

# 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 #

BC1013167a

Declaration Date

10/13/2021

Tested Item #

8144FDM

FT-Iron FBH 3D+FD Construction Climbing, Medium, TB  
Legs/QC Chest

Additional Items Conforming Under this Declaration:

8144FDXS	8144FDXL	8144XS	81442X3X	8144BLXL	SC8144SM
8144FDS	8144FD2X	8144SM	8144BXS	8144B2X3X	SC8144LXL
8144FDL	8144FD3X	8144LXL	8144BSM	SC8144XS	SC81442X3X

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

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-2382

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

11/30/2023



International Accreditation Service, Inc  
3060 Saturn St, Ste 100  
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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-2382	<b>Rpt. Date</b>	9/30/2021	<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, 6.2.2.4, 6.2.2.5, 6.2.6				
<b>Part No.</b>	8144FDM	<b>Part No. Revision</b>	A				
<b>Part Description</b>	FT-Iron FBH 3D+FD Construction Climbing, Medium, TB Legs/QC Chest						
<b>Test Request No.</b>	PC-2382	<b>Date Complete</b>	9/29/2021				
<b>Test Operator(s)</b>	Yesbet Sierra / Jay Sponholz						

### Material/Sample Identification

Sample ID	Description
DPTFF1	FT-Iron FBH 3D+FD Construction Climbing, Medium, TB Legs/QC Chest
DPTHF1	FT-Iron FBH 3D+FD Construction Climbing, Medium, TB Legs/QC Chest
DPTLC1	FT-Iron FBH 3D+FD Construction Climbing, Medium, TB Legs/QC Chest
DPTWP1	FT-Iron FBH 3D+FD Construction Climbing, Medium, TB Legs/QC Chest
SSTII1	FT-Iron FBH 3D+FD Construction Climbing, Medium, TB Legs/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	3970.2 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°	4.4°	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")	11.4"	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	2024.3 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

Test Report No.	PC-2382	Rpt. Date	9/30/2021	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	CSA Z259.10-18: 6.2.2.1, 6.2.2.4, 6.2.2.5, 6.2.6				
Part No.	8144FDM	Part No. Revision	A				
Part Description	FT-Iron FBH 3D+FD Construction Climbing, Medium, TB Legs/QC Chest						
Test Request No.	PC-2382	Date Complete	9/29/2021				


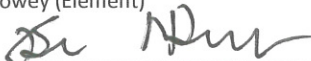
### Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail
CSA Z259.10-18 6.2.2.4	Drop Test Class L Ladder Climbing	Peak Impact $\geq$ 3,600 Lbf or 39.4" Free Fall 2930.2 lbs. Fall Height 39.4"	Pass
	Drop Test Class L Ladder Climbing	Test Mass Remain Suspended for: $\geq$ 2 Minutes 2 Minutes	Pass
	Drop Test Class L Ladder Climbing	All Connectors remain connected All Connected	Pass
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 5259.6 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 900.1 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 8144FDM Rev. A meets the requirements of CSA Z259.10-18

### Report Signatories and Approval

Lab Quality Manager		Date	9/30/2021
Witnessed by	Bob Howey (Element) 	Date	10-7-21