

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 #

D1020041

Declaration Date

10/8/2020

Tested Item # **727650C 50' 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-2027

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

10/8/2020



International Accreditation Service, Inc
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FallTech Lab - TL-594
ISO/IEC 17025:2005
Alexander Andrew Inc dba FallTech

FallTech Test Report

Test Report No.	PC-2027	Rpt. Date	10/8/2020	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.	727650C	Part No. Revision	A				
Part Description	50' Galv Cable Contractor C SRL w/carabiner						
Test Request No.	PC-2027	Date Complete	10/7/2020				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
1000335	50' Galv Cable Contractor C SRL w/carabiner
1000336	50' Galv Cable Contractor C SRL w/carabiner
1000340	50' Galv Cable Contractor C SRL w/carabiner
1000314	50' Galv Cable Contractor C SRL w/carabiner
1000339	50' Galv Cable Contractor C SRL w/carabiner
1000333	50' Galv Cable Contractor C SRL w/carabiner
1000315	50' Galv Cable Contractor C SRL w/carabiner
1000316	50' Galv Cable Contractor C SRL w/carabiner
1000334	50' Galv Cable Contractor C SRL w/carabiner
1000335	50' Galv Cable Contractor C SRL w/carabiner
1000336	50' Galv Cable Contractor C SRL w/carabiner
1000340	50' Galv Cable Contractor C SRL w/carabiner
1000337	50' Galv Cable Contractor C SRL w/carabiner
1000342	50' Galv Cable Contractor C SRL w/carabiner
1000341	50' Galv Cable Contractor C SRL w/carabiner



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Part No.	727650C			Part No. Revision	A		
Part Description	50' Galv Cable Contractor C SRL w/carabiner						
Test Request No.	PC-2027			Date Complete	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 $\leq 54"$	27.2"	Pass
	Max Arrest Force	≤ 1800 Lbf	1417.3 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	859.2 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	1.6 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	3.0 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	3.9 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	4.1 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	4.8 lbF	Pass



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Part No.	727650C			Part No. Revision	A		
Part Description	50' Galv Cable Contractor C SRL w/carabiner						
Test Request No.	PC-2027			Date Complete	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 $\leq 54"$	39.1"	Pass
	Max Arrest Force	≤ 1800 Lbf	1404.7 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	926.5 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	3.0 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	3.3 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	4.5 lbF	Pass



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Part No.	727650C			Part No. Revision	A		
Part Description	50' Galv Cable Contractor C SRL w/carabiner						
Test Request No.	PC-2027			Date Complete	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 $\leq 54"$	30.9"	Pass
	Max Arrest Force	≤ 1800 Lbf	1056.3 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	799.7 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	3.3 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	3.3 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	3.9 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	3.9 lbF	Pass



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Part No.	727650C			Part No. Revision	A		
Part Description	50' Galv Cable Contractor C SRL w/carabiner						
Test Request No.	PC-2027			Date Complete	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	1027.8 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	1011.7 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	1014.1 lbf	Pass
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3033.9 lbf	Pass
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3035.0 lbf	Pass
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3039.4 lbf	Pass



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Part No.	727650C	Part No. Revision	A				
Part Description	50' Galv Cable Contractor C SRL w/carabiner						
Test Request No.	PC-2027	Date Complete	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	1.7 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	3.1 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.5 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	4.1 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	2.3 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	2.6 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	2.5 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	3.9 lbF	Pass
ANSI Z359.14-2014 4.2.6	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	1.9 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	2.8 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	3.1 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	4.6 lbF	Pass



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Part No.	727650C	Part No. Revision	A				
Part Description	50' Galv Cable Contractor C SRL w/carabiner						
Test Request No.	PC-2027	Date Complete	10/7/2020				

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"	18.3"	Pass
	Max Arrest Force	\leq 1800 Lbf	1385.1 lbF	Pass
	Avg Arrest Force	Class A \leq 1575 Lbf Class B \leq 1125 Lbf	947.7 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	1.9 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	1.9 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	2.8 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	3.9 lbF	Pass



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Part No.	727650C	Part No. Revision	A				
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Test Request No.	PC-2027	Date Complete	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"	22.7"	Pass
	Max Arrest Force	\leq 1800 Lbf	1160.2 lbF	Pass
	Avg Arrest Force	Class A \leq 1575 Lbf Class B \leq 1125 Lbf	697.0 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	2.0 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	3.5 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	3.7 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	4.4 lbF	Pass



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Part No.	727650C			Part No. Revision	A		
Part Description	50' Galv Cable Contractor C SRL w/carabiner						
Test Request No.	PC-2027			Date Complete	10/7/2020		

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"	22.9"	Pass
	Max Arrest Force	\leq 1800 Lbf	1428.8 lbF	Pass
	Avg Arrest Force	Class A \leq 1575 Lbf Class B \leq 1125 Lbf	1057.2 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	1.6 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	2.5 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	2.3 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	2.8 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	3.3 lbF	Pass



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Part No.	727650C	Part No. Revision	A				
Part Description	50' Galv Cable Contractor C SRL w/carabiner						
Test Request No.	PC-2027	Date Complete	10/7/2020				


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 727650C 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

