

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 #

D0913052

Declaration Date

9/13/2022

Tested Item #

84308TP8

8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner

Additional Items Conforming Under this Declaration:

84308TP8S

84308RP8

84308RP8S

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-2680

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

9/13/2022



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

Alexander Andrew Inc dba FallTech

FallTech Test Report

Test Report No.	PC-2680	Rpt. Date	9/12/2022	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2021: 4.2.1, 4.2.3, 4.3.1, 4.3.2, 4.5.1, 4.6.1, 4.6.2, 4.6.3				
Part No.	84308TP8	Part No. Revision	A				
Part Description	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner						
Test Request No.	PC-2680	Date Complete	9/1/2022				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
6554569	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554579	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554568	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554554	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554575	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554574	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554552	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554528	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554523	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554567	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554565	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554573	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554567	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554565	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554573	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554570	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554478	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554576	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554554	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554575	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554574	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554564	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554577	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554558	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554561	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554563	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554581	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554556	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554553	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554571	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554552	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554528	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner
6554523	8' Web FT-X Tie-back SRL, Twin-leg with Steel 5K Carabiner

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Part No.	84308TP8	Part No. Revision	A				
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Test Request No.	PC-2680	Date Complete	9/1/2022				

Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.14-2021 4.2.1	Static Strength ≥ 3600 Lbf for ≥ 60 Seconds	3630.2 lbf	Pass
ANSI Z359.14-2021 4.2.1	Static Strength ≥ 3600 Lbf for ≥ 60 Seconds	3622.7 lbf	Pass
ANSI Z359.14-2021 4.2.1	Static Strength ≥ 3600 Lbf for ≥ 60 Seconds	3633.9 lbf	Pass
ANSI Z359.14-2021 4.6.1	Static Strength, Dual Configuration ≥ 3600 Lbf for ≥ 60 Seconds	3647.7 lbf	Pass
ANSI Z359.14-2021 4.6.1	Static Strength, Dual Configuration ≥ 3600 Lbf for ≥ 60 Seconds	3631.1 lbf	Pass
ANSI Z359.14-2021 4.6.1	Static Strength, Dual Configuration ≥ 3600 Lbf for ≥ 60 Seconds	3624.2 lbf	Pass
ANSI Z359.14-2021 4.6.3	Static Strength Wrap-Around ≥ 3600 Lbf for ≥ 60 Seconds	3626.9 lbf	Pass
ANSI Z359.14-2021 4.6.3	Static Strength Wrap-Around ≥ 3600 Lbf for ≥ 60 Seconds	3637.6 lbf	Pass
ANSI Z359.14-2021 4.6.3	Static Strength Wrap-Around ≥ 3600 Lbf for ≥ 60 Seconds	3638.7 lbf	Pass
ANSI Z359.14-2021 4.2.3	Locking Strength ≥ 1800 Lbf for ≥ 60 Seconds	1823.0 Lbf	Pass
ANSI Z359.14-2021 4.2.3	Locking Strength ≥ 1800 Lbf for ≥ 60 Seconds	1845.7 Lbf	Pass
ANSI Z359.14-2021 4.2.3	Locking Strength ≥ 1800 Lbf for ≥ 60 Seconds	1824.7 Lbf	Pass
ANSI Z359.14-2021 4.3.2	Max Arrest 72" Freefall ≤ 1800 Lbf	1254.0 Lbf	Pass
	Visual Indicator	Clear Evidence of Impact	Clear Evidence
ANSI Z359.14-2021 4.3.2	Max Arrest 72" Freefall ≤ 1800 Lbf	1238.5 Lbf	Pass
	Visual Indicator	Clear Evidence of Impact	Clear Evidence
ANSI Z359.14-2021 4.3.2	Max Arrest 72" Freefall ≤ 1800 Lbf	1146.8 Lbf	Pass
	Visual Indicator	Clear Evidence of Impact	Clear Evidence

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Test Request No.	PC-2680	Date Complete	9/1/2022				

Test Summary (continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.14-2021 4.6.2	Max Arrest Dual Configuration	\leq 1800 Lbf	1260.2 Lbf	Pass
	Visual Indicator	Clear Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.6.2	Max Arrest Dual Configuration	\leq 1800 Lbf	1663.2 Lbf	Pass
	Visual Indicator	Clear Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.6.2	Max Arrest Dual Configuration	\leq 1800 Lbf	1555.8 Lbf	Pass
	Visual Indicator	Clear Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1	Max Arrest Force	\leq 1800 Lbf	1162.5 lbF	Pass
	Avg Arrest Force	\leq 1350 Lbf	838.9 lbF	Pass
	Arrest Distance	\leq 42"	35.8"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1	Max Arrest Force	\leq 1800 Lbf	1160.8 lbF	Pass
	Avg Arrest Force	\leq 1350 Lbf	786.8 lbF	Pass
	Arrest Distance	\leq 42"	28.4"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1	Max Arrest Force	\leq 1800 Lbf	1354.3 lbF	Pass
	Avg Arrest Force	\leq 1350 Lbf	864.8 lbF	Pass
	Arrest Distance	\leq 42"	30.8"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7	Max Arrest Force	\leq 1800 Lbf	1093.3 lbF	Pass
	Avg Arrest Force	\leq 1575 Lbf	787.1 lbF	Pass
	Arrest Distance	\leq 42"	36.1"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass

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Test Summary (continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.14-2021 4.3.1.7	Max Arrest Force	≤ 1800 Lbf	1302.6 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	829.5 lbF	Pass
	Arrest Distance	≤ 42"	34.2"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7	Max Arrest Force	≤ 1800 Lbf	1128.0 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	710.5 lbF	Pass
	Arrest Distance	≤ 42"	35.8"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8	Max Arrest Force	≤ 1800 Lbf	1244.0 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	849.1 lbF	Pass
	Arrest Distance	≤ 42"	32.1"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8	Max Arrest Force	≤ 1800 Lbf	1320.2 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	896.7 lbF	Pass
	Arrest Distance	≤ 42"	31.3"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8	Max Arrest Force	≤ 1800 Lbf	1502.1 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	871.7 lbF	Pass
	Arrest Distance	≤ 42"	30.9"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9	Max Arrest Force	≤ 1800 Lbf	1113.6 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	776.9 lbF	Pass
	Arrest Distance	≤ 42"	32.5"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass

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Test Summary (continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.14-2021 4.3.1.9	Max Arrest Force	≤ 1800 Lbf	1163.0 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	766.7 lbF	Pass
	Arrest Distance	≤ 42"	32.6"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9	Max Arrest Force	≤ 1800 Lbf	1214.2 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	844.3 lbF	Pass
	Arrest Distance	≤ 42"	33.3"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.5.1	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	2.4 lbF	Pass
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	3.1 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	6.2 lbF	Pass
	ANSI Z359.14-2021 4.5.1	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	2.4 lbF
Retraction Tension 50% Extracted		1.25 Lbf - 25 Lbf ≤ 48" Extended	2.4 lbF	Pass
Retraction Tension 100% Extracted		1.25 Lbf - 25 Lbf ≤ 48" Extended	4.6 lbF	Pass
ANSI Z359.14-2021 4.5.1		Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	2.7 lbF
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	3.2 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	4.3 lbF	Pass

Conclusion

Based upon the samples provided to the Lab:
 FallTech P/N 84308TP8 Rev. A meets the requirements of ANSI Z359.14-2021

Report Signatories and Approval

Lab Quality Manager		Date	9/12/2022
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