

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 #

B0930212a

Declaration Date

5/13/2025

Tested Item #

19104DSM

FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB
Legs/QC Chest

Additional Items Conforming Under this Declaration:

19104DXS	1910FDXS	1910FD2X3X	19103DLX	1910SM	1910FXS	1910F2X3X	1910F3DLX
19104DLX	1910FDSM	19103DXS	19103D2X3X	1910LX	1910FSM	1910F3DXS	1910F3D2X3X
19104D2X3X	1910FDLX	19103DSM	1910XS	19102X3X	1910FLX	1910F3DSM	

Alexander Andrew, Inc. declares that the product(s) listed above is in conformity with
the requirements of the following product standard(s):

ANSI Z359.11-2021

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-3233

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

5/13/2025



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FallTech Lab - TL-594
ISO/IEC 17025:2017
Alexander Andrew Inc dba FallTech

FallTech Test Report

Test Report No.	PC-3233	Rpt. Date	9/30/2024	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Zachary Winters	Test Specification(s)		ANSI Z359.11-2021: 4.3.3, 4.3.4, 4.3.5, 4.3.6			
Part No.	19104DSM			Part No. Revision		A	
Part Description	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest						
Test Request No.	PC-3233			Date Complete		9/27/2024	
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
8114831	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest
8114849	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest
8114836	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest
8114845	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest
8114848	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest
8114832	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest
8114835	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest
8114841	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest
8114850	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest
8114840	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest
8114833	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest
8114834	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest
8114852	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest
8114844	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest
8114838	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest
8114842	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest
8114846	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest
8114847	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.11-2021 4.3.5 (Dorsal D-ring)	Static Strength	3600 Lbf $\geq$ 1 Minute	3626.4 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear > 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass
ANSI Z359.11-2021 4.3.5 (Dorsal D-ring)	Static Strength	3600 Lbf $\geq$ 1 Minute	3634.9 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear > 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass
ANSI Z359.11-2021 4.3.5 (Dorsal D-ring)	Static Strength	3600 Lbf $\geq$ 1 Minute	3637.0 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear > 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass

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Part No.	19104DSM			Part No. Revision		A	
Part Description	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest						
Test Request No.	PC-3233			Date Complete		9/27/2024	

Test Summary Continued

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.11-2021 4.3.5 (Sternal D-ring)	Static Strength	3600 Lbf $\geq$ 1 Minute	3630.6 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear > 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass
ANSI Z359.11-2021 4.3.5 (Sternal D-ring)	Static Strength	3600 Lbf $\geq$ 1 Minute	3642.8 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear > 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass
ANSI Z359.11-2021 4.3.5 (Sternal D-ring)	Static Strength	3600 Lbf $\geq$ 1 Minute	3640.1 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear > 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass
ANSI Z359.11-2021 4.3.5 (Side D-rings)	Static Strength	3600 Lbf $\geq$ 1 Minute	3659.5 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear > 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass
ANSI Z359.11-2021 4.3.5 (Side D-rings)	Static Strength	3600 Lbf $\geq$ 1 Minute	3645.0 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear > 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass
ANSI Z359.11-2021 4.3.5 (Side D-rings)	Static Strength	3600 Lbf $\geq$ 1 Minute	3668.2 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear > 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass

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Part No.	19104DSM			Part No. Revision		A	
Part Description	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest						
Test Request No.	PC-3233			Date Complete		9/27/2024	

Test Summary Continued

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.11-2021 4.3.3	Dynamic Performance	Peak Impact Load	4079.9 Lbf	Pass
	Dorsal D-ring (Feet First)	≥ 3600 Lbf		
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq 30^\circ$	2.2°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
ANSI Z359.11-2021 4.3.3	Harness Stretch	Shall Not Exceed 18"	12.2"	Pass
	Dynamic Performance	Peak Impact Load	4155.3 Lbf	Pass
	Dorsal D-ring (Feet First)	≥ 3600 Lbf		
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq 30^\circ$	4.2°	Pass
ANSI Z359.11-2021 4.3.3	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	12.4"	Pass
	Dynamic Performance	Peak Impact Load	4267.8 Lbf	Pass
	Dorsal D-ring (Feet First)	≥ 3600 Lbf		
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
ANSI Z359.11-2021 4.3.4	Post Drop Angle	Angle at Rest $\leq 30^\circ$	6.2°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	13.5"	Pass
	Dynamic Performance	Peak Impact $\geq 3,600$ Lbf	72" Free fall	Pass
	Dorsal D-ring (Head First)	or 72" Free Fall	2522.2 Lbf	
ANSI Z359.11-2021 4.3.4	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq 30^\circ$	8.4°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Dynamic Performance	Peak Impact $\geq 3,600$ Lbf	72" Free fall	Pass
	Dorsal D-ring (Head First)	or 72" Free Fall	2379.0 Lbf	
ANSI Z359.11-2021 4.3.4	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq 30^\circ$	12.7°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Dynamic Performance	Peak Impact $\geq 3,600$ Lbf	72" Free fall	Pass
	Dorsal D-ring (Head First)	or 72" Free Fall	2389.8 Lbf	
ANSI Z359.11-2021 4.3.4	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq 30^\circ$	1.3°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass

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Part No.	19104DSM			Part No. Revision		A	
Part Description	FT-1910 FBH 4D Climbing Non-Belted, Small/Medium, TB Legs/QC Chest						
Test Request No.	PC-3233			Date Complete		9/27/2024	

Test Summary Continued

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.11-2021 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	3966.5 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq 50^\circ$	29.8°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	10.2"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	3580.0 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq 50^\circ$	27.2°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	11.7"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	3891.6 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq 50^\circ$	29.0°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	11.0"	Pass
ANSI Z359.11-2021 4.3.6	Fall Arrest Indicator Test (Doral D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2021 4.3.6	Fall Arrest Indicator Test (Doral D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2021 4.3.6	Fall Arrest Indicator Test (Doral D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2021 4.3.6	Fall Arrest Indicator Test (Sternal D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2021 4.3.6	Fall Arrest Indicator Test (Sternal D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2021 4.3.6	Fall Arrest Indicator Test (Sternal D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass

Conclusion

Based upon the samples provided to the Lab:

FallTech P/N 19104DSM Rev. A meets the requirements of ANSI Z359.11-2021

Report Signatories and Approval

Lab Quality Manager		Date	9/30/2024
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