

# 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 #

D1020040

Declaration Date

10/8/2020

Tested Item # **727630C 30' Galv Cable Contractor C SRL w/ Carabiner**

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-2026**

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

10/8/2020



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

<b>Test Report No.</b>	PC-2026	<b>Rpt. Date</b>	10/8/2020	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	727630C			<b>Part No. Revision</b>	A		
<b>Part Description</b>	30' Galv Cable Contractor C SRL w/carabiner						
<b>Test Request No.</b>	PC-2026			<b>Date Complete</b>	10/7/2020		
<b>Test Operator(s)</b>	Yesbet Sierra / Jay Sponholz						

### Material/Sample Identification

Sample ID	Description
900411	30' Galv Cable Contractor C SRL w/carabiner
900413	30' Galv Cable Contractor C SRL w/carabiner
900646	30' Galv Cable Contractor C SRL w/carabiner
900645	30' Galv Cable Contractor C SRL w/carabiner
900643	30' Galv Cable Contractor C SRL w/carabiner
900412	30' Galv Cable Contractor C SRL w/carabiner
900402	30' Galv Cable Contractor C SRL w/carabiner
900644	30' Galv Cable Contractor C SRL w/carabiner
900410	30' Galv Cable Contractor C SRL w/carabiner
900411	30' Galv Cable Contractor C SRL w/carabiner
900413	30' Galv Cable Contractor C SRL w/carabiner
900646	30' Galv Cable Contractor C SRL w/carabiner
900426	30' Galv Cable Contractor C SRL w/carabiner
900409	30' Galv Cable Contractor C SRL w/carabiner
900414	30' Galv Cable Contractor C SRL w/carabiner



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<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	727630C	<b>Part No. Revision</b>	A				
<b>Part Description</b>	30' Galv Cable Contractor C SRL w/carabiner						
<b>Test Request No.</b>	PC-2026	<b>Date Complete</b>	10/7/2020				

### 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"	33.2"	Pass
	Max Arrest Force	$\leq$ 1800 Lbf	1070.3 lbF	Pass
	Avg Arrest Force	Class A $\leq$ 1350 Lbf Class B $\leq$ 900 Lbf	613.1 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq$ 24" Extended	1.9 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq$ 24" Extended	2.8 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq$ 24" Extended	3.1 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq$ 24" Extended	2.7 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq$ 24" Extended	3.6 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq$ 24" Extended	5.2 lbF	Pass



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<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
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<b>Part Description</b>	30' Galv Cable Contractor C SRL w/carabiner						
<b>Test Request No.</b>	PC-2026			<b>Date Complete</b>	10/7/2020		

### 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 $\leq 54"$	29.0"	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1164.4 lbF	Pass
	Avg Arrest Force	Class A $\leq 1350$ Lbf Class B $\leq 900$ Lbf	663.9 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	1.9 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	2.5 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	2.3 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	2.9 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	3.6 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	4.2 lbF	Pass



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<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	727630C			<b>Part No. Revision</b>	A		
<b>Part Description</b>	30' Galv Cable Contractor C SRL w/carabiner						
<b>Test Request No.</b>	PC-2026			<b>Date Complete</b>	10/7/2020		

### 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 $\leq 54"$	31.6"	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1014.1 lbF	Pass
	Avg Arrest Force	Class A $\leq 1350$ Lbf Class B $\leq 900$ Lbf	682.6 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	2.1 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	2.8 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	2.5 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	3.4 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	4.1 lbF	Pass



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<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
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<b>Part Description</b>	30' Galv Cable Contractor C SRL w/carabiner						
<b>Test Request No.</b>	PC-2026			<b>Date Complete</b>	10/7/2020		

### 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	1028.4 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	1019.4 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	1037.3 lbf	Pass
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3035.1 lbf	Pass
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3032.5 lbf	Pass
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3050.8 lbf	Pass



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<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
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<b>Part Description</b>	30' Galv Cable Contractor C SRL w/carabiner						
<b>Test Request No.</b>	PC-2026	<b>Date Complete</b>	10/7/2020				

### 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	1.8 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	2.8 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.3 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.8 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.7 lbF	Pass
ANSI Z359.14-2014 4.2.6	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	1.4 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	2.1 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	2.9 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	2.6 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.8 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	4.2 lbF	Pass
ANSI Z359.14-2014 4.2.6	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	1.7 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	2.4 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	2.5 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	2.8 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.3 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.8 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 $\leq 54"$	28.1"	Pass
	Max Arrest Force	$\leq 1800$ Lbf	847.2 lbF	Pass
	Avg Arrest Force	Class A $\leq 1575$ Lbf Class B $\leq 1125$ Lbf	578.7 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	2.2 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	2.6 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	2.7 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	3.3 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	3.4 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	4.2 lbF	Pass





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<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	727630C			<b>Part No. Revision</b>	A		
<b>Part Description</b>	30' Galv Cable Contractor C SRL w/carabiner						
<b>Test Request No.</b>	PC-2026			<b>Date Complete</b>	10/7/2020		

### 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"	24.4"	Pass
	Max Arrest Force	$\leq$ 1800 Lbf	1143.9 lbF	Pass
	Avg Arrest Force	Class A $\leq$ 1575 Lbf Class B $\leq$ 1125 Lbf	835.4 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq$ 24" Extended	2.4 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq$ 24" Extended	2.3 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	2.8 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq$ 24" Extended	3.9 lbF	Pass
	Retraction Tension 100% 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 / 4.2.8.3	Arrest Distance	Class A $\leq$ 24" Class B $\leq$ 54"	25.2"	Pass
	Max Arrest Force	$\leq$ 1800 Lbf	1172.3 lbF	Pass
	Avg Arrest Force	Class A $\leq$ 1575 Lbf Class B $\leq$ 1125 Lbf	613.4 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	2.4 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq$ 24" Extended	2.9 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq$ 24" Extended	3.1 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq$ 24" Extended	3.6 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 Midwest Report#	Pending
	Corrosion Protection	Corrosion that could result in failure	See Midwest Report#	Pending

### Conclusion

Based upon the samples provided to the Lab:  
 FallTech P/N 727630C Rev. A meets the requirements of ANSI Z359.14-2014.

### Report Signatories and Approval

Lab Quality Manager		Date	10/8/2020
Witnessed by	Not Required	Date	N/A

