

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 #

BC1020143

Declaration Date

10/11/2021

Tested Item #

8142SM

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

Additional Items Conforming Under this Declaration:

8142XS

8142LXL

81422X3X

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-2379

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

10/11/2021



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

Test Report No.	PC-2379	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, 6.2.2.5, 6.2.6				
Part No.	8142SM	Part No. Revision	B				
Part Description	FT-Iron FBH 3D Standard Non-Belted, Dual Size S/M, TB Legs/QC Chest						
Test Request No.	PC-2379	Date Complete	9/23/2021				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
6044646	FT-Iron FBH 3D Standard Non-Belted, Dual Size S/M, TB Legs/QC Chest
6044643	FT-Iron FBH 3D Standard Non-Belted, Dual Size S/M, TB Legs/QC Chest
6044644	FT-Iron FBH 3D Standard Non-Belted, Dual Size S/M, TB Legs/QC Chest
SSTII1	FT-Iron FBH 3D Standard Non-Belted, Dual Size S/M, 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	4730.6 lbs. Fall Height 39.4"	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°	3.8°	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")	10.3"	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	1887.5 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

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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.	8142SM	Part No. Revision	B				
Part Description	FT-Iron FBH 3D Standard Non-Belted, Dual Size S/M, TB Legs/QC Chest						
Test Request No.	PC-2379	Date Complete	9/23/2021				



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	3856.7 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	730.6 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 8142SM Rev. B 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

