

Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



Alexander Andrew, Inc. 1306 S. Alameda St Compton, CA 90221

Declaration #

A1217040a

Declaration Date

12.29.17

Tested Item #

7435

Bolt on D-Ring Anchor Connector w/Stud

Additional Items Conforming Under this Declaration:

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

ANSI Z359.18-2017

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 17025:2005

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-1368

Authorized Signature

Name

Martin Barila

Title

VP of Operations

Date

2.14.18

Exova
3883 East Eagle Drive
Anaheim
California
USA
92807

T: +1 (714) 630-3003
F: +1 (714) 630-4443
E: sales@exova.com
W: www.exova.com



Testing. Advising. Assuring.

December 29, 2017

FallTech Testing Laboratory
1306 S. Alameda Street
Compton, CA 90221

Attention: Jay Sponholz
Quality Manager

Subject: **Attestation of Witnessing Testing**
Exova OCM Job # 371922-5
FallTech P.O.: OPEN
Report No.: PC-1368
Base Part No. 7435
Description: Bolt on D-Ring Anchor

Dear Mr. Sponholz:

The purpose of this attestation is to attest to the fact that a representative of Exova OCM was on site at FallTech's facilities to confirm suitability of the equipment used, calibration status of the equipment and to witness testing performed by FallTech employees. Details of this visit are included below:


- Date of Testing:
 - December 28, 2017
- Exova OCM Test Witness:
 - 12/28/2017 – Kevin Ton
- FallTech Test Operators:
 - Sara Martinez/Yesbet Sierra/Jay Sponholz
- Specification:

ANSI Z359. 18-2017 Sections: 4.2.1, 4.2.2, 4.2.3

- Equipment Calibration Interval
 - 1 year, except weights which are 5 years

Attached to this attestation is the test report generated by FallTech Testing Laboratory. Exova OCM test witness certifies the report accurately presents the testing performed on the samples identified.

| Test Report # | Date | Base Part # | Description | Sample ID's | Results |
|---------------|------------|-------------|-----------------------|--|---------|
| PC-1368 | 12/28/2017 | 7435 | Bolt on D-ring Anchor | 4164886 4164893 4164882 4171789 4171791 4164894 4164886 1464893 4164882 4171789 4171791 4164894 4164886 4164893 4164882 4171789 4171791 4164894 | Pass |

| | |
|---|---|
| Test Witness Signature: Kevin Ton | <i>(Signed for and on behalf of Exova-OCM)</i>  |
|---|---|

This attestation shall not be reproduced except in full, without the written approval of Exova-OCM. The laboratory has witnessed the testing the material / items supplied by the client as sampled by the client. The testing is not within Exova OCM's L.A.B scope of testing and was not performed at Exova OCM.



FallTech Test Report

| | | | | | | | |
|----------------------------|--|------------------------------|---|-----------------|--|-----------------|--|
| Test Report No. | PC-1368 | Rpt. Date | 12/29/2017 | Rpt. Rev | | Rev Date | |
| Report Prepared For | FallTech | | | | | | |
| Initiated By | Dan Redden | Test Specification(s) | ANSI Z359.18-2017: 4.2.1, 4.2.2, 4.2.3, | | | | |
| Part No. | 7435 | Part No. Revision | A | | | | |
| Part Description | Bolt on D-ring Anchor | | | | | | |
| Test Request No. | PC-1368 | Date Complete | 12/28/2017 | | | | |
| Test Operator(s) | Yesbet Sierra / Sara Martinez / Jay Sponholz | | | | | | |

Material/Sample Identification

| Sample ID | Description |
|-----------|-----------------------|
| 4164886 | Bolt on D-ring Anchor |
| 4164893 | Bolt on D-ring Anchor |
| 4164882 | Bolt on D-ring Anchor |
| 4171789 | Bolt on D-ring Anchor |
| 4171791 | Bolt on D-ring Anchor |
| 4164894 | Bolt on D-ring Anchor |
| 4164886 | Bolt on D-ring Anchor |
| 4164893 | Bolt on D-ring Anchor |
| 4164882 | Bolt on D-ring Anchor |
| 4171789 | Bolt on D-ring Anchor |
| 4171791 | Bolt on D-ring Anchor |
| 4164894 | Bolt on D-ring Anchor |
| 4164886 | Bolt on D-ring Anchor |
| 4164893 | Bolt on D-ring Anchor |
| 4164882 | Bolt on D-ring Anchor |
| 4171789 | Bolt on D-ring Anchor |
| 4171791 | Bolt on D-ring Anchor |
| 4164894 | Bolt on D-ring Anchor |



