

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 # A0719053

Declaration Date 7.1.19

Tested Item # **78218WCSSD 18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel**

Additional Items Conforming Under this Declaration:

78012WCSSC 78012WCSSD 78012WCSTH 78012WCSWE 78218WCSSC 78218WCSTH 78218WCSWE

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 (Steel and Concrete)
OSHA 1926.502 (Wood)**

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-1634 PC-1636 PC-1827 FAL003-19-11-90157-1**

Authorized Signature

Name Mark Sasaki

Title Director of Engineering

Date 1.28.20



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FallTech Lab - TL-594
ISO/IEC 17025:2005
Alexander Andrew Inc dba FallTech

FallTech Test Report

Test Report No.	PC-1634	Rpt. Date	1/17/2020	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.	78218WCSSD	Part No. Revision	A				
Part Description	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel						
Test Request No.	PC-1634	Date Complete	1/16/2020				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
SST1	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel (Tested in Concrete)
SST2	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel (Tested in Concrete)
SST3	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel (Tested in Concrete)
DST1	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel (Tested in Concrete)
DST2	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel (Tested in Concrete)
DST3	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel (Tested in Concrete)
RDS1	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel (Tested in Concrete)
RDS2	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel (Tested in Concrete)
RDS3	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel (Tested in Concrete)



FallTech Test Report

Test Report No.	PC-1634	Rpt. Date	1/17/2020	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.	78218WCSSD	Part No. Revision	A				
Part Description	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel						
Test Request No.	PC-1634	Date Complete	1/16/2020				

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.1.3	Static Strength	≥ 5,000 Lbf	5073.6 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.1.3	Static Strength	≥ 5,000 Lbf	5039.0 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.1.3	Static Strength	≥ 5,000 Lbf	5033.1 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.3	Dynamic Strength	Shall Arrest a 6 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3550.5 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.3	Dynamic Strength	Shall Arrest a 6 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3687.7 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.3	Dynamic Strength	Shall Arrest a 6 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3542.7 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate



FallTech Test Report

Test Report No.	PC-1634	Rpt. Date	1/17/2020	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.	78218WCSSD	Part No. Revision	A				
Part Description	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel						
Test Request No.	PC-1634	Date Complete	1/16/2020				


Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.3.3	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3086.7 lbF	Information
	Maintain Load	≥ 1 Minutes	1 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.3.3	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3048.3 lbF	Information
	Maintain Load	≥ 1 Minutes	1 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.3.3	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3033.7 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 78218WCSSD Rev. A meets the requirements of ANSI Z359.18-2017.

Report Signatories and Approval

Lab Quality Manager		Date	1/17/2020
Witnessed by	Not Required	Date	N/A



FallTech Test Report

Test Report No.	PC-1636	Rpt. Date	7/1/2019	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.	78218CSSD	Part No. Revision	A				
Part Description	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel						
Test Request No.	PC-1636	Date Complete	5/29/2019				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
SST1	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel
SST2	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel
SST3	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel
DST1	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel
DST2	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel
DST3	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel
RDS1	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel
RDS2	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel
RDS3	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel



FallTech Test Report

Test Report No.	PC-1636	Rpt. Date	7/1/2019	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.	78218CSSD	Part No. Revision	A				
Part Description	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel						
Test Request No.	PC-1636	Date Complete	5/29/2019				

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.1.3	Static Strength	≥ 5,000 Lbf	5074.7 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.1.3	Static Strength	≥ 5,000 Lbf	5055.1 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.1.3	Static Strength	≥ 5,000 Lbf	5064.3 lbF	Pass
	Maintain Load	≥ 3 Minutes	3 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.3	Dynamic Strength	Shall Arrest a 6 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4349.7 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.3	Dynamic Strength	Shall Arrest a 6 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4285.1 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.2.3	Dynamic Strength	Shall Arrest a 6 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	4216.3 lbF	Information
	Gate Separation	≥ 1/8"	Not Applicable	No Gate



FallTech Test Report

Test Report No.	PC-1636	Rpt. Date	7/1/2019	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.	78218CSSD	Part No. Revision	A				
Part Description	18" Post Anchor, Swivel D-ring, Wood/Concrete/Steel						
Test Request No.	PC-1636	Date Complete	5/29/2019				


Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.18-2017 4.2.3.3	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3664.0 lbF	Information
	Maintain Load	≥ 1 Minutes	1 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.3.3	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3562.6 lbF	Information
	Maintain Load	≥ 1 Minutes	1 Minutes	Pass
	Gate Separation	≥ 1/8"	Not Applicable	No Gate
ANSI Z359.18-2017 4.2.3.3	Residual Dynamic Strength	Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight	Arrested the Fall	Pass
	Max Arrest Force	Information Only	3564.9 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 78218WCSSD Rev. A meets the requirements of ANSI Z359.18-2017.

Report Signatories and Approval

Lab Quality Manager		Date	7/1/2019
Witnessed by	Not Required	Date	N/A



FallTech Test Report

Test Report No.	PC-1827	Rpt. Date	1/27/2020	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	OSHA 1926.502: (d)(15)(i)				
Part No.	78218WCSSD	Part No. Revision	A				
Part Description	18" Post Anchor, Swivel D-ring Wood/Concrete/Steel						
Test Request No.	PC-1827	Date Complete	1/27/2020				
Test Operator(s)	Yesbet Sierra, Jay Sponholz						

Material/Sample Identification

Sample ID	Description
SST1	18" Post Anchor, Swivel D-ring Wood/Concrete/Steel (tested in wood)


Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
OSHA 1926.502 (d)(15)(i)	Static Strength	3600 Lbf. ≥ 1 Minute	3638.1 Lbf.	Pass
	Static Strength	Withstand 3600 lb Load without breaking	No Breaking	Pass

Conclusion

Based upon the samples provided to the Lab: FallTech P/N 78218WCSSD Rev. A meets the requirements of: OSHA 1926.502 (d)(15)(i).
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Report Signatories and Approval

Lab Quality Manager		Date	1/27/2020
Witnessed by	Not Required	Date	N/A



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TEST CERTIFICATE — EAR-CONTROLLED DATA

P.O. No.: 16833
 Report No.: FAL003-19-11-90157-1
 Date Received: 11/6/2019
 Report Date: 11/6/2019

Report Delivered Via: dredden@falltech.com
 Attachments: None

Work Requested: Salt Spray test per ANSI Z359.18
 Part Description: Post Anchor- Type D

Salt Spray Results

Test Method	ASTM B117-18
Duration (hrs)	48
Specification	ANSI 2359.18-2017
Testing Note	48 hour salt spray with a one hour drying period after the first 24 hours.

Specimen	Observations
Post Anchor- Type D	The specimen displayed no red rust.

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Respectfully submitted

Danielle Troia
 Technical Coordinator
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