

# Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



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

Declaration #

A0216035

Declaration Date

2.8.16

Tested Item #

7440S

Expansion Wedge Anchor with Swivel-eye

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 Z359.1-2007

Conformity Assessment Method in accordance with ANSI/ISEA 125-2014

Level 1

Level 2

Level 3

X

**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

G102436498CRT-002

Authorized Signature

Name

Dustin Hawkins

Title

VP Business Development

Date

5.19.16

### FallTech Test Report

<b>Test Report Number</b>	Q102436498CRT-002	<b>Date</b>	5/19/2016	<b>Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification</b>	ANSI Z359.1-2007 4.3.6				
<b>Base Part #</b>	7440S	<b>Description</b>	Re-Useable Bolt Anchor				
<b>Proposed Part #</b>	N/A	<b>Built By Whom</b>	Production	<b>BOM</b>	No		
<b>Test Request #</b>	Qu-00667125	<b>Date Received</b>	2/8/2016	<b>Date Complete</b>	2/8/2016		
<b>Test Operator</b>	Matthew Stevens	<b>Report Reviewer</b>	Andrew Rulison				

#### Material/Sample Identification

Sample ID	Description
1	Re-Useable Bolt Anchor
2	Re-Useable Bolt Anchor
3	Re-Useable Bolt Anchor
4	Re-Useable Bolt Anchor
5	Re-Useable Bolt Anchor
6	Re-Useable Bolt Anchor


#### Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.1-2007 4.3.6	Static Strength 3600 Lbf 5000 Lbf Deformation	See Test Results (Attached)	See Test Results (Attached)
			Pass

#### Conclusion

FallTech P/N 7440S Re-Useable Bolt Anchor meets the requirements of ANSI Z359.1-2007

#### Report Signatories and Approval

Lab Quality Manager		Date	5/19/2016
Witnessed by	(See Attached Test Report)	Date	Not Required

**End of Report**



INTERTEK TEST REPORT

2/8/16

Danny Aleksovski
Climbtech, LLC. 7303
Burleson Rd Austin,
TX 78744 USA

Intertek Test Report Number: G102436498CRT-002
Intertek Signed Quote Number (s): Qu-00667125
Client Reference Number: 156582
Product Type: Re-Usable Bolt Anchor
Product Models: RAF075N-CUSTOM
Type of Testing Entity: Third Party Testing Laboratory
Type of Testing: Qualification
Test Standard: ANSI/ASSE Z359.1-2007
Manufacturer's Name and Address: (see above)
Evaluation/Testing Location: Intertek, 3933 US Rte 11, Cortland NY 13045 \*\*
Date(s) of Testing: 2/8/16

Dear Danny,

Intertek has completed the evaluation of the FallTech Re-Usable Bolt Anchor, Model RAF075N-CUSTOM to the client specified sections of, American National Standard, Safety Requirements For Personal Fall Arrest Systems, Subsystems and Components, ANSI/ASSE Z359.1-2007. The results of these tests are as indicated below.

Table with 4 columns: Tests Completed, Test Date, ANSI/ASSE Z359.1-2007 Clause, Pass/Fail. Rows include Design Requirements, Static Strength Test, and Markings & Instructions.

Please see attached test data for details.

This test report concludes the work anticipated in the testing phase of your project. If there are any questions regarding this report please contact the undersigned at 607-753-6711.

Tested by,

Matthew Stevens

Matthew Stevens
Technician
Performance Group

Reviewed by,

Handwritten signature of Andrew Rulison

Andrew Rulison
Associate Engineer/Team Lead
Performance Group

\*\* Intertek Laboratory is ISO/IEC 17025:2005 (CAN-P-4E) accredited by Standards Council of Canada (SCC) with the scope available for review at the following location: http://www.scc.ca/en/palcan/38

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement.

Intertek, Inc.

3933 US Route 11, Cortland, NY 13045 USA
Telephone: +1 607-753-6711 Fax: +1 607-756-9891 Web: www.intertek.com



**INTERTEK TEST DATA SHEETS**

Client/Ref #: <u>ClimbTech</u>	Engineer: <u>Andrew Rulison</u>
Job No.: <u>G102436498</u>	Tested By: <u>Matthew Stevens</u> Date: <u>2/8/16</u>
Product: <u>FallTech Re-Usable Bolt Anchor</u>	Reviewed By: <u>Andrew Rulison</u> Date: <u>2/8/16</u>
Model No.: <u>RAF075N-CUSTOM</u>	Standard: <u>ANSI/ASSE Z359.1-2007</u>
Quote #/Customer# <u>Qu-00667125</u> <b>TRANSCRIBED TEST DATA</b>	