FallTech Test Report

| | | | | | | | |
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| Report Prepared For | FallTech | | | | | | |
| Initiated By | Dan Redden | Test Specification(s) | ANSI Z359.18-2017: 4.2.1, 4.2.2, 4.2.3, | | | | |
| Part No. | 7435 | Part No. Revision | A | | | | |
| Part Description | Bolt on D-ring Anchor | | | | | | |
| Test Request No. | PC-1368 | Date Complete | 12/28/2017 | | | | |

Test Summary

| Test Specification | Test Criteria | Test Result | Pass/Fail | |
|--|-----------------|-------------|----------------|---------|
| ANSI Z359.18-2017 4.2.1.1 Horizontal Mount | Static Strength | ≥ 5,000 Lbf | 5085.6 lbF | Pass |
| | Maintain Load | ≥ 3 Minutes | 3 Minutes | Pass |
| | Gate Separation | ≥ 1/8" | Not Applicable | No Gate |
| ANSI Z359.18-2017 4.2.1.1 Horizontal Mount | Static Strength | ≥ 5,000 Lbf | 5075.6 lbF | Pass |
| | Maintain Load | ≥ 3 Minutes | 3 Minutes | Pass |
| | Gate Separation | ≥ 1/8" | Not Applicable | No Gate |
| ANSI Z359.18-2017 4.2.1.1 Horizontal Mount | Static Strength | ≥ 5,000 Lbf | 5085.2 lbF | Pass |
| | Maintain Load | ≥ 3 Minutes | 3 Minutes | Pass |
| | Gate Separation | ≥ 1/8" | Not Applicable | No Gate |
| ANSI Z359.18-2017 4.2.1.1 Vertical Mount | Static Strength | ≥ 5,000 Lbf | 5068.3 lbF | Pass |
| | Maintain Load | ≥ 3 Minutes | 3 Minutes | Pass |
| | Gate Separation | ≥ 1/8" | Not Applicable | No Gate |
| ANSI Z359.18-2017 4.2.1.1 Vertical Mount | Static Strength | ≥ 5,000 Lbf | 5119.7 lbF | Pass |
| | Maintain Load | ≥ 3 Minutes | 3 Minutes | Pass |
| | Gate Separation | ≥ 1/8" | Not Applicable | No Gate |
| ANSI Z359.18-2017 4.2.1.1 Vertical Mount | Static Strength | ≥ 5,000 Lbf | 5066.8 lbF | Pass |
| | Maintain Load | ≥ 3 Minutes | 3 Minutes | Pass |
| | Gate Separation | ≥ 1/8" | Not Applicable | No Gate |



FallTech Test Report

| | | | | | | | |
|----------------------------|-----------------------|------------------------------|---|-----------------|--|-----------------|--|
| Test Report No. | PC-1368 | Rpt. Date | 12/29/2017 | Rpt. Rev | | Rev Date | |
| Report Prepared For | FallTech | | | | | | |
| Initiated By | Dan Redden | Test Specification(s) | ANSI Z359.18-2017: 4.2.1, 4.2.2, 4.2.3, | | | | |
| Part No. | 7435 | Part No. Revision | A | | | | |
| Part Description | Bolt on D-ring Anchor | | | | | | |
| Test Request No. | PC-1368 | Date Complete | 12/28/2017 | | | | |

Test Summary (Continued)

| Test Specification | Test Criteria | Test Result | Pass/Fail |
|--|------------------|--|-------------------|
| ANSI Z359.18-2017 4.2.2.1 Horizontal Mount | Dynamic Strength | Shall Arrest a 3 foot Freefall with 282 Lb Test Weight | Arrested the Fall |
| | Max Arrest Force | Information Only | 4728.0 lbf |
| | Gate Separation | ≥ 1/8" | Not Applicable |
| ANSI Z359.18-2017 4.2.2.1 Horizontal Mount | Dynamic Strength | Shall Arrest a 3 foot Freefall with 282 Lb Test Weight | Arrested the Fall |
| | Max Arrest Force | Information Only | 4371.0 lbf |
| | Gate Separation | ≥ 1/8" | Not Applicable |
| ANSI Z359.18-2017 4.2.2.1 Horizontal Mount | Dynamic Strength | Shall Arrest a 3 foot Freefall with 282 Lb Test Weight | Arrested the Fall |
| | Max Arrest Force | Information Only | 4781.2 lbf |
| | Gate Separation | ≥ 1/8" | Not Applicable |
| ANSI Z359.18-2017 4.2.2.1 Vertical Mount | Dynamic Strength | Shall Arrest a 3 foot Freefall with 282 Lb Test Weight | Arrested the Fall |
| | Max Arrest Force | Information Only | 4206.1 lbf |
| | Gate Separation | ≥ 1/8" | Not Applicable |
| ANSI Z359.18-2017 4.2.2.1 Vertical Mount | Dynamic Strength | Shall Arrest a 3 foot Freefall with 282 Lb Test Weight | Arrested the Fall |
| | Max Arrest Force | Information Only | 4526.1 lbf |
| | Gate Separation | ≥ 1/8" | Not Applicable |
| ANSI Z359.18-2017 4.2.2.1 Vertical Mount | Dynamic Strength | Shall Arrest a 3 foot Freefall with 282 Lb Test Weight | Arrested the Fall |
| | Max Arrest Force | Information Only | 4225.1 lbf |
| | Gate Separation | ≥ 1/8" | Not Applicable |



