

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 #

B0930212

Declaration Date

9/30/2024

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

19104DLX 1910FDSM 19103DXS 19103D2X3X 1910LX

19104D2X3X 1910FDLX 19103DSM 1910XS 19102X3X

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

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 of Zachary Winters in black ink, placed over a dashed line.

Name

Zachary Winters

Title

Engineering Manager

Date

9/30/2024



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

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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Report Prepared For	FallTech						
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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

FallTech Test Report

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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 Summary Continued

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