TEST EQUIPMENT							
Used for Test	Description	Manufacturer	Control No.	Model No.	Serial No.	Cal. Date	Cal. Due
X	Load Cell	Interface	L137	NA	NA	9/21/15	9/21/16
X	Latest Standards Used:		ANSI/ASSE Z359.1-2007			Verified By:	MS

Paragraph	Test Description	Results	Pass/Fail												
<b>3.2.5.1</b>	<b>Anchorage Connector Qualification Test (test section 4.3.6)</b>														
	3,600 lbs-f & hold for 1-minute, then release load and reapply 5,000 lbs-f and hold for 1-minute	<p><b><u>Orientation 1</u></b></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>#</th> <th>Deformation</th> <th>Breakage</th> </tr> </thead> <tbody> <tr> <td align="center">1</td> <td align="center">NO</td> <td align="center">NO</td> </tr> <tr> <td align="center">2</td> <td align="center">NO</td> <td align="center">NO</td> </tr> <tr> <td align="center">3</td> <td align="center">NO</td> <td align="center">NO</td> </tr> </tbody> </table>	#	Deformation	Breakage	1	NO	NO	2	NO	NO	3	NO	NO	<b>PASS</b>
#	Deformation	Breakage													
1	NO	NO													
2	NO	NO													
3	NO	NO													
<b>3.2.5.1</b>	<b>Anchorage Connector Qualification Test (test section 4.3.6)</b>														
	3,600 lbs-f & hold for 1-minute, then release load and reapply 5,000 lbs-f and hold for 1-minute	<p><b><u>Orientation 2</u></b></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>#</th> <th>Deformation</th> <th>Breakage</th> </tr> </thead> <tbody> <tr> <td align="center">1</td> <td align="center">NO</td> <td align="center">NO</td> </tr> <tr> <td align="center">2</td> <td align="center">NO</td> <td align="center">NO</td> </tr> <tr> <td align="center">3</td> <td align="center">NO</td> <td align="center">NO</td> </tr> </tbody> </table>	#	Deformation	Breakage	1	NO	NO	2	NO	NO	3	NO	NO	<b>PASS</b>
#	Deformation	Breakage													
1	NO	NO													
2	NO	NO													
3	NO	NO													
<b>5.1</b>	<b>Marking Requirements (General)</b>														
	5.1.1; Markings shall be in English		<b>PASS</b>												
	5.1.2; Shall endure the life of the product, pressure sensitive labels shall meet UL 969		<b>NA</b>												
	5.1.3 a; part # and model designation		<b>PASS</b>												
	5.1.3 b; year of manufacture		<b>PASS</b>												
	5.1.3 c; manufacturers name or logo		<b>PASS</b>												
	5.1.3 d; capacity rating		<b>PASS</b>												
	5.1.3 e; standard number "Z359.1"		<b>PASS</b>												
	5.1.3 f; warning to follow manufacturer's instructions		<b>PASS</b>												

**INTERTEK TEST DATA SHEETS**

Client/Ref #:	<u>ClimbTech</u>	Engineer:	<u>Andrew Rulison</u>
Job No.:	<u>G102436498</u>	Tested By:	<u>Matthew Stevens</u> Date: <u>2/8/16</u>
Product:	<u>FallTech Re-Usable Bolt Anchor</u>	Reviewed By:	<u>Andrew Rulison</u> Date: <u>2/8/16</u>
Model No.:	<u>RAF075N-CUSTOM</u>	Standard:	<u>ANSI/ASSE Z359.1-2007</u>

Quote #/Customer# Qu-00667125      **TRANSCRIBED TEST DATA**

5.3	<b>Instruction Requirements (General)</b>		
5.3.1	Provided to the user printed in English and affixed to the equipment		<b>PASS</b>
5.3.2	Shall contain the following information: <ul style="list-style-type: none"> <li>• instructions shall be provided to users</li> <li>• mfr's name, address, telephone #</li> <li>• mfr's part number, and model designation</li> <li>• intended use and purpose</li> <li>• proper method of use and limitations</li> <li>• illustrations showing locations of markings</li> <li>• reproduction of printed information</li> <li>• inspection procedures</li> <li>• anchorage requirements</li> <li>• criteria for discarding equipment</li> <li>• Procedures for cleaning, etc.</li> <li>• reference to ANSI/ASSE Z359.1-2007</li> </ul>		<b>PASS</b>
5.3.3	Require that only the equipment manufacture to make repairs		<b>PASS</b>
5.3.4	Require the user to remove equipment subjected to a fall		<b>PASS</b>
5.3.5	Require the user to have a rescue plan		<b>PASS</b>
5.3.6	Warnings regarding: <ul style="list-style-type: none"> <li>• altering the equipment</li> <li>• misusing the equipment</li> <li>• using combinations of components</li> <li>• exposing the equipment to chemicals</li> <li>• using around moving machinery</li> <li>• using near sharp edges</li> </ul>		<b>PASS</b>