

# 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

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

Name

Zachary Winters

Title

Engineering Manager

Date

6/6/2025



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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-2380   | <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, 6.2.2.5, 6.2.6 |                 |  |                 |  |
| <b>Part No.</b>            | 8142QCSM  | <b>Part No. Revision</b>     | B                                       |                 |  |                 |  |
| <b>Part Description</b>    | FT-Iron FBH 3D Standard Non-Belted, Dual Size S/M, QC Legs and QC Chest |                              |   |                 |  |                 |  |
| <b>Test Request No.</b>    | PC-2380   | <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 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<br>6.2.2.1.1 | Drop Test Class A<br>Dorsal D-ring (Feet First) | Peak Impact $\geq$ 3,600 Lbf<br>or 39.4" Free Fall           | 4716.5 lbs.<br>Fall Height 30"      | Pass |
|                             | Drop Test Class A<br>Dorsal D-ring (Feet First) | Test Mass Remain<br>Suspended for:<br>$\geq$ 2 Minutes       | 2 Minutes                           | Pass |
|                             | Drop Test Class A<br>Dorsal D-ring (Feet First) | All Connectors remain<br>connected                           | All Connected                       | Pass |
|                             | Drop Test Class A<br>Dorsal D-ring (Feet First) | Angle at Rest =<br>$\leq$ 30°                                | 3.9°                                | Pass |
|                             | Drop Test Class A<br>Dorsal D-ring (Feet First) | Activate Fall Arrest Indicator                               | Visibly and Permanently<br>Deployed | Pass |
|                             | Drop Test Class A<br>Dorsal D-ring (Feet First) | Harness Stretch $\leq$<br>Manufactures Stated Value<br>(18") | 10.4"                               | Pass |
| CSA Z259.10-18<br>6.2.2.1.2 | Drop Test Class A<br>Dorsal D-ring (Head First) | Peak Impact $\geq$ 3,600 Lbf<br>or 39.4" Free Fall           | 2709.4 lbs.<br>Fall Height 39.4"    | Pass |
|                             | Drop Test Class A<br>Dorsal D-ring (Head First) | Test Mass Remain<br>Suspended for:<br>$\geq$ 2 Minutes       | 2 Minutes                           | Pass |
|                             | Drop Test Class A<br>Dorsal D-ring (Head First) | All Connectors remain<br>connected                           | All Connected                       | Pass |
|                             | Drop Test Class A<br>Dorsal D-ring (Head First) | Activate Fall Arrest Indicator                               | Visibly and Permanently<br>Deployed | Pass |

### 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 Summary (Continued)

| Test Specification        | Test Criteria                            | Test Result   | Pass/Fail                                |
|---------------------------|--|---|--|
| CSA Z259.10-18<br>6.2.2.5 | Drop Test Class P Positioning Connectors | Peak Impact $\geq$ 3,600 Lbf or 39.4" Free Fall                 | 4523.0 lbs.<br>Fall Height 39.4"<br>Pass |
|                           | Drop Test Class P Positioning Connectors | Test Mass Remain Suspended for: $\geq$ 2 Minutes                | 2 Minutes<br>Pass                        |
|                           | Drop Test Class P Positioning Connectors | All Connectors remain connected                                 | All Connected<br>Pass                    |
| CSA Z259.10-18<br>6.2.6   | Fall Arrest Indicator Static             | Load to 900 lbs. or Indicator deploys<br>Whichever occurs first | 791.4 lbs.<br>Pass                       |
|                           | Fall Arrest Indicator Static             | Verify Fall Arrest Indicator has activated                      | Visibly and Permanently Deployed<br>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)<br> | Date | 10-1-21   |