

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 #

B0401174c

Declaration Date

4/1/2022

Tested Item #

7078CLX

Tradesman Pro 3D Construction Belted FBH,
Large/XLarge, TB Legs/QC Chest

Additional Items Conforming Under this Declaration:

7078CSM SC7078CLX

7078C2X3X SC7078C2X3X

SC7078CSM 7078CXS

Alexander Andrew, Inc. declares that the product(s) listed above is in conformity with the requirements of the following product standard(s):

ANSI Z359.11-2021

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-2537

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

4/30/2024



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-2537 | Rpt. Date | 4/1/2022 | Rpt. Rev | | Rev Date | |
| Report Prepared For | FallTech | | | | | | |
| Initiated By | Dan Redden | Test Specification(s) | ANSI Z359.11-2021: 4.3.3, 4.3.4, 4.3.5, 4.3.6 | | | | |
| Part No. | 7078CLX | Part No. Revision | A | | | | |
| Part Description | Tradesman Pro 3D Construction Belted FBH, Large/Xlarge, TB Legs/QC Chest | | | | | | |
| Test Request No. | PC-2537 | Date Complete | 3/30/2022 | | | | |
| Test Operator(s) | Yesbet Sierra / Jay Sponholz | | | | | | |

Material/Sample Identification

| Sample ID | Description |
|-----------|--|
| 6342463 | Tradesman Pro 3D Construction Belted FBH, Large/Xlarge, TB Legs/QC Chest |
| 6342475 | Tradesman Pro 3D Construction Belted FBH, Large/Xlarge, TB Legs/QC Chest |
| 6342474 | Tradesman Pro 3D Construction Belted FBH, Large/Xlarge, TB Legs/QC Chest |
| 6342467 | Tradesman Pro 3D Construction Belted FBH, Large/Xlarge, TB Legs/QC Chest |
| 6342469 | Tradesman Pro 3D Construction Belted FBH, Large/Xlarge, TB Legs/QC Chest |
| 6342479 | Tradesman Pro 3D Construction Belted FBH, Large/Xlarge, TB Legs/QC Chest |
| 6342476 | Tradesman Pro 3D Construction Belted FBH, Large/Xlarge, TB Legs/QC Chest |
| 6342477 | Tradesman Pro 3D Construction Belted FBH, Large/Xlarge, TB Legs/QC Chest |
| 6342471 | Tradesman Pro 3D Construction Belted FBH, Large/Xlarge, TB Legs/QC Chest |
| 6342462 | Tradesman Pro 3D Construction Belted FBH, Large/Xlarge, TB Legs/QC Chest |
| 6342465 | Tradesman Pro 3D Construction Belted FBH, Large/Xlarge, TB Legs/QC Chest |
| 6342464 | Tradesman Pro 3D Construction Belted FBH, Large/Xlarge, TB Legs/QC Chest |
| 6342473 | Tradesman Pro 3D Construction Belted FBH, Large/Xlarge, TB Legs/QC Chest |
| 6342472 | Tradesman Pro 3D Construction Belted FBH, Large/Xlarge, TB Legs/QC Chest |
| 6342478 | Tradesman Pro 3D Construction Belted FBH, Large/Xlarge, TB Legs/QC Chest |

