

# 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 #

BC1020145b

Declaration Date

10/14/2021

Tested Item #

8144QCSM

FT-Iron FBH 3D Construction Belted, Dual Size S/M, QC  
Legs and Chest

Additional Items Conforming Under this Declaration:

8144QCXS SC8144QCXS SC8144QC2X3X 8144BQCLXL

8144QCLXL SC8144QCSM 8144BQCXS 8144BQC2X3X

8144QC2X3X SC8144QCLXL 8144BQCSM

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

CSA Z259.10-2018

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-2383

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

2/22/2024



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

<b>Test Report No.</b>	PC-2383	<b>Rpt. Date</b>	9/23/2021	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	CSA Z259.10-18: 6.2.2.1, 6.2.2.5, 6.2.6				
<b>Part No.</b>	8144QCSM	<b>Part No. Revision</b>	A				
<b>Part Description</b>	FT-Iron Fit FBH 3D Construction Belted, Dual Size S/M, QC Legs and QC Chest						
<b>Test Request No.</b>	PC-2383	<b>Date Complete</b>	9/22/2021				
<b>Test Operator(s)</b>	Yesbet Sierra / Jay Sponholz						

### Material/Sample Identification

Sample ID	Description
6037258	FT-Iron Fit FBH 3D Construction Belted, Dual Size S/M, QC Legs and QC Chest
6037257	FT-Iron Fit FBH 3D Construction Belted, Dual Size S/M, QC Legs and QC Chest
6037268	FT-Iron Fit FBH 3D Construction Belted, Dual Size S/M, QC Legs and QC Chest
6037280	FT-Iron Fit FBH 3D Construction Belted, Dual Size S/M, QC Legs and QC Chest

### Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail	
CSA Z259.10-18 6.2.2.1.1	Drop Test Class A Dorsal D-ring (Feet First)	Peak Impact $\geq$ 3,600 Lbf or 39.4" Free Fall	4718.1 lbs. Fall Height 30"	Pass
	Drop Test Class A Dorsal D-ring (Feet First)	Test Mass Remain Suspended for: $\geq$ 2 Minutes	2 Minutes	Pass
	Drop Test Class A Dorsal D-ring (Feet First)	All Connectors remain connected	All Connected	Pass
	Drop Test Class A Dorsal D-ring (Feet First)	Angle at Rest = $\leq$ 30°	3.4°	Pass
	Drop Test Class A Dorsal D-ring (Feet First)	Activate Fall Arrest Indicator	Visibly and Permanently Deployed	Pass
	Drop Test Class A Dorsal D-ring (Feet First)	Harness Stretch $\leq$ Manufactures Stated Value (18")	10.7"	Pass
CSA Z259.10-18 6.2.2.1.2	Drop Test Class A Dorsal D-ring (Head First)	Peak Impact $\geq$ 3,600 Lbf or 39.4" Free Fall	3185.1 lbs. Fall Height 39.4"	Pass
	Drop Test Class A Dorsal D-ring (Head First)	Test Mass Remain Suspended for: $\geq$ 2 Minutes	2 Minutes	Pass
	Drop Test Class A Dorsal D-ring (Head First)	All Connectors remain connected	All Connected	Pass
	Drop Test Class A Dorsal D-ring (Head First)	Activate Fall Arrest Indicator	Visibly and Permanently Deployed	Pass



### FallTech Test Report

<b>Test Report No.</b>	PC-2383	<b>Rpt. Date</b>	9/23/2021	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	CSA Z259.10-18: 6.2.2.1, 6.2.2.5, 6.2.6				
<b>Part No.</b>	8144QCSM	<b>Part No. Revision</b>	A				
<b>Part Description</b>	FT-Iron Fit FBH 3D Construction Belted, Dual Size S/M, QC Legs and QC Chest						
<b>Test Request No.</b>	PC-2383	<b>Date Complete</b>	9/22/2021				


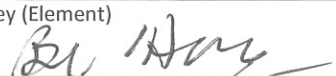
#### Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
CSA Z259.10-18 6.2.2.5	Drop Test Class P Positioning Connectors	Peak Impact $\geq$ 3,600 Lbf or 39.4" Free Fall	4723.4 lbs. Fall Height 39.4"	Pass
	Drop Test Class P Positioning Connectors	Test Mass Remain Suspended for: $\geq$ 2 Minutes	2 Minutes	Pass
	Drop Test Class P Positioning Connectors	All Connectors remain connected	All Connected	Pass
CSA Z259.10-18 6.2.6	Fall Arrest Indicator Static	Load to 900 lbs. or Indicator deploys Whichever occurs first	873.4 lbs.	Pass
	Fall Arrest Indicator Static	Verify Fall Arrest Indicator has activated	Visibly and Permanently Deployed	Pass

#### Conclusion

Based upon the samples provided to the Lab:  
 FallTech P/N 8144QCSM Rev. A meets the requirements of CSA Z259.10-18

#### Report Signatories and Approval

Lab Quality Manager		Date	9/23/2021
Witnessed by	Bob Howey (Element) 	Date	10-1-21