

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 #

A0224075

Declaration Date

2/24/2025

Tested Item #

7420

Rotating D-ring Roof 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 17025:2017

Level 2: FallTech Lab
Within the Scope of
ISO/IEC Standard 17025:2017

Level 3: Independent 3rd Party Lab
accredited to
ISO/IEC Standard 17025:2017

Supporting
Documentation

PC-3318

PC-3174

PC-3173

Authorized Signature

A handwritten signature in black ink, appearing to read 'Zachary Winters', written over a dashed line.

Name

Zachary Winters

Title

Engineering Manager

Date

2/24/2025



International Accreditation Service, Inc

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FallTech Lab - TL-594

ISO/IEC 17025:2017

Alexander Andrew Inc dba FallTech

FallTech Test Report

Test Report No.	PC-3318	Rpt. Date	12/23/2024	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Zachary Winters	Test Specification(s)		ANSI Z359.18-2017: 4.2.1, 4.2.2, 4.2.3			
Part No.	7420			Part No. Revision		A	
Part Description	Rotating D-Ring Roof Anchor						
Test Request No.	PC-3318			Date Complete		2/21/2025	
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
AQ0486	Rotating D-Ring Roof Anchor
AQ0487	Rotating D-Ring Roof Anchor
AQ0475	Rotating D-Ring Roof Anchor

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.1.1	Static Strength	≥ 5,000 Lbf	5084.3 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	Static Strength	≥ 5,000 Lbf	5136.7 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	Static Strength	≥ 5,000 Lbf	5145.7 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	Dynamic Strength	Shall Arrest a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4790.6 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1	Dynamic Strength	Shall Arrest a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4875.8 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1	Dynamic Strength	Shall Arrest a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4885.0 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate

FallTech Test Report

Test Report No.	PC-3318	Rpt. Date	12/23/2024	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Zachary Winters	Test Specification(s)		ANSI Z359.18-2017: 4.2.1, 4.2.2, 4.2.3			
Part No.	7420			Part No. Revision		A	
Part Description	Rotating D-Ring Roof Anchor						
Test Request No.	PC-3318			Date Complete		2/21/2025	

Test Summary (continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.3.1	Residual Dynamic Strength	Secondary Arrest of a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5367.4 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	Residual Dynamic Strength	Secondary Arrest of a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5020.5 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	Residual Dynamic Strength	Secondary Arrest of a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5088.6 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 7420 Rev. A meets the requirements of ANSI Z359.18-2017 When tested on 3/4" CDX Plywood.

Report Signatories and Approval

Lab Quality Manager		Date	2/21/2025
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FallTech Test Report

Test Report No.	PC-3174	Rpt. Date	12/23/2024	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Zachary Winters	Test Specification(s)		ANSI Z359.18-2017: 4.2.1, 4.2.2, 4.2.3			
Part No.	7420			Part No. Revision		A	
Part Description	Rotating D-Ring Roof Anchor						
Test Request No.	PC-3174			Date Complete		6/12/2024	
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
#1	Rotating D-Ring Roof Anchor
#2	Rotating D-Ring Roof Anchor
#3	Rotating D-Ring Roof Anchor

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.1.1	Static Strength	≥ 5,000 Lbf	5141.4 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	Static Strength	≥ 5,000 Lbf	5132.9 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	Static Strength	≥ 5,000 Lbf	5077.7 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	Dynamic Strength	Shall Arrest a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5184.7 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1	Dynamic Strength	Shall Arrest a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4864.1 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1	Dynamic Strength	Shall Arrest a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5150.1 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate

FallTech Test Report

Test Report No.	PC-3174	Rpt. Date	12/23/2024	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Zachary Winters	Test Specification(s)		ANSI Z359.18-2017: 4.2.1, 4.2.2, 4.2.3			
Part No.	7420			Part No. Revision		A	
Part Description	Rotating D-Ring Roof Anchor						
Test Request No.	PC-3174			Date Complete		6/12/2024	

Test Summary (continued)


Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.3.1	Residual Dynamic Strength	Secondary Arrest of a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5331.6 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	Residual Dynamic Strength	Secondary Arrest of a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5456.2 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	Residual Dynamic Strength	Secondary Arrest of a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5445.3 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 7420 Rev. A meets the requirements of ANSI Z359.18-2017 When tested on 16ga Z-purlin

Report Signatories and Approval

Lab Quality Manager		Date	2/21/2025
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FallTech Test Report

Test Report No.	PC-3173	Rpt. Date	12/23/2024	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Zachary Winters	Test Specification(s)		ANSI Z359.18-2017: 4.2.1, 4.2.2, 4.2.3			
Part No.	7420			Part No. Revision		A	
Part Description	Rotating D-Ring Roof Anchor						
Test Request No.	PC-3173			Date Complete		6/11/2024	
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
#1	Rotating D-Ring Roof Anchor
#2	Rotating D-Ring Roof Anchor
#3	Rotating D-Ring Roof Anchor

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.1.1	Static Strength	≥ 5,000 Lbf	5087.4 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	Static Strength	≥ 5,000 Lbf	5096.3 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	Static Strength	≥ 5,000 Lbf	5106.4 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	Dynamic Strength	Shall Arrest a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5327.9 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1	Dynamic Strength	Shall Arrest a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5590.8 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.1	Dynamic Strength	Shall Arrest a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5592.2 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate

FallTech Test Report

Test Report No.	PC-3173	Rpt. Date	12/23/2024	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Zachary Winters	Test Specification(s)		ANSI Z359.18-2017: 4.2.1, 4.2.2, 4.2.3			
Part No.	7420			Part No. Revision		A	
Part Description	Rotating D-Ring Roof Anchor						
Test Request No.	PC-3173			Date Complete		6/11/2024	

Test Summary (continued)


Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.3.1	Residual Dynamic Strength	Secondary Arrest of a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5991.2 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	Residual Dynamic Strength	Secondary Arrest of a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5892.8 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	Residual Dynamic Strength	Secondary Arrest of a 3' Freefall with 282 Lb Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	5378.2 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 7420 Rev. A meets the requirements of ANSI Z359.18-2017 When tested on 22ga metal decking

Report Signatories and Approval

Lab Quality Manager		Date	2/21/2025
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