Test Summary

| Test Specification | Test Criteria | Test Result | Pass/Fail | |
|----------------------------|---------------------------------|--------------------------------------|----------------------|------|
| ANSI Z359.11-2021 4.3.5 | Static Strength (Dorsal D-ring) | 3600 Lbf \geq 1 Minute | 3633.7 Lbf | Pass |
| | Static Strength (Dorsal D-ring) | Harness Shall Not Release Test Torso | Did Not Release | Pass |
| | Adjuster Slippage | Slippage \leq 1" | 0.0" | Pass |
| | Tear Distance (Buckle) | Shall Not Tear > 1" | Did Not Tear Through | Pass |
| | Tearing (Straps) | Shall Not Show Any Tearing | Did Not Tear | Pass |
| ANSI Z359.11-2021 4.3.5 | Static Strength (Dorsal D-ring) | 3600 Lbf \geq 1 Minute | 3640 Lbf | Pass |
| | Static Strength (Dorsal D-ring) | Harness Shall Not Release Test Torso | Did Not Release | Pass |
| | Adjuster Slippage | Slippage \leq 1" | 0.0" | Pass |
| | Tear Distance (Buckle) | Shall Not Tear > 1" | Did Not Tear Through | Pass |
| | Tearing (Straps) | Shall Not Show Any Tearing | Did Not Tear | Pass |
| ANSI Z359.11-2021 4.3.5 | Static Strength (Dorsal D-ring) | 3600 Lbf \geq 1 Minute | 3655.6 Lbf | Pass |
| | Static Strength (Dorsal D-ring) | Harness Shall Not Release Test Torso | Did Not Release | Pass |
| | Adjuster Slippage | Slippage \leq 1" | 0.0" | Pass |
| | Tear Distance (Buckle) | Shall Not Tear > 1" | Did Not Tear Through | Pass |
| | Tearing (Straps) | Shall Not Show Any Tearing | Did Not Tear | Pass |

FallTech Test Report

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| Part No. | 7078CLX | Part No. Revision | A | | | | |
| Part Description | Tradesman Pro 3D Construction Belted FBH, Large/XLarge, TB Legs/QC Chest | | | | | | |
| Test Request No. | PC-2537 | Date Complete | 3/30/2022 | | | | |

Test Summary Continued

| Test Specification | Test Criteria | Test Result | Pass/Fail | |
|----------------------------|--|--------------------------------------|----------------------|------|
| ANSI Z359.11-2021 4.3.5 | Static Strength (Side D-rings) | 3600 Lbf \geq 1 Minute | 3656.4 Lbf | Pass |
| | Static Strength (Side D-rings) | Harness Shall Not Release Test Torso | Did Not Release | Pass |
| | Adjuster Slippage | Slippage \leq 1" | 0.0" | Pass |
| | Tear Distance (Buckle) | Shall Not Tear > 1" | Did Not Tear Through | Pass |
| | Tearing (Straps) | Shall Not Show Any Tearing | Did Not Tear | Pass |
| ANSI Z359.11-2021 4.3.5 | Static Strength (Side D-rings) | 3600 Lbf \geq 1 Minute | 3672.5 Lbf | Pass |
| | Static Strength (Side D-rings) | Harness Shall Not Release Test Torso | Did Not Release | Pass |
| | Adjuster Slippage | Slippage \leq 1" | 0.0" | Pass |
| | Tear Distance (Buckle) | Shall Not Tear > 1" | Did Not Tear Through | Pass |
| | Tearing (Straps) | Shall Not Show Any Tearing | Did Not Tear | Pass |
| ANSI Z359.11-2021 4.3.5 | Static Strength (Side D-rings) | 3600 Lbf \geq 1 Minute | 3693.7 Lbf | Pass |
| | Static Strength (Side D-rings) | Harness Shall Not Release Test Torso | Did Not Release | Pass |
| | Adjuster Slippage | Slippage \leq 1" | 0.0" | Pass |
| | Tear Distance (Buckle) | Shall Not Tear > 1" | Did Not Tear Through | Pass |
| | Tearing (Straps) | Shall Not Show Any Tearing | Did Not Tear | Pass |
| ANSI Z359.11-2021 4.3.3 | Dynamic Performance Dorsal D-ring (Feet First) | Peak Impact Load \geq 3600 Lbf | 5307.4 Lbf | Pass |
| | Fall Arrest | Shall Not Release Torso | Did Not Release | Pass |
| | Post Drop Angle | Angle at Rest \leq 30° | 1.7° | Pass |
| | Impact Indicator | One Indicator Shall Deploy | Permanently Deployed | Pass |
| | Harness Stretch | Shall Not Exceed 18" | 8.3" | Pass |
| ANSI Z359.11-2021 4.3.3 | Dynamic Performance Dorsal D-ring (Feet First) | Peak Impact Load \geq 3600 Lbf | 4870.1 Lbf | Pass |
| | Fall Arrest | Shall Not Release Torso | Did Not Release | Pass |
| | Post Drop Angle | Angle at Rest \leq 30° | 2.7° | Pass |
| | Impact Indicator | One Indicator Shall Deploy | Permanently Deployed | Pass |
| | Harness Stretch | Shall Not Exceed 18" | 9.2" | Pass |
| ANSI Z359.11-2021 4.3.3 | Dynamic Performance Dorsal D-ring (Feet First) | Peak Impact Load \geq 3600 Lbf | 4997.6 Lbf | Pass |
| | Fall Arrest | Shall Not Release Torso | Did Not Release | Pass |
| | Post Drop Angle | Angle at Rest \leq 30° | 2.0° | Pass |
| | Impact Indicator | One Indicator Shall Deploy | Permanently Deployed | Pass |
| | Harness Stretch | Shall Not Exceed 18" | 9.4" | Pass |

