

Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



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

Declaration #

C0817062

Declaration Date

8.23.17

Tested Item #

8447A

Aluminum Carabiner, Large

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 Z359.12-2009

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-1173

Authorized Signature

Name

Martin Barila

Title

VP of Operations

Date

1.26.18

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Testing. Advising. Assuring.

September 5, 2017

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

Attention: Jay Sponholz
Quality Manager

Subject: **Attestation of Witnessing Testing**
Exova OCM Job # 371174-10
FallTech P.O.: OPEN
Report No.: PC-1173
Base Part No. 8447A
Description: Aluminum Carabiner, Large

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:
 - August 2, 2017
- Exova OCM Test Witness:
 - 8/2/17 - Nolan Schatzle
- FallTech Test Operators:
 - Yesbet Sierra/Jay Sponholz
- Specification:

ANSI Z359.12-2009 Sections 4.2.1, 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-1173 | 8/2/17 | 8447A | Aluminum Carabiner, Large | T1 T2 T3 G1 G2 G3 S1 S2 S3 C1 C2 C3 | Pass |

| | | |
|---|--|--|
| Test Witness Signature: Nolan Schatzle Technician Mechanical Laboratory | <i>(Signed for and on behalf of Exova-OCM)</i>  |  |
|---|--|--|

| | |
|---|--|
| Approval Signature: Victor Mendez Production Manager | <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-1173 | Rpt. Date | 8/23/2017 | Rpt. Rev | | Rev Date | |
| Report Prepared For | FallTech | | | | | | |
| Initiated By | Dan Redden | Test Specification(s) | ANSI Z359.12 - 2009: 4.2.1, 4.2.3 | | | | |
| Part No. | 8447A | Part No. Revision | B | | | | |
| Part Description | Aluminum Carabiner, Large | | | | | | |
| Test Request No. | PC-1173 | Date Complete | 8/2/2017 | | | | |
| Test Operator(s) | Yesbet Sierra, Jay Sponholz | | | | | | |

Material/Sample Identification

| Sample ID | Description |
|-----------|---------------------------|
| T1 | Aluminum Carabiner, Large |
| T2 | Aluminum Carabiner, Large |
| T3 | Aluminum Carabiner, Large |
| G1 | Aluminum Carabiner, Large |
| G2 | Aluminum Carabiner, Large |
| G3 | Aluminum Carabiner, Large |
| S1 | Aluminum Carabiner, Large |
| S2 | Aluminum Carabiner, Large |
| S3 | Aluminum Carabiner, Large |
| C1 | Aluminum Carabiner, Large |
| C2 | Aluminum Carabiner, Large |
| C3 | Aluminum Carabiner, Large |



FallTech Test Report

| | | | | | | | |
|----------------------------|---------------------------|------------------------------|-----------------------------------|-----------------|--|-----------------|--|
| Test Report No. | PC-1173 | Rpt. Date | 8/23/2017 | Rpt. Rev | | Rev Date | |
| Report Prepared For | FallTech | | | | | | |
| Initiated By | Dan Redden | Test Specification(s) | ANSI Z359.12 - 2009: 4.2.1, 4.2.3 | | | | |
| Part No. | 8447A | Part No. Revision | B | | | | |
| Part Description | Aluminum Carabiner, Large | | | | | | |
| Test Request No. | PC-1173 | Date Complete | 8/2/2017 | | | | |

Test Summary

| Test Specification | Test Criteria | | Test Result | Pass/Fail |
|--------------------------------|-----------------|--|-----------------|-----------|
| ANSI Z359.12-2009 4.2.1.1.1 | Static Strength | ≥ 5000 Lbf | 5055.6 Lbf | Pass |
| | Hold | ≥ 1 Minute | 1 Minute | Pass |
| | Withstand Load | No Breaking or Distortion sufficient to release gate | Did Not Release | Pass |
| ANSI Z359.12-2009 4.2.1.1.1 | Static Strength | ≥ 5000 Lbf | 5061.6 Lbf | Pass |
| | Hold | ≥ 1 Minute | 1 Minute | Pass |
| | Withstand Load | No Breaking or Distortion sufficient to release gate | Did Not Release | Pass |
| ANSI Z359.12-2009 4.2.1.1.1 | Static Strength | ≥ 5000 Lbf | 5060.8 Lbf | Pass |
| | Hold | ≥ 1 Minute | 1 Minute | Pass |
| | Withstand Load | No Breaking or Distortion sufficient to release gate | Did Not Release | Pass |



FallTech Test Report

| | | | | | | | |
|----------------------------|---------------------------|------------------------------|-----------------------------------|-----------------|--|-----------------|--|
| Test Report No. | PC-1173 | Rpt. Date | 8/23/2017 | Rpt. Rev | | Rev Date | |
| Report Prepared For | FallTech | | | | | | |
| Initiated By | Dan Redden | Test Specification(s) | ANSI Z359.12 - 2009: 4.2.1, 4.2.3 | | | | |
| Part No. | 8447A | Part No. Revision | B | | | | |
| Part Description | Aluminum Carabiner, Large | | | | | | |
| Test Request No. | PC-1173 | Date Complete | 8/2/2017 | | | | |

