

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 #

D0719084

Declaration Date

7/19/2024

Tested Item #

721560LEC

FT-R SRL, Class 2 Leading Edge, 60' Plastic Housing, 420 lb Max

Additional Items Conforming Under this Declaration:

721550LEC

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

X

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-3183

Authorized Signature

A handwritten signature in black ink, appearing to read 'Zachary Winters', written over a dashed line.

Name

Zachary Winters

Title

Engineering Manager

Date

7/19/2024



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3060 Saturn St, Ste 100
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FallTech Lab - TL-594
ISO/IEC 17025:2017
Alexander Andrew Inc dba FallTech

FallTech Test Report

Test Report No.	PC-3183	Rpt. Date	7/19/2024	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Zachary Winters	Test Specification(s)		ANSI Z359.14-2021: 4.2, 4.3, 4.5			
Part No.	721560LEC			Part No. Revision		A	
Part Description	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max						
Test Request No.	PC-3183			Date Complete		7/18/2024	
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
FT78276	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78262	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78215	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78214	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78293	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78231	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78249	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78239	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78218	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78257	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78221	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78204	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78209	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78289	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78233	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78242	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78263	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78228	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78256	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78292	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78248	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78237	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78260	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78295	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78268	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78299	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78245	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78254	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78287	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78203	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78278	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78298	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78274	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max

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Part Description	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max						
Test Request No.	PC-3183			Date Complete		7/18/2024	
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification (Continued)

Sample ID	Description
FT78294	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78285	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max
FT78265	FT-R SRL, Class 2 Leading Edge, 60' 420 lb max

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2021 4.2.1	Static Strength	≥ 3600 Lbf for ≥ 60 Seconds	3635.8 lbF	Pass
ANSI Z359.14-2021 4.2.1	Static Strength	≥ 3600 Lbf for ≥ 60 Seconds	3630.9 lbF	Pass
ANSI Z359.14-2021 4.2.1	Static Strength	≥ 3600 Lbf for ≥ 60 Seconds	3632.9 lbF	Pass
ANSI Z359.14-2021 4.2.3	Locking Strength	> 1800 Lbf for > 60 Seconds	1830.9 lbF	Pass
ANSI Z359.14-2021 4.2.1	Locking Strength	> 1800 Lbf for > 60 Seconds	1831.4 lbF	Pass
ANSI Z359.14-2021 4.2.1	Locking Strength	> 1800 Lbf for > 60 Seconds	1828.0 lbF	Pass
ANSI Z359.14-2021 4.3.1 DPT Ambient	Max Arrest Force	≤ 1800 Lbf	1284.8 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	800.8 lbF	Pass
	Arrest Distance	≤ 42 "	33.2"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1 DPT Ambient	Max Arrest Force	≤ 1800 Lbf	1026.8 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	766.8 lbF	Pass
	Arrest Distance	≤ 42 "	25.9"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1 DPT Ambient	Max Arrest Force	≤ 1800 Lbf	1085.2 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	807.6 lbF	Pass
	Arrest Distance	≤ 42 "	26.5"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass

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Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2021 4.3.1.7 DPT Hot	Max Arrest Force	≤ 1800 Lbf	979.6 lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	732.4 lbf	Pass
	Arrest Distance	≤ 42 "	30.8"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7 DPT Hot	Max Arrest Force	≤ 1800 Lbf	1043.7 lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	688.4 lbf	Pass
	Arrest Distance	≤ 42 "	28.2"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7 DPT Hot	Max Arrest Force	≤ 1800 Lbf	1139.7 lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	715.4 lbf	Pass
	Arrest Distance	≤ 42 "	37.1"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8 DPT Cold	Max Arrest Force	≤ 1800 Lbf	1194.4 lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	915.6 lbf	Pass
	Arrest Distance	≤ 42 "	27.6"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8 DPT Cold	Max Arrest Force	≤ 1800 Lbf	1131.0 lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	835.0 lbf	Pass
	Arrest Distance	≤ 42 "	28.1"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8 DPT Cold	Max Arrest Force	≤ 1800 Lbf	1071.2 lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	852.1 lbf	Pass
	Arrest Distance	≤ 42 "	24.2"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass

