate

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Part No.	7414	Part No. Revision	F				
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Test Request No.	PC-2903	Date Complete	8/17/2023				

Test Summary (continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.2.1 Horizontal Mount	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3554.7 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1 Vertical Mount	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3369.0 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1 Vertical Mount	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3431.7 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1 Vertical Mount	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3328.8 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.3.1 Horizontal Mount	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3743.5 lbF	Information
	Maintain Load	≥ 1 Minutes	1 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.3.1 Horizontal Mount	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3831.4 lbF	Information
	Maintain Load	≥ 1 Minutes	1 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.3.1 Horizontal Mount	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3723.4 lbF	Information
	Maintain Load	≥ 1 Minutes	1 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate

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Test Summary (continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.3.1 Vertical Mount	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3541.6 lbF	Information
	Maintain Load	≥ 1 Minutes	1 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.3.1 Vertical Mount	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3750.8 lbF	Information
	Maintain Load	≥ 1 Minutes	1 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.3.1 Vertical Mount	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3669.5 lbF	Information
	Maintain Load	≥ 1 Minutes	1 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate

Conclusion

Based upon the samples provided to the Lab:
 FallTech P/N 7414 Rev. F meets the requirements of ANSI Z359.18-2017.

Report Signatories and Approval

Lab Quality Manager		Date	8/17/2023
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