

# 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 #

A0617064a

Declaration Date

6/17/2022

Tested Item #

7446

Removeable Concrete Anchor, 6K

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\*

*\*In addition to ANSI Z359.18 mandated static strength testing to 5,000 lbf, FallTech performed auxiliary static strength testing to 6,000 lbf.*

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-2635

PC-2708

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

10/11/2022



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-2635	<b>Rpt. Date</b>	6/16/2022	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	ANSI Z359.18-2017: 4.2.1, 4.2.2, 4.2.3				
<b>Part No.</b>	7446	<b>Part No. Revision</b>	B				
<b>Part Description</b>	Removeable Concrete Anchor, 5K						
<b>Test Request No.</b>	PC-2635	<b>Date Complete</b>	6/15/2022				
<b>Test Operator(s)</b>	Yesbet Sierra / Jay Sponholz						

### Material/Sample Identification

Sample ID	Description
ZZ0000032	Removeable Concrete Anchor, 5K
ZZ0000064	Removeable Concrete Anchor, 5K
ZZ0000058	Removeable Concrete Anchor, 5K
ZZ0000071	Removeable Concrete Anchor, 5K
ZZ0000042	Removeable Concrete Anchor, 5K
ZZ0000073	Removeable Concrete Anchor, 5K
ZZ0000054	Removeable Concrete Anchor, 5K
ZZ0000062	Removeable Concrete Anchor, 5K
ZZ0000066	Removeable Concrete Anchor, 5K
ZZ0000035	Removeable Concrete Anchor, 5K
ZZ0000075	Removeable Concrete Anchor, 5K
ZZ0000049	Removeable Concrete Anchor, 5K
ZZ0000054	Removeable Concrete Anchor, 5K
ZZ0000062	Removeable Concrete Anchor, 5K
ZZ0000066	Removeable Concrete Anchor, 5K
ZZ0000035	Removeable Concrete Anchor, 5K
ZZ0000075	Removeable Concrete Anchor, 5K
ZZ0000049	Removeable Concrete Anchor, 5K

### Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.18-2017 4.2.1.1 In Line Position	Static Strength	≥ 5,000 Lbf	5077.8 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 Minutes	Pass
	Gate Separation	≥ 1/8"	No Gate	N/A
ANSI Z359.18-2017 4.2.1.1 In Line Position	Static Strength	≥ 5,000 Lbf	5076.8 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 Minutes	Pass
	Gate Separation	≥ 1/8"	No Gate	N/A
ANSI Z359.18-2017 4.2.1.1 In Line Position	Static Strength	≥ 5,000 Lbf	5083.4 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 Minutes	Pass
	Gate Separation	≥ 1/8"	No Gate	N/A

### FallTech Test Report

<b>Test Report No.</b>	PC-2635	<b>Rpt. Date</b>	6/16/2022	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>		ANSI Z359.18-2017: 4.2.1, 4.2.2, 4.2.3			
<b>Part No.</b>	7446	<b>Part No. Revision</b>			B		
<b>Part Description</b>	Removeable Concrete Anchor, 5K						
<b>Test Request No.</b>	PC-2635	<b>Date Complete</b>			6/15/2022		

### Test Summary (continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.18-2017 4.2.1.1 Perpendicular Position	Static Strength	≥ 5,000 Lbf	5077.2 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 Minutes	Pass
	Gate Separation	≥ 1/8"	No Gate	N/A
ANSI Z359.18-2017 4.2.1.1 Perpendicular Position	Static Strength	≥ 5,000 Lbf	5065.7 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 Minutes	Pass
	Gate Separation	≥ 1/8"	No Gate	N/A
ANSI Z359.18-2017 4.2.1.1 Perpendicular Position	Static Strength	≥ 5,000 Lbf	5080.8 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 Minutes	Pass
	Gate Separation	≥ 1/8"	No Gate	N/A
ANSI Z359.18-2017 4.2.2.1 In Line Position	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4339.1 lbF	Information
	Gate Separation	≥ 1/8"	No Gate	N/A
ANSI Z359.18-2017 4.2.2.1 In Line Position	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4149.3 lbF	Information
	Gate Separation	≥ 1/8"	No Gate	N/A
ANSI Z359.18-2017 4.2.2.1 In Line Position	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3773.3 lbF	Information
	Gate Separation	≥ 1/8"	No Gate	N/A

### FallTech Test Report

<b>Test Report No.</b>	PC-2635	<b>Rpt. Date</b>	6/16/2022	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	ANSI Z359.18-2017: 4.2.1, 4.2.2, 4.2.3				
<b>Part No.</b>	7446	<b>Part No. Revision</b>	B				
<b>Part Description</b>	Removeable Concrete Anchor, 5K						
<b>Test Request No.</b>	PC-2635	<b>Date Complete</b>	6/15/2022				

