

# 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

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-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

<b>Test Report No.</b>	PC-2903	<b>Rpt. Date</b>	8/17/2023	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Zachary Winters	<b>Test Specification(s)</b>		ANSI Z359.18-2017: 4.2.1, 4.2.2, 4.2.3			
<b>Part No.</b>	7414	<b>Part No. Revision</b>			F		
<b>Part Description</b>	Bolt-on D-ring Anchor						
<b>Test Request No.</b>	PC-2903	<b>Date Complete</b>			8/17/2023		
<b>Test Operator(s)</b>	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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<b>Initiated By</b>	Zachary Winters	<b>Test Specification(s)</b>		ANSI Z359.18-2017: 4.2.1, 4.2.2, 4.2.3			
<b>Part No.</b>	7414	<b>Part No. Revision</b>			F		
<b>Part Description</b>	Bolt-on D-ring Anchor						
<b>Test Request No.</b>	PC-2903	<b>Date Complete</b>			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
	Max Arrest Force	Information Only	3554.7 lbf
	Gate Separation	≥ 1/8"	Not Applicable
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
	Max Arrest Force	Information Only	3369.0 lbf
	Gate Separation	≥ 1/8"	Not Applicable
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
	Max Arrest Force	Information Only	3431.7 lbf
	Gate Separation	≥ 1/8"	Not Applicable
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
	Max Arrest Force	Information Only	3328.8 lbf
	Gate Separation	≥ 1/8"	Not Applicable
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
	Max Arrest Force	Information Only	3743.5 lbf
	Maintain Load	≥ 1 Minutes	1 Minutes
	Gate Separation	≥ 1/8"	Not Applicable
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
	Max Arrest Force	Information Only	3831.4 lbf
	Maintain Load	≥ 1 Minutes	1 Minutes
	Gate Separation	≥ 1/8"	Not Applicable
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
	Max Arrest Force	Information Only	3723.4 lbf
	Maintain Load	≥ 1 Minutes	1 Minutes
	Gate Separation	≥ 1/8"	Not Applicable

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<b>Part Description</b>	Bolt-on D-ring Anchor						
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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
	Max Arrest Force	Information Only	3541.6 lbf
	Maintain Load	≥ 1 Minutes	1 Minutes
	Gate Separation	≥ 1/8"	Not Applicable
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
	Max Arrest Force	Information Only	3750.8 lbf
	Maintain Load	≥ 1 Minutes	1 Minutes
	Gate Separation	≥ 1/8"	Not Applicable
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
	Max Arrest Force	Information Only	3669.5 lbf
	Maintain Load	≥ 1 Minutes	1 Minutes
	Gate Separation	≥ 1/8"	Not Applicable

### 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

<b>Lab Quality Manager</b>		<b>Date</b>	8/17/2023
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