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| Part Description | Tradesman Pro 3D Construction Belted FBH, Large/XLarge, TB Legs/QC Chest | | | | | | |
| Test Request No. | PC-2537 | Date Complete | 3/30/2022 | | | | |

Test Summary Continued

| Test Specification | Test Criteria | Test Result | Pass/Fail |
|----------------------------|---|--|---|
| ANSI Z359.11-2021 4.3.4 | Dynamic Performance Dorsal D-ring (Head First) | Peak Impact \geq 3,600 Lbf or 72" Free Fall 1906.2 Lbf | 72" Free fall 1906.2 Lbf Pass |
| | Fall Arrest | Shall Not Release Torso | Did Not Release Pass |
| | Post Drop Angle | Angle at Rest \leq 30° | 1.4° Pass |
| | Impact Indicator | One Indicator Shall Deploy | Permanently Deployed Pass |
| ANSI Z359.11-2021 4.3.4 | Dynamic Performance Dorsal D-ring (Head First) | Peak Impact \geq 3,600 Lbf or 72" Free Fall 1682.3 Lbf | 72" Free fall 1682.3 Lbf Pass |
| | Fall Arrest | Shall Not Release Torso | Did Not Release Pass |
| | Post Drop Angle | Angle at Rest \leq 30° | 2.3° Pass |
| | Impact Indicator | One Indicator Shall Deploy | Permanently Deployed Pass |
| ANSI Z359.11-2021 4.3.4 | Dynamic Performance Dorsal D-ring (Head First) | Peak Impact \geq 3,600 Lbf or 72" Free Fall 1832.6 Lbf | 72" Free fall 1832.6 Lbf Pass |
| | Fall Arrest | Shall Not Release Torso | Did Not Release Pass |
| | Post Drop Angle | Angle at Rest \leq 30° | 3.4° Pass |
| | Impact Indicator | One Indicator Shall Deploy | Permanently Deployed Pass |
| ANSI Z359.11-2021 4.3.6 | Fall Arrest Indicator Test (Doral D-ring) | At Least One Fall Arrest Indicator Shall Deploy | Visibly and Permanently Deployed Pass |
| ANSI Z359.11-2021 4.3.6 | Fall Arrest Indicator Test (Doral D-ring) | At Least One Fall Arrest Indicator Shall Deploy | Visibly and Permanently Deployed Pass |
| ANSI Z359.11-2021 4.3.6 | Fall Arrest Indicator Test (Doral D-ring) | At Least One Fall Arrest Indicator Shall Deploy | Visibly and Permanently Deployed Pass |

Conclusion

Based upon the samples provided to the Lab:
 FallTech P/N 7078CLX Rev. A meets the requirements of ANSI Z359.11-2021

Report Signatories and Approval

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|---------------------|---|------|----------|
| Lab Quality Manager |  | Date | 4/1/2022 |
|---------------------|---|------|----------|