

# 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 #

B0612196

Declaration Date

6/12/2023

Tested Item #

7010BSM

Tradesman+ 3D Standard Non-belted FBH, QC  
Chest/TB Legs, Dual-size Small/Med

#### Additional Items Conforming Under this Declaration:

7010B2X	7010BXS	7008BE	7008BX/2X
7010B3X	7008B2X	7008BLX	7008BXS
7010BLX	7008B3X	7008BSM	

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-2856

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

6/12/2023



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FallTech Lab - TL-594  
ISO/IEC 17025:2017

Alexander Andrew Inc dba FallTech

### FallTech Test Report

<b>Test Report No.</b>	PC-2856	<b>Rpt. Date</b>	6/9/2023	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Zachary Winters	<b>Test Specification(s)</b>		ANSI Z359.11-2021: 4.3.3, 4.3.4, 4.3.5, 4.3.6			
<b>Part No.</b>	7010BSM	<b>Part No. Revision</b>			D		
<b>Part Description</b>	Tradesman+ 3D Standard Non-belted FBH, QC Chest/TB Legs Dual-size Small/Med						
<b>Test Request No.</b>	PC-2856	<b>Date Complete</b>			6/9/2023		
<b>Test Operator(s)</b>	Yesbet Sierra / Jay Sponholz						

### Material/Sample Identification

Sample ID	Description
7097488	Tradesman+ 3D Standard Non-belted FBH, QC Chest/TB Legs Dual-size Small/Med
7097503	Tradesman+ 3D Standard Non-belted FBH, QC Chest/TB Legs Dual-size Small/Med
7097501	Tradesman+ 3D Standard Non-belted FBH, QC Chest/TB Legs Dual-size Small/Med
7097490	Tradesman+ 3D Standard Non-belted FBH, QC Chest/TB Legs Dual-size Small/Med
7097504	Tradesman+ 3D Standard Non-belted FBH, QC Chest/TB Legs Dual-size Small/Med
7097489	Tradesman+ 3D Standard Non-belted FBH, QC Chest/TB Legs Dual-size Small/Med
7097499	Tradesman+ 3D Standard Non-belted FBH, QC Chest/TB Legs Dual-size Small/Med
7097461	Tradesman+ 3D Standard Non-belted FBH, QC Chest/TB Legs Dual-size Small/Med
7097466	Tradesman+ 3D Standard Non-belted FBH, QC Chest/TB Legs Dual-size Small/Med
7097500	Tradesman+ 3D Standard Non-belted FBH, QC Chest/TB Legs Dual-size Small/Med
7097506	Tradesman+ 3D Standard Non-belted FBH, QC Chest/TB Legs Dual-size Small/Med
7097502	Tradesman+ 3D Standard Non-belted FBH, QC Chest/TB Legs Dual-size Small/Med
7097489	Tradesman+ 3D Standard Non-belted FBH, QC Chest/TB Legs Dual-size Small/Med
7097504	Tradesman+ 3D Standard Non-belted FBH, QC Chest/TB Legs Dual-size Small/Med
7097490	Tradesman+ 3D Standard Non-belted FBH, QC Chest/TB Legs Dual-size Small/Med

### Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.11-2021 4.3.5	Static Strength (Dorsal D-ring)	3600 Lbf $\geq$ 1 Minute	3634.3 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	Static Strength (Dorsal D-ring)	3600 Lbf $\geq$ 1 Minute	3639.0 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	Static Strength (Dorsal D-ring)	3600 Lbf $\geq$ 1 Minute	3647.0 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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<b>Part No.</b>	7010BSM	<b>Part No. Revision</b>			D		
<b>Part Description</b>	Tradesman+ 3D Standard Non-belted FBH, QC Chest/TB Legs Dual-size Small/Med						
<b>Test Request No.</b>	PC-2856	<b>Date Complete</b>			6/9/2023		

### Test Summary Continued

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.11-2021 4.3.5	Static Strength (Side D-rings)	3600 Lbf $\geq$ 1 Minute	3651.5 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	Static Strength (Side D-rings)	3600 Lbf $\geq$ 1 Minute	3672.2 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
ANSI Z359.11-2021 4.3.5	Static Strength (Side D-rings)	3600 Lbf $\geq$ 1 Minute	3663.2 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
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $\geq$ 3600 Lbf	5346.0 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	2.7°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	8.8"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $\geq$ 3600 Lbf	5011.9 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	1.6°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	9.8"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $\geq$ 3600 Lbf	4698.7 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	3.6°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	9.6"	Pass

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<b>Test Request No.</b>	PC-2856	<b>Date Complete</b>			6/9/2023		

### Test Summary Continued

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.11-2021 4.3.4	Dynamic Performance Dorsal D-ring (Head First)	Peak Impact $\geq$ 3,600 Lbf or 72" Free Fall	72" Free fall 2933.9 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	1.7°	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 Lbf or 72" Free Fall	72" Free fall 2975.1 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	4.9°	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 Lbf or 72" Free Fall	72" Free fall 3533.3 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	6.4°	Pass
	Impact Indicator	One Indicator Shall Deploy	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 (Doral 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 7010BSM Rev. D meets the requirements of ANSI Z359.11-2021

### Report Signatories and Approval

<b>Lab Quality Manager</b>		<b>Date</b>	6/9/2023
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