

Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



FALLTECH®

Fall Protection. Precision Engineered.

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

Declaration #

A0119050

Declaration Date

1.8.2021

Tested Item #

7445

Strut 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 performance 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-2076

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

1.8.2021

FallTech Test Report

Test Report No.	PC-2076	Rpt. Date	11/18/2020	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.	7445	Part No. Revision	A				
Part Description	Embedded Strut Anchor						
Test Request No.	PC-2076	Date Complete	11/17/2020				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
SST1	Embedded Strut Anchor
SST2	Embedded Strut Anchor
SST3	Embedded Strut Anchor
SST4	Embedded Strut Anchor
SST5	Embedded Strut Anchor
SST6	Embedded Strut Anchor
DST1	Embedded Strut Anchor
DST2	Embedded Strut Anchor
DST3	Embedded Strut Anchor
DST4	Embedded Strut Anchor
DST5	Embedded Strut Anchor
DST6	Embedded Strut Anchor
RDST1	Embedded Strut Anchor
RDST2	Embedded Strut Anchor
RDST3	Embedded Strut Anchor
RDST4	Embedded Strut Anchor
RDST5	Embedded Strut Anchor
RDST6	Embedded Strut Anchor

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.1.1 Perpendicular	Static Strength	≥ 5,000 Lbf	5055.2 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 Perpendicular	Static Strength	≥ 5,000 Lbf	5106.3 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 Perpendicular	Static Strength	≥ 5,000 Lbf	5075.6 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate



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Part No.	7445	Part No. Revision	A				
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Test Request No.	PC-2076	Date Complete	11/17/2020				

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.1.1 Perpendicular 30° Angle	Static Strength	≥ 5,000 Lbf	5059.3 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 Perpendicular 30° Angle	Static Strength	≥ 5,000 Lbf	5106.8 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 Perpendicular 30° Angle	Static Strength	≥ 5,000 Lbf	5057.3 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 Perpendicular	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4398.2 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1 Perpendicular	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4322.1 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1 Perpendicular	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4300.7 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1 Perpendicular 30° Angle	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4150.8 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate

FallTech Test Report

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Part No.	7445	Part No. Revision	A				
Part Description	Embedded Strut Anchor						
Test Request No.	PC-2076	Date Complete	11/17/2020				

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.2.1 Perpendicular 30° Angle	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4185.8 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1 Perpendicular 30° Angle	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4213.7 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.3.1 Perpendicular	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5342.6 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 Perpendicular	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5257.1 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 Perpendicular	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5217.9 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 Perpendicular 30° Angle	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5035.4 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 Perpendicular 30° Angle	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5065.8 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 Perpendicular 30° Angle	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5104.4 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 7445 Rev. A meets the requirements of ANSI Z359.18-2017.

Report Signatories and Approval

Lab Quality Manager		Date	11/18/2020
Witnessed by	Not Required	Date	N/A