

# 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 #

A0926073

Declaration Date

9/26/2024

Tested Item #

7540A14

BeamLock Anchor, Dual Adjustment, 4" to 14"

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-3227

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

9/26/2024



International Accreditation Service, Inc  
3060 Saturn St, Ste 100  
Brea, CA 92821 +1 562-364-8201

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

Alexander Andrew Inc dba FallTech

### FallTech Test Report

<b>Test Report No.</b>	PC-3227	<b>Rpt. Date</b>	9/25/2024	<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>	7540A14	<b>Part No. Revision</b>	A				
<b>Part Description</b>	BeamLock Anchor, Dual Adjustment, 4" to 14"						
<b>Test Request No.</b>	PC-3227	<b>Date Complete</b>	9/25/2024				
<b>Test Operator(s)</b>	Yesbet Sierra / Jay Sponholz						

### Material/Sample Identification

Sample ID	Description
37	BeamLock Anchor, Dual Adjustment, 4" to 14"
38	BeamLock Anchor, Dual Adjustment, 4" to 14"
22	BeamLock Anchor, Dual Adjustment, 4" to 14"
30	BeamLock Anchor, Dual Adjustment, 4" to 14"
20	BeamLock Anchor, Dual Adjustment, 4" to 14"
13	BeamLock Anchor, Dual Adjustment, 4" to 14"
27	BeamLock Anchor, Dual Adjustment, 4" to 14"
24	BeamLock Anchor, Dual Adjustment, 4" to 14"
28	BeamLock Anchor, Dual Adjustment, 4" to 14"
11	BeamLock Anchor, Dual Adjustment, 4" to 14"
29	BeamLock Anchor, Dual Adjustment, 4" to 14"
15	BeamLock Anchor, Dual Adjustment, 4" to 14"
19	BeamLock Anchor, Dual Adjustment, 4" to 14"
14	BeamLock Anchor, Dual Adjustment, 4" to 14"
16	BeamLock Anchor, Dual Adjustment, 4" to 14"
1	BeamLock Anchor, Dual Adjustment, 4" to 14"
17	BeamLock Anchor, Dual Adjustment, 4" to 14"
13	BeamLock Anchor, Dual Adjustment, 4" to 14"

### Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.18-2017 4.2.1.1 Vertical	Static Strength	≥ 5,000 Lbf	5114.4 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	Static Strength	≥ 5,000 Lbf	5103.6 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	Static Strength	≥ 5,000 Lbf	5126.7 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 Foot Level	Static Strength	≥ 5,000 Lbf	5125.2 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 Foot Level	Static Strength	≥ 5,000 Lbf	5157.9 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 Foot Level	Static Strength	≥ 5,000 Lbf	5127.2 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 Minutes	Pass
	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>	7540A14	<b>Part No. Revision</b>			A		
<b>Part Description</b>	BeamLock Anchor, Dual Adjustment, 4" to 14"						
<b>Test Request No.</b>	PC-3227	<b>Date Complete</b>			9/25/2024		

#### Test Summary (continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.1.1 Overhead	Static Strength	≥ 5,000 Lbf	5117.9 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 Overhead	Static Strength	≥ 5,000 Lbf	5098.5 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 Overhead	Static Strength	≥ 5,000 Lbf	5118.8 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 Vertical	Dynamic Strength	Shall Arrest a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3985.4 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1 Vertical	Dynamic Strength	Shall Arrest a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3741.2 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1 Vertical	Dynamic Strength	Shall Arrest a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3832.7 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1 Foot Level	Dynamic Strength	Shall Arrest a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3926.9 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1 Foot Level	Dynamic Strength	Shall Arrest a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4269.6 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1 Foot Level	Dynamic Strength	Shall Arrest a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4270.7 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>	7540A14	<b>Part No. Revision</b>			A		
<b>Part Description</b>	BeamLock Anchor, Dual Adjustment, 4" to 14"						
<b>Test Request No.</b>	PC-3227	<b>Date Complete</b>			9/25/2024		