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Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2021 4.3.1.9 DPT Wet	Max Arrest Force	≤ 1800 Lbf	1346.7 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	803.0 lbF	Pass
	Arrest Distance	≤ 42 "	37.7"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9 DPT Wet	Max Arrest Force	≤ 1800 Lbf	1433.9 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	819.9 lbF	Pass
	Arrest Distance	≤ 42 "	38.0"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9 DPT Wet	Max Arrest Force	≤ 1800 Lbf	1009.3 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	778.7 lbF	Pass
	Arrest Distance	≤ 42 "	23.5"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.3 (Perpendicular)	Max Arrest Force	≤ 1800 Lbf	1126.8 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	828.5 lbF	Pass
	Arrest Distance	Not Applicable	90.8"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	703.0 lbF	Pass
ANSI Z359.14-2021 4.3.3 (Perpendicular)	Max Arrest Force	≤ 1800 Lbf	1172.7 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	831.3 lbF	Pass
	Arrest Distance	Not Applicable	89.4"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	703.3 lbF	Pass
ANSI Z359.14-2021 4.3.3 (Perpendicular)	Max Arrest Force	≤ 1800 Lbf	1157.7 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	897.7 lbF	Pass
	Arrest Distance	Not Applicable	90.6"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	700.6 lbF	Pass

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Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2021 4.3.3.8 (Perpendicular Hot)	Max Arrest Force	≤ 1800 Lbf	1055.8 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	786.1 lbF	Pass
	Arrest Distance	Not Applicable	95.5"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	697.6 lbF	Pass
ANSI Z359.14-2021 4.3.3.8 (Perpendicular Hot)	Max Arrest Force	≤ 1800 Lbf	1057.5 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	838.7 lbF	Pass
	Arrest Distance	Not Applicable	95.9"	Information only
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	709.5 lbF	Pass
ANSI Z359.14-2021 4.3.3.8 (Perpendicular Hot)	Max Arrest Force	≤ 1800 Lbf	1115.3 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	811.7 lbF	Pass
	Arrest Distance	Not Applicable	93.8"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	699.0 lbF	Pass
ANSI Z359.14-2021 4.3.3.9 (Perpendicular Cold)	Max Arrest Force	≤ 1800 Lbf	1241.3 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	910.8 lbF	Pass
	Arrest Distance	Not Applicable	86.1"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	695.3 lbF	Pass
ANSI Z359.14-2021 4.3.3.9 (Perpendicular Cold)	Max Arrest Force	≤ 1800 Lbf	1209.4 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	920.7 lbF	Pass
	Arrest Distance	Not Applicable	88.8"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	733.9 lbF	Pass
ANSI Z359.14-2021 4.3.3.9 (Perpendicular Cold)	Max Arrest Force	≤ 1800 Lbf	1223.0 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	927.6 lbF	Pass
	Arrest Distance	Not Applicable	89.2"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	693.4 lbF	Pass

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Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2021 4.3.3.10 (Perpendicular Wet)	Max Arrest Force	≤ 1800 Lbf	1161.4 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	922.0 lbF	Pass
	Arrest Distance	Not Applicable	90.2"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	696.7 lbF	Pass
ANSI Z359.14-2021 4.3.3.10 (Perpendicular Wet)	Max Arrest Force	≤ 1800 Lbf	1222.8 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	897.2 lbF	Pass
	Arrest Distance	Not Applicable	88.6"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	749.8 lbF	Pass
ANSI Z359.14-2021 4.3.3.10 (Perpendicular Wet)	Max Arrest Force	≤ 1800 Lbf	1201.7 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	894.8 lbF	Pass
	Arrest Distance	Not Applicable	92.0"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	692.3 lbF	Pass
ANSI Z359.14-2021 4.3.3 (Lateral Offset)	Max Arrest Force	≤ 1800 Lbf	1144.6 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	781.4 lbF	Pass
	Arrest Distance	Not Applicable	113.3"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	708.5 lbF	Pass
ANSI Z359.14-2021 4.3.3 (Lateral Offset)	Max Arrest Force	≤ 1800 Lbf	1233.4 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	799.0 lbF	Pass
	Arrest Distance	Not Applicable	105.5"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	714.7 lbF	Pass
ANSI Z359.14-2021 4.3.3 (Lateral Offset)	Max Arrest Force	≤ 1800 Lbf	1451.9 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	837.5 lbF	Pass
	Arrest Distance	Not Applicable	108.2"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	733.7 lbF	Pass