FallTech Test Report

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| Report Prepared For | FallTech | | | | | | |
| Initiated By | Dan Redden | Test Specification(s) | ANSI Z359.18-2017: 4.2.1, 4.2.2, 4.2.3, | | | | |
| Part No. | 7435 | Part No. Revision | A | | | | |
| Part Description | Bolt on D-ring Anchor | | | | | | |
| Test Request No. | PC-1368 | Date Complete | 12/28/2017 | | | | |

Test Summary (Continued)

| Test Specification | Test Criteria | | Test Result | Pass/Fail |
|--|---------------------------|---|-------------------|-------------|
| ANSI Z359.18-2017 4.2.3.1 Horizontal Mount | Residual Dynamic Strength | Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight | Arrested the Fall | Pass |
| | Max Arrest Force | Information Only | 5144.0 lbf | Information |
| | Maintain Load | ≥ 1 Minutes | 1 Minutes | Pass |
| | Gate Separation | ≥ 1/8" | Not Applicable | No Gate |
| ANSI Z359.18-2017 4.2.3.1 Horizontal Mount | Residual Dynamic Strength | Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight | Arrested the Fall | Pass |
| | Max Arrest Force | Information Only | 5468.6 lbf | Information |
| | Maintain Load | ≥ 1 Minutes | 1 Minutes | Pass |
| | Gate Separation | ≥ 1/8" | Not Applicable | No Gate |
| ANSI Z359.18-2017 4.2.3.1 Horizontal Mount | Residual Dynamic Strength | Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight | Arrested the Fall | Pass |
| | Max Arrest Force | Information Only | 5557.8 lbf | Information |
| | Maintain Load | ≥ 1 Minutes | 1 Minutes | Pass |
| | Gate Separation | ≥ 1/8" | Not Applicable | No Gate |



FallTech Test Report

| | | | | | | | |
|----------------------------|-----------------------|------------------------------|---|-----------------|--|-----------------|--|
| Test Report No. | PC-1368 | Rpt. Date | 12/29/2017 | Rpt. Rev | | Rev Date | |
| Report Prepared For | FallTech | | | | | | |
| Initiated By | Dan Redden | Test Specification(s) | ANSI Z359.18-2017: 4.2.1, 4.2.2, 4.2.3, | | | | |
| Part No. | 7435 | Part No. Revision | A | | | | |
| Part Description | Bolt on D-ring Anchor | | | | | | |
| Test Request No. | PC-1368 | Date Complete | 12/28/2017 | | | | |



Test Summary (Continued)

| Test Specification | Test Criteria | | Test Result | Pass/Fail |
|--|---------------------------|---|-------------------|-------------|
| ANSI Z359.18-2017 4.2.3.1 Vertical Mount | Residual Dynamic Strength | Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight | Arrested the Fall | Pass |
| | Max Arrest Force | Information Only | 4991.2 lbf | Information |
| | Maintain Load | ≥ 1 Minutes | 1 Minutes | Pass |
| | Gate Separation | ≥ 1/8" | Not Applicable | No Gate |
| ANSI Z359.18-2017 4.2.3.1 Vertical Mount | Residual Dynamic Strength | Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight | Arrested the Fall | Pass |
| | Max Arrest Force | Information Only | 4707.6 lbf | Information |
| | Maintain Load | ≥ 1 Minutes | 1 Minutes | Pass |
| | Gate Separation | ≥ 1/8" | Not Applicable | No Gate |
| ANSI Z359.18-2017 4.2.3.1 Vertical Mount | Residual Dynamic Strength | Secondary Arrest of a 3 foot Freefall with 282 Lb Test Weight | Arrested the Fall | Pass |
| | Max Arrest Force | Information Only | 4947.0 lbf | Information |
| | Maintain Load | ≥ 1 Minutes | 1 Minutes | Pass |
| | Gate Separation | ≥ 1/8" | Not Applicable | No Gate |

Conclusion

Based upon the samples provided to the Lab:
 FallTech P/N 7435 Rev. A meets the requirements of ANSI Z359.18-2017.

Report Signatories and Approval

| | | | |
|---------------------|--|------|------------|
| Lab Quality Manager |  | Date | 12/29/2017 |
| Witnessed by | Kevin Ton  | Date | 12/29/2017 |