### Test Summary (continued)

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.2.1 Overhead	Dynamic Strength	Shall Arrest a 3' Freefall with 282 Lb Weight	Arrested the Fall
	Max Arrest Force	Information Only	4211.4 lbF
	Gate Separation	≥ 1/8"	Not Applicable
ANSI Z359.18-2017 4.2.2.1 Overhead	Dynamic Strength	Shall Arrest a 3' Freefall with 282 Lb Weight	Arrested the Fall
	Max Arrest Force	Information Only	4193.4 lbF
	Gate Separation	≥ 1/8"	Not Applicable
ANSI Z359.18-2017 4.2.2.1 Overhead	Dynamic Strength	Shall Arrest a 3' Freefall with 282 Lb Weight	Arrested the Fall
	Max Arrest Force	Information Only	4276.2 lbF
	Gate Separation	≥ 1/8"	Not Applicable
ANSI Z359.18-2017 4.2.3.1 Vertical	Residual Dynamic Strength	Secondary Arrest of a 3' Freefall with 282 Lb Weight	Arrested the Fall
	Max Arrest Force	Information Only	4361.9 lbF
	Maintain Load	≥ 1 Minutes	1 Minutes
	Gate Separation	≥ 1/8"	Not Applicable
ANSI Z359.18-2017 4.2.3.1 Vertical	Residual Dynamic Strength	Secondary Arrest of a 3' Freefall with 282 Lb Weight	Arrested the Fall
	Max Arrest Force	Information Only	4492.8 lbF
	Maintain Load	≥ 1 Minutes	1 Minutes
	Gate Separation	≥ 1/8"	Not Applicable
ANSI Z359.18-2017 4.2.3.1 Vertical	Residual Dynamic Strength	Secondary Arrest of a 3' Freefall with 282 Lb Weight	Arrested the Fall
	Max Arrest Force	Information Only	4650.3 lbF
	Maintain Load	≥ 1 Minutes	1 Minutes
	Gate Separation	≥ 1/8"	Not Applicable

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#### Test Summary (continued)

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.3.1 Foot Level	Residual Dynamic Strength	Secondary Arrest of a 3' Freefall with 282 Lb Weight	Arrested the Fall
	Max Arrest Force	Information Only	4978.4 lbf
	Maintain Load	≥ 1 Minutes	1 Minutes
	Gate Separation	≥ 1/8"	Not Applicable
ANSI Z359.18-2017 4.2.3.1 Foot Level	Residual Dynamic Strength	Secondary Arrest of a 3' Freefall with 282 Lb Weight	Arrested the Fall
	Max Arrest Force	Information Only	5089.2 lbf
	Maintain Load	≥ 1 Minutes	1 Minutes
	Gate Separation	≥ 1/8"	Not Applicable
ANSI Z359.18-2017 4.2.3.1 Foot Level	Residual Dynamic Strength	Secondary Arrest of a 3' Freefall with 282 Lb Weight	Arrested the Fall
	Max Arrest Force	Information Only	5068.3 lbf
	Maintain Load	≥ 1 Minutes	1 Minutes
	Gate Separation	≥ 1/8"	Not Applicable
ANSI Z359.18-2017 4.2.3.1 Overhead	Residual Dynamic Strength	Secondary Arrest of a 3' Freefall with 282 Lb Weight	Arrested the Fall
	Max Arrest Force	Information Only	4764.8 lbf
	Maintain Load	≥ 1 Minutes	1 Minutes
	Gate Separation	≥ 1/8"	Not Applicable
ANSI Z359.18-2017 4.2.3.1 Overhead	Residual Dynamic Strength	Secondary Arrest of a 3' Freefall with 282 Lb Weight	Arrested the Fall
	Max Arrest Force	Information Only	4644.5 lbf
	Maintain Load	≥ 1 Minutes	1 Minutes
	Gate Separation	≥ 1/8"	Not Applicable
ANSI Z359.18-2017 4.2.3.1 Overhead	Residual Dynamic Strength	Secondary Arrest of a 3' Freefall with 282 Lb Weight	Arrested the Fall
	Max Arrest Force	Information Only	4732.3 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 7540A14 Rev. A meets the requirements of ANSI Z359.18-2017.

#### Report Signatories and Approval

<b>Lab Quality Manager</b>		<b>Date</b>	9/25/2024
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