

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 #

B0819036

Declaration Date

8.21.19

Tested Item #

7276BWR

20' Contractor Web SRL, Alu Carabiner + Energy Absorber

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 product standard(s):

ANSI Z359.14-2014

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-1697

FAL003-19-08-88003-1R3

Authorized Signature

Name

Mark Sasaki

Title

Director of Engineering

Date

8.26.19



International Accreditation Service, Inc
3060 Saturn St, Ste 100
Brea, CA 92821 +1 562-364-8201

FallTech Lab - TL-594
ISO/IEC 17025:2005
Alexander Andrew Inc dba FallTech

FallTech Test Report

Test Report No.	PC-1697	Rpt. Date	8/21/2019	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.3, 4.2.5, 4.2.6, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Part No.	7276BWR	Part No. Revision	A				
Part Description	20' Contractor Web SRL, Alum Swivel Carabiner and energy absorber						
Test Request No.	PC-1697	Date Complete	7/23/2019				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
142052	20' Contractor Web SRL, Alum Swivel Carabiner and energy absorber
139362	20' Contractor Web SRL, Alum Swivel Carabiner and energy absorber
139360	20' Contractor Web SRL, Alum Swivel Carabiner and energy absorber
139364	20' Contractor Web SRL, Alum Swivel Carabiner and energy absorber
142046	20' Contractor Web SRL, Alum Swivel Carabiner and energy absorber
142050	20' Contractor Web SRL, Alum Swivel Carabiner and energy absorber
142052	20' Contractor Web SRL, Alum Swivel Carabiner and energy absorber
139362	20' Contractor Web SRL, Alum Swivel Carabiner and energy absorber
139360	20' Contractor Web SRL, Alum Swivel Carabiner and energy absorber
142052	20' Contractor Web SRL, Alum Swivel Carabiner and energy absorber
139362	20' Contractor Web SRL, Alum Swivel Carabiner and energy absorber
139360	20' Contractor Web SRL, Alum Swivel Carabiner and energy absorber
142049	20' Contractor Web SRL, Alum Swivel Carabiner and energy absorber
142048	20' Contractor Web SRL, Alum Swivel Carabiner and energy absorber
142047	20' Contractor Web SRL, Alum Swivel Carabiner and energy absorber



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Test Request No.	PC-1697	Date Complete	7/23/2019				

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.1, 4.2.6	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	33.6"	Pass
	Max Arrest Force	≤ 1800 Lbf	989.8 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	779.9 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	1.4 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	2.2 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	2.6 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	3.8 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	4.0 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	5.2 lbF	Pass



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Test Request No.	PC-1697	Date Complete	7/23/2019				

Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.14-2014 4.2.1, 4.2.6	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	40.9"	Pass
	Max Arrest Force	≤ 1800 Lbf	918.5 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	695.1 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	1.4 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	1.8 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	2.6 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	3.8 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	4.4 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	5.2 lbF	Pass



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Test Request No.	PC-1697			Date Complete	7/23/2019		

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.1, 4.2.6	Arrest Distance	Class A \leq 24" Class B \leq 54"	34.2"	Pass
	Max Arrest Force	\leq 1800 Lbf	946.6 lbF	Pass
	Avg Arrest Force	Class A \leq 1350 Lbf Class B \leq 900 Lbf	725.2 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	1.4 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	2.0 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	2.8 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	3.2 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	4.8 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	5.2 lbF	Pass



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Part No.	7276BWR			Part No. Revision	A		
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Test Request No.	PC-1697			Date Complete	7/23/2019		

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.3	Dynamic Strength	4' Fall w/ 300 Lb Test Weight; Weight Shall Not Strike the Ground	Did not strike ground	Pass
	Line Constituent Strength	≥ 1000 Lbf	1025.1 lbf	Pass
ANSI Z359.14-2014 4.2.3	Dynamic Strength	4' Fall w/ 300 Lb Test Weight; Weight Shall Not Strike the Ground	Did not strike ground	Pass
	Line Constituent Strength	≥ 1000 Lbf	1024.6 lbf	Pass
ANSI Z359.14-2014 4.2.3	Dynamic Strength	4' Fall w/ 300 Lb Test Weight; Weight Shall Not Strike the Ground	Did not strike ground	Pass
	Line Constituent Strength	≥ 1000 Lbf	1025.6 lbf	Pass
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3069.6 lbf	Pass
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3063.5 lbf	Pass
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3066.2 lbf	Pass



