

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 #

A0920056

Declaration Date

9/24/2020

Tested Item #

7451AC

Rotating D-Ring Anchor w/Bushing

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-2023

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

9/24/2020



International Accreditation Service, Inc
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FallTech Lab - TL-594
ISO/IEC 17025:2005
Alexander Andrew Inc dba FallTech

FallTech Test Report

Test Report No.	PC-2023	Rpt. Date	9/24/2020	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.18-2017: 4.2.1, 4.2.2, 4.2.3,				
Part No.	7451AC	Part No. Revision	A				
Part Description	Rotating D-Ring Anchor w/Bushing						
Test Request No.	PC-2023	Date Complete	9/23/2020				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
5506954	Rotating D-Ring Anchor w/Bushing
5506960	Rotating D-Ring Anchor w/Bushing
5506956	Rotating D-Ring Anchor w/Bushing
5506962	Rotating D-Ring Anchor w/Bushing
5506947	Rotating D-Ring Anchor w/Bushing
5506958	Rotating D-Ring Anchor w/Bushing
5506980	Rotating D-Ring Anchor w/Bushing
5506969	Rotating D-Ring Anchor w/Bushing
5506953	Rotating D-Ring Anchor w/Bushing

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.1.1 Vertical	Static Strength	≥ 5,000 Lbf	5145.1 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	Static Strength	≥ 5,000 Lbf	5113.7 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 Vertical	Static Strength	≥ 5,000 Lbf	5068 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 Overhead	Static Strength	≥ 5,000 Lbf	5113.4 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 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 4.2.1.1 Horizontal Overhead	Static Strength	≥ 5,000 Lbf	5089.8 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 Overhead	Static Strength	≥ 5,000 Lbf	5067.6 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 Horizontal Foot Level	Static Strength	≥ 5,000 Lbf	5079.2	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 Foot Level	Static Strength	≥ 5,000 Lbf	5075.5 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 Horizontal Foot Level	Static Strength	≥ 5,000 Lbf	5060.4 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 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4526.9 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 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4427.5 lbF	Information
	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 4.2.2.1 Vertical	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4531.9 lbf	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1 Horizontal Overhead	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4663.3 lbf	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1 Horizontal Overhead	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4154.5 lbf	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1 Horizontal Overhead	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4004.8 lbf	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1 Horizontal Foot Level	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4389.7 lbf	Information
	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 4.2.2.1 Horizontal Foot Level	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4230.2 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1 Horizontal Foot Level	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4177.2 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.3.1 Vertical	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5391.7 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	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5428.6 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	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5415.4 lbF	Information
	Maintain Load	≥ 1 Minutes	1 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate



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ANSI Z359.18-2017 4.2.3.1 Horizontal Overhead	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5372.7 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 Overhead	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5149.2 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 Overhead	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5173.4 lbf	Information
	Maintain Load	≥ 1 Minutes	1 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate



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Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.3.1 Horizontal Foot Level	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5133.1 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 Foot Level	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5180.4 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 Foot Level	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5097.7 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 7451AC Rev. A meets the requirements of ANSI Z359.18-2017.

Report Signatories and Approval

Lab Quality Manager		Date	9/24/2020
Witnessed by	Not Required	Date	N/A