### Test Summary (continued)

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.2.1 Perpendicular Position	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall
	Max Arrest Force	Information Only	4079.4 lbf
	Gate Separation	≥ 1/8"	No Gate
ANSI Z359.18-2017 4.2.2.1 Perpendicular Position	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall
	Max Arrest Force	Information Only	4166.6 lbf
	Gate Separation	≥ 1/8"	No Gate
ANSI Z359.18-2017 4.2.2.1 Perpendicular Position	Dynamic Strength	Shall Arrest a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall
	Max Arrest Force	Information Only	4185.0 lbf
	Gate Separation	≥ 1/8"	No Gate
ANSI Z359.18-2017 4.2.3.1 In Line Position	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall
	Max Arrest Force	Information Only	3342.0 lbf
	Maintain Load	≥ 1 Minutes	1 Minutes
	Gate Separation	≥ 1/8"	No Gate
ANSI Z359.18-2017 4.2.3.1 In Line Position	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall
	Max Arrest Force	Information Only	4756.1 lbf
	Maintain Load	≥ 1 Minutes	1 Minutes
	Gate Separation	≥ 1/8"	No Gate
ANSI Z359.18-2017 4.2.3.1 In Line Position	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall
	Max Arrest Force	Information Only	4669.1 lbf
	Maintain Load	≥ 1 Minutes	1 Minutes
	Gate Separation	≥ 1/8"	No Gate

### FallTech Test Report

<b>Test Report No.</b>	PC-2635	<b>Rpt. Date</b>	6/16/2022	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	ANSI Z359.18-2017: 4.2.1, 4.2.2, 4.2.3				
<b>Part No.</b>	7446	<b>Part No. Revision</b>	B				
<b>Part Description</b>	Removeable Concrete Anchor, 5K						
<b>Test Request No.</b>	PC-2635	<b>Date Complete</b>	6/15/2022				

### Test Summary (continued)

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.3.1 Perpendicular Position	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall
	Max Arrest Force	Information Only	4914.3 lbf
	Maintain Load	≥ 1 Minutes	1 Minutes
	Gate Separation	≥ 1/8"	No Gate
ANSI Z359.18-2017 4.2.3.1 Perpendicular Position	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall
	Max Arrest Force	Information Only	4769.0 lbf
	Maintain Load	≥ 1 Minutes	1 Minutes
	Gate Separation	≥ 1/8"	No Gate
ANSI Z359.18-2017 4.2.3.1 Perpendicular Position	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall
	Max Arrest Force	Information Only	4747.1 lbf
	Maintain Load	≥ 1 Minutes	1 Minutes
	Gate Separation	≥ 1/8"	No Gate

### Conclusion

Based upon the samples provided to the Lab: FallTech P/N 7446 Rev. B meets the requirements of ANSI Z359.18-2017
---

### Report Signatories and Approval

Lab Quality Manager		Date	6/16/2022
---------------------	---	------	-----------

### FallTech Test Report

<b>Test Report No.</b>	PC-2708	<b>Rpt. Date</b>	10/11/2022	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	ANSI Z359.18-2017: 4.2.1				
<b>Part No.</b>	7446	<b>Part No. Revision</b>	C				
<b>Part Description</b>	Removeable Concrete Anchor, 6K						
<b>Test Request No.</b>	PC-2708	<b>Date Complete</b>	10/11/2022				
<b>Test Operator(s)</b>	Yesbet Sierra / Jay Sponholz						

#### Material/Sample Identification

Sample ID	Description
K00000020	Removeable Concrete Anchor, 6K
K00000016	Removeable Concrete Anchor, 6K
K00000019	Removeable Concrete Anchor, 6K
K00000014	Removeable Concrete Anchor, 6K
K00000017	Removeable Concrete Anchor, 6K
K00000018	Removeable Concrete Anchor, 6K

#### Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.18-2017 4.2.1.1 In Line Position	Static Strength	≥ 6,000 Lbf	6093.1 lbF	Pass
	Maintain Load	≥ 1 Minutes	1 Minutes	Pass
	Gate Separation	≥ 1/8"	No Gate	N/A
ANSI Z359.18-2017 4.2.1.1 In Line Position	Static Strength	≥ 6,000 Lbf	6076.8 lbF	Pass
	Maintain Load	≥ 1 Minutes	1 Minutes	Pass
	Gate Separation	≥ 1/8"	No Gate	N/A
ANSI Z359.18-2017 4.2.1.1 In Line Position	Static Strength	≥ 6,000 Lbf	6077.9 lbF	Pass
	Maintain Load	≥ 1 Minutes	1 Minutes	Pass
	Gate Separation	≥ 1/8"	No Gate	N/A
ANSI Z359.18-2017 4.2.1.1 Perpendicular Position	Static Strength	≥ 6,000 Lbf	6089.2 lbF	Pass
	Maintain Load	≥ 1 Minutes	1 Minutes	Pass
	Gate Separation	≥ 1/8"	No Gate	N/A
ANSI Z359.18-2017 4.2.1.1 Perpendicular Position	Static Strength	≥ 6,000 Lbf	6058.9 lbF	Pass
	Maintain Load	≥ 1 Minutes	1 Minutes	Pass
	Gate Separation	≥ 1/8"	No Gate	N/A
ANSI Z359.18-2017 4.2.1.1 Perpendicular Position	Static Strength	≥ 6,000 Lbf	6067.0 lbF	Pass
	Maintain Load	≥ 1 Minutes	1 Minutes	Pass
	Gate Separation	≥ 1/8"	No Gate	N/A

#### Conclusion

Based upon the samples provided to the Lab: FallTech P/N 7446 Rev. C meets the requirements of ANSI Z359.18-2017
---

#### Report Signatories and Approval

Lab Quality Manager		Date	10/11/2022
---------------------	---	------	------------