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Part Description	20' Contractor Web SRL, Alum Swivel Carabiner and energy absorber						
Test Request No.	PC-1697			Date Complete	7/23/2019		

Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.6	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	1.6 lbF Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	2.2 lbF Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.0 lbF Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	4.4 lbF Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	4.2 lbF Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.0 lbF Pass
ANSI Z359.14-2014 4.2.6	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	1.6 lbF Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	2.0 lbF Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.0 lbF Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	4.0 lbF Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	4.2 lbF Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	4.8 lbF Pass
ANSI Z359.14-2014 4.2.6	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	1.8 lbF Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	2.2 lbF Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.0 lbF Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	4.2 lbF Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.0 lbF Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.2 lbF Pass



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Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.14-2014 4.2.1 / 4.2.8.1	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	33.4"	Pass
	Max Arrest Force	≤ 1800 Lbf	879.9 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	622.6 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	1.8 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	2.0 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	3.0 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	4.4 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	4.4 lbF	Pass
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Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.14-2014 4.2.1 / 4.2.8.2	Arrest Distance	Class A \leq 24" Class B \leq 54"	52.2"	Pass
	Max Arrest Force	\leq 1800 Lbf	1142.0 lbF	Pass
	Avg Arrest Force	Class A \leq 1575 Lbf Class B \leq 1125 Lbf	815.7 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	1.6 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	2.2 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	3.0 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	3.8 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	4.0 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	5.2 lbF	Pass



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Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.14-2014 4.2.1 / 4.2.8.3	Arrest Distance	Class A \leq 24" Class B \leq 54"	39.5"	Pass
	Max Arrest Force	\leq 1800 Lbf	920.4 lbF	Pass
	Avg Arrest Force	Class A \leq 1575 Lbf Class B \leq 1125 Lbf	647.0 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	1.6 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	2.0 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	3.0 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	3.4 lbF	Pass
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Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 3.1.5	Corrosion Protection	Function as Intended: Pay out, Retract and Lock	See Element Report# FAL003-19-08-88003-1R3	Pass
	Corrosion Protection	Corrosion that could result in failure	See Element Report# FAL003-19-08-88003-1R3	Pass

Conclusion

Based upon the samples provided to the Lab:
FallTech P/N 7276BWR Rev. A meets the requirements of ANSI Z359.14-2014.

Report Signatories and Approval

Lab Quality Manager		Date	8/21/2019
Witnessed by	Not Required	Date	N/A



Contact: Dan Redden
 FallTech
 1306 S. Alameda Street
 Compton, CA 90221

TEST CERTIFICATE — EAR-CONTROLLED DATA

P.O. No.: 16635
 Report No.: FAL003-19-08-88003-1R3
 Date Received: 8/7/2019
 Report Date: 8/8/2019

Report Delivered Via: dredden@falltech.com
 Attachments: None

Work Requested: Report Revised 08/12/2019: Revised sample id from 7276WR to 7276BWR
 Report Revised 08/09/2019: Added ISO 17025 accreditation logo and number, and added reference to ANSI Z359.14; 3.1.5.
 Report Revised 08/08/2019: Updated sample id from 7276 to 7276WR per customer's instructions.

Salt Spray for 96 hours on (2) Self-Retracting Devices per ANSI Z359.14; 3.1.5

Salt Spray Results

Test Method	ASTM B117-18
Duration (hrs)	96

Specimen	Observations
7278	Both specimens had no corrosion which, if left unchecked, could result in corrosion-related failure
7276BWR	

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Accreditation #: L18-538-R1

Respectfully submitted



Danielle Troia
 Technical Coordinator
 248-560-4004

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