

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 # BC1013166b

Declaration Date 10/13/2021

Tested Item # **8143BFDM FT-Iron FBH 1D+FD Climbing Non-Belted, Medium, TB Legs/QC Chest, Large Pad**

Additional Items Conforming Under this Declaration:

8143BFDXS	8143BFDXL	8143BXS	8143B2X3X	8143LXL	8143FDS	8143FDXL
8143BFDS	8143BFD2X	8143BSM	8143XS	81432X3X	8143FDM	8143FD2X
8143BFDL	8143BFD3X	8143BLXL	8143SM	8143FDXS	8143FDL	8143FD3X
8143FDSM	8143FDLXL					

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-2381**

Authorized Signature

Name Zachary Winters

Title Engineering Manager

Date 7/20/2023



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

FallTech Test Report

Test Report No.	PC-2381	Rpt. Date	9/24/2021	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, 6.2.6				
Part No.	8143BFDM	Part No. Revision	A				
Part Description	FT-Iron FBH 1D+FD Climbing Non-Belted, Medium, TB Legs/QC Chest						
Test Request No.	PC-2381	Date Complete	9/23/2021				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
DPTFF1	FT-Iron FBH 1D+FD Climbing Non-Belted, Medium, TB Legs/QC Chest
DPTHF1	FT-Iron FBH 1D+FD Climbing Non-Belted, Medium, TB Legs/QC Chest
DPTLC1	FT-Iron FBH 1D+FD Climbing Non-Belted, Medium, TB Legs/QC Chest
SSTII1	FT-Iron FBH 1D+FD Climbing Non-Belted, 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	4628.6 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°	4.2°	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")	11.2"	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	2338.2 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-2381	Rpt. Date	9/24/2021	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, 6.2.6				
Part No.	8143BFDM	Part No. Revision	A				
Part Description	FT-Iron FBH 1D+FD Climbing Non-Belted, Medium, TB Legs/QC Chest						
Test Request No.	PC-2381	Date Complete	9/23/2021				



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	2852.1 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 6.2.6	Fall Arrest Indicator Static	Load to 900 lbs. or Indicator deploys Whichever occurs first	781.4 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 8143BFDM Rev. A meets the requirements of CSA Z259.10-18

Report Signatories and Approval

Lab Quality Manager		Date	9/24/2021
Witnessed by	Bob Howey (Element) 	Date	10-1-21

