

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 #

D0404068a

Declaration Date

4/14/2023

Tested Item #

7232C

30' Galv Cable SRD DuraTech w/Steel Load-indicating Swivel Carabiner

Additional Items Conforming Under this Declaration:

7229C

7227C

Alexander Andrew, Inc. declares that the product(s) listed above is in conformity with the requirements of the following product standard(s):

ANSI Z359.14-2021

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-2751

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

4/4/2023



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FallTech Lab - TL-594
ISO/IEC 17025:2017

Alexander Andrew Inc dba FallTech

FallTech Test Report

Test Report No.	PC-2751	Rpt. Date	1/23/2023	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Zachary Winters	Test Specification(s)	ANSI Z359.14-2021: 4.2.1, 4.3.1, 4.4, 4.5.1,				
Part No.	7232C	Part No. Revision	G				
Part Description	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner						
Test Request No.	PC-2751	Date Complete	1/17/2023				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
FT74468	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner
FT74493	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner
FT74489	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner
FT74489	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner
FT74000	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner
FT73659	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner
FT74498	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner
FT74451	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner
FT74456	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner
FT74434	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner
FT74413	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner
FT74435	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner
FT74405	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner
FT74446	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner
FT74469	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner
FT74483	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner
FT74415	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner
FT74432	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner
FT74498	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner
FT74451	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner
FT74456	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner

Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.14-2021 4.2.1	Static Strength ≥ 3600 Lbf for ≥ 60 Seconds	3638.9 lbf	Pass
ANSI Z359.14-2021 4.2.1	Static Strength ≥ 3600 Lbf for ≥ 60 Seconds	3637.1 lbf	Pass
ANSI Z359.14-2021 4.2.1	Static Strength ≥ 3600 Lbf for ≥ 60 Seconds	3623.7 lbf	Pass

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Part No.	7232C	Part No. Revision	G				
Part Description	30' Galv Cable DuraTech SRD w/Steel Load-indicating Swivel Carabiner						
Test Request No.	PC-2751	Date Complete	1/17/2023				

Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.14-2021 4.4	Energy Capacity > 1800 Lbf Max Arrest Force	1477.1 lbF	Pass
ANSI Z359.14-2021 4.4	Energy Capacity > 1800 Lbf Max Arrest Force	1802.3 lbF	Pass
ANSI Z359.14-2021 4.4	Energy Capacity > 1800 Lbf Max Arrest Force	1848.3 lbF	Pass
ANSI Z359.14-2021 4.3.1	Max Arrest Force	≤ 1800 Lbf 1042.1 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf 735.8 lbF	Pass
	Arrest Distance	≤ 42" 24.9"	Pass
	Visual Indicator	Clear evidence of Impact Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1	Max Arrest Force	≤ 1800 Lbf 1223.2 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf 888.2 lbF	Pass
	Arrest Distance	≤ 42" 23.5"	Pass
	Visual Indicator	Clear evidence of Impact Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1	Max Arrest Force	≤ 1800 Lbf 950.1 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf 745.6 lbF	Pass
	Arrest Distance	≤ 42" 27.0"	Pass
	Visual Indicator	Clear evidence of Impact Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7	Max Arrest Force	≤ 1800 Lbf 932.7 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf 751.1 lbF	Pass
	Arrest Distance	≤ 42" 16.3"	Pass
	Visual Indicator	Clear evidence of Impact Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7	Max Arrest Force	≤ 1800 Lbf 917.8 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf 762.7 lbF	Pass
	Arrest Distance	≤ 42" 19.9"	Pass
	Visual Indicator	Clear evidence of Impact Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7	Max Arrest Force	≤ 1800 Lbf 956.9 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf 692.4 lbF	Pass
	Arrest Distance	≤ 42" 22.7"	Pass
	Visual Indicator	Clear evidence of Impact Clear Evidence	Pass

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Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2021 4.3.1.8	Max Arrest Force	≤ 1800 Lbf	1319.4 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	872.3 lbF	Pass
	Arrest Distance	≤ 42"	14.4"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8	Max Arrest Force	≤ 1800 Lbf	1244.7 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	824.6 lbF	Pass
	Arrest Distance	≤ 42"	20.8"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8	Max Arrest Force	≤ 1800 Lbf	1232.3 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	840.4 lbF	Pass
	Arrest Distance	≤ 42"	26.8"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9	Max Arrest Force	≤ 1800 Lbf	1092.9 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	841.7 lbF	Pass
	Arrest Distance	≤ 42"	22.8"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9	Max Arrest Force	≤ 1800 Lbf	980.1 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	782.9 lbF	Pass
	Arrest Distance	≤ 42"	25.7"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9	Max Arrest Force	≤ 1800 Lbf	965.3 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	773.8 lbF	Pass
	Arrest Distance	≤ 42"	23.3"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass

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Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.14-2021 4.5.1	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	3.4 lbF Pass
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	2.6 lbF Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	3.2 lbF Pass
ANSI Z359.14-2021 4.5.1	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	4.2 lbF Pass
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	3.6 lbF Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	3.3 lbF Pass
ANSI Z359.14-2021 4.5.1	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	3.9 lbF Pass
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	2.9 lbF Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	3.3 lbF Pass

Conclusion

Based upon the samples provided to the Lab: FallTech P/N 7232C Rev. G meets the requirements of ANSI Z359.14-2021
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Report Signatories and Approval

Lab Quality Manager		Date	1/23/2023
Witnessed by	Not Required	Date	N/A