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Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2021 4.3.3.8 (Lateral Offset Hot)	Max Arrest Force	≤ 1800 Lbf	1107.2 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	849.6 lbF	Pass
	Arrest Distance	Not Applicable	118.8"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	696.4 lbF	Pass
ANSI Z359.14-2021 4.3.3.8 (Lateral Offset Hot)	Max Arrest Force	≤ 1800 Lbf	1123.7 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	847.9 lbF	Pass
	Arrest Distance	Not Applicable	120.5"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	717.8 lbF	Pass
ANSI Z359.14-2021 4.3.3.8 (Lateral Offset Hot)	Max Arrest Force	≤ 1800 Lbf	1043.7 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	776.6 lbF	Pass
	Arrest Distance	Not Applicable	118.9"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	701.5 lbF	Pass
ANSI Z359.14-2021 4.3.3.9 (Lateral Offset Cold)	Max Arrest Force	≤ 1800 Lbf	1213.8 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	806.5 lbF	Pass
	Arrest Distance	Not Applicable	111.6"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	695.0 lbF	Pass
ANSI Z359.14-2021 4.3.3.9 (Lateral Offset Cold)	Max Arrest Force	≤ 1800 Lbf	1384.6 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	803.3 lbF	Pass
	Arrest Distance	Not Applicable	105.1"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	702.3 lbF	Pass
ANSI Z359.14-2021 4.3.3.9 (Lateral Offset Cold)	Max Arrest Force	≤ 1800 Lbf	1366.6 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	810.2 lbF	Pass
	Arrest Distance	Not Applicable	106.6"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	692.4 lbF	Pass

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Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2021 4.3.3.10 (Lateral Offset Wet)	Max Arrest Force	≤ 1800 Lbf	1300.1 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	883.2 lbF	Pass
	Arrest Distance	Not Applicable	113.3"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	695.7 lbF	Pass
ANSI Z359.14-2021 4.3.3.10 (Lateral Offset Wet)	Max Arrest Force	≤ 1800 Lbf	1243.8 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	801.7 lbF	Pass
	Arrest Distance	Not Applicable	112.8"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	704.8 lbF	Pass
ANSI Z359.14-2021 4.3.3.10 (Lateral Offset Wet)	Max Arrest Force	≤ 1800 Lbf	1160.3 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	871.6 lbF	Pass
	Arrest Distance	Not Applicable	117.3"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	712.1 lbF	Pass
ANSI Z359.14-2021 4.5.1	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 48"$ Extended	5.3 lbF	Pass
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf $\leq 48"$ Extended	5.1 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 48"$ Extended	7.2 lbF	Pass
ANSI Z359.14-2021 4.5.1	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 48"$ Extended	4.9 lbF	Pass
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf $\leq 48"$ Extended	6.2 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 48"$ Extended	6.4 lbF	Pass
ANSI Z359.14-2021 4.5.1	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 48"$ Extended	5.7 lbF	Pass
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf $\leq 48"$ Extended	6.5 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 48"$ Extended	6.2 lbF	Pass

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Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2021 4.5.2	Horizontal Retraction	Retract without Stopping	No Hesitation in Retraction	Pass
ANSI Z359.14-2021 4.5.2	Horizontal Retraction	Retract without Stopping	No Hesitation in Retraction	Pass
ANSI Z359.14-2021 4.5.2	Horizontal Retraction	Retract without Stopping	No Hesitation in Retraction	Pass

Conclusion

Based upon the samples provided to the Lab: FallTech P/N 721560LEC Rev. A meets the requirements of ANSI Z359.14-2021.

Report Signatories and Approval

Lab Quality Manager		Date	7/19/2024
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End of Report