Test Summary (Continued)

| Test Specification | Test Criteria | Test Result | Pass/Fail | |
|--------------------------------|-----------------|---|------------|------|
| ANSI Z359.12-2009 4.2.1.1.2 | Static Strength | ≥ 3600 Lbf | 3643.2 Lbf | Pass |
| | Hold | ≥ 1 Minute | 1 Minute | Pass |
| | Withstand Load | Without Gate separating from nose > .125" | < .125" | Pass |
| ANSI Z359.12-2009 4.2.1.1.2 | Static Strength | ≥ 3600 Lbf | 3632.6 Lbf | Pass |
| | Hold | ≥ 1 Minute | 1 Minute | Pass |
| | Withstand Load | Without Gate separating from nose > .125" | < .125" | Pass |
| ANSI Z359.12-2009 4.2.1.1.2 | Static Strength | ≥ 3600 Lbf | 3642.4 Lbf | Pass |
| | Hold | ≥ 1 Minute | 1 Minute | Pass |
| | Withstand Load | Without Gate separating from nose > .125" | < .125" | Pass |



FallTech Test Report

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|----------------------------|---------------------------|------------------------------|-----------------------------------|-----------------|--|-----------------|--|
| Test Report No. | PC-1173 | Rpt. Date | 8/23/2017 | Rpt. Rev | | Rev Date | |
| Report Prepared For | FallTech | | | | | | |
| Initiated By | Dan Redden | Test Specification(s) | ANSI Z359.12 - 2009: 4.2.1, 4.2.3 | | | | |
| Part No. | 8447A | Part No. Revision | B | | | | |
| Part Description | Aluminum Carabiner, Large | | | | | | |
| Test Request No. | PC-1173 | Date Complete | 8/2/2017 | | | | |

Test Summary (Continued)

| Test Specification | Test Criteria | Test Result | Pass/Fail | |
|--------------------------------|-----------------|--|------------|------|
| ANSI Z359.12-2009 4.2.1.1.3 | Static Strength | ≥ 3600 Lbf | 3625.8 Lbf | Pass |
| | Hold | ≥ 1 Minute | 1 Minute | Pass |
| | Withstand Load | Without Breaking or separating from nose > .125" | < .125" | Pass |
| ANSI Z359.12-2009 4.2.1.1.3 | Static Strength | ≥ 3600 Lbf | 3627.3 Lbf | Pass |
| | Hold | ≥ 1 Minute | 1 Minute | Pass |
| | Withstand Load | Without Gate separating from nose > .125" | < .125" | Pass |
| ANSI Z359.12-2009 4.2.1.1.3 | Static Strength | ≥ 3600 Lbf | 3617.6 Lbf | Pass |
| | Hold | ≥ 1 Minute | 1 Minute | Pass |
| | Withstand Load | Without Gate separating from nose > .125" | < .125" | Pass |



FallTech Test Report

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|---------------------|---------------------------|-----------------------|-----------------------------------|----------|--|----------|--|
| Test Report No. | PC-1173 | Rpt. Date | 8/23/2017 | Rpt. Rev | | Rev Date | |
| Report Prepared For | FallTech | | | | | | |
| Initiated By | Dan Redden | Test Specification(s) | ANSI Z359.12 - 2009: 4.2.1, 4.2.3 | | | | |
| Part No. | 8447A | Part No. Revision | B | | | | |
| Part Description | Aluminum Carabiner, Large | | | | | | |
| Test Request No. | PC-1173 | Date Complete | 8/2/2017 | | | | |


Test Summary (Continued)

| Test Specification | Test Criteria | | Test Result | Pass/Fail |
|------------------------------|--|--|--------------------|----------------------------|
| ANSI Z359.12-2009 4.2.3.3 | Dynamic Strength (Establish Free Fall) | M.A.F 5000 - 5405 Lbf | 5218.4 Average Lbf | 8.0" Free Fall Established |
| | Dynamic Strength (Abrasion and Cold Conditioned) | Deformation not sufficient to release Gate | Did Not Release | Pass |
| ANSI Z359.12-2009 4.2.3.3 | Dynamic Strength (Establish Free Fall) | M.A.F 5000 - 5405 Lbf | 5218.4 Average Lbf | 8.0" Free Fall Established |
| | Dynamic Strength (Abrasion and Cold Conditioned) | Deformation not sufficient to release Gate | Did Not Release | Pass |
| ANSI Z359.12-2009 4.2.3.3 | Dynamic Strength (Establish Free Fall) | M.A.F 5000 - 5405 Lbf | 5218.4 Average Lbf | 8.0" Free Fall Established |
| | Dynamic Strength (Abrasion and Cold Conditioned) | Deformation not sufficient to release Gate | Did Not Release | Pass |

Conclusion

FallTech P/N 8447A meets the requirements of ANSI Z359.12-2009

Report Signatories and Approval

| | | | |
|---------------------|---|------|-----------|
| Lab Quality Manager |  | Date | 8/23/2017 |
|---------------------|---|------|-----------|

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|--------------|---|------|--------|
| Witnessed by |  Nolan Schatzle | Date | 9-5-17 |
|--------------|---|------|--------|