

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 #

BC1020144a

Declaration Date

6/6/2025

Tested Item #

8142QCSM

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

Additional Items Conforming Under this Declaration:

8142QCXS 8142FDQCXS 8142FDQCL 8142FDQC3X

8142QCLXL 8142FDQCS 8142FDQCXL

8142QC2X3X 8142FDQCM 8142FDQC2X

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 17025:2017

Level 2: FallTech Lab
Within the Scope of
ISO/IEC Standard 17025:2017

Level 3: Independent 3rd Party Lab
accredited to
ISO/IEC Standard 17025:2017

Supporting
Documentation

PC-2380

Authorized Signature

A handwritten signature in black ink, appearing to read 'Zachary Winters', written over a dashed line.

Name

Zachary Winters

Title

Engineering Manager

Date

6/6/2025



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

Alexander Andrew Inc dba FallTech

FallTech Test Report

Test Report No.	PC-2380	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, 6.2.2.5, 6.2.6			
Part No.	8142QCSM			Part No. Revision		B	
Part Description	FT-Iron FBH 3D Standard Non-Belted, Dual Size S/M, QC Legs and QC Chest						
Test Request No.	PC-2380			Date Complete		9/29/2021	
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
DPTFF1	FT-Iron FBH 3D Standard Non-Belted, Dual Size S/M, QC Legs and QC Chest
DPTHF1	FT-Iron FBH 3D Standard Non-Belted, Dual Size S/M, QC Legs and QC Chest
DPTWP1	FT-Iron FBH 3D Standard Non-Belted, Dual Size S/M, QC Legs and QC Chest
SSTII1	FT-Iron FBH 3D Standard Non-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	4716.5 lbs. Fall Height 30"
	Drop Test Class A Dorsal D-ring (Feet First)	Test Mass Remain Suspended for: ≥ 2 Minutes	2 Minutes
	Drop Test Class A Dorsal D-ring (Feet First)	All Connectors remain connected	All Connected
	Drop Test Class A Dorsal D-ring (Feet First)	Angle at Rest = $\leq 30^\circ$	3.9°
	Drop Test Class A Dorsal D-ring (Feet First)	Activate Fall Arrest Indicator	Visibly and Permanently Deployed
	Drop Test Class A Dorsal D-ring (Feet First)	Harness Stretch \leq Manufactures Stated Value (18")	10.4"
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	2709.4 lbs. Fall Height 39.4"
	Drop Test Class A Dorsal D-ring (Head First)	Test Mass Remain Suspended for: ≥ 2 Minutes	2 Minutes
	Drop Test Class A Dorsal D-ring (Head First)	All Connectors remain connected	All Connected
	Drop Test Class A Dorsal D-ring (Head First)	Activate Fall Arrest Indicator	Visibly and Permanently Deployed

FallTech Test Report

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Initiated By	Dan Redden	Test Specification(s)		CSA Z259.10-18: 6.2.2.1, 6.2.2.5, 6.2.6			
Part No.	8142QCSM			Part No. Revision		B	
Part Description	FT-Iron FBH 3D Standard Non-Belted, Dual Size S/M, QC Legs and QC Chest						
Test Request No.	PC-2380			Date Complete		9/29/2021	



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	4523.0 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	791.4 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 8142QCSM Rev. B 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	10-1-21