

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 #

D0712083a

Declaration Date

4/23/2025

Tested Item #

721520LEC

FT-R SRL, Class 2 Leading Edge, 20', Plastic Housing, 420 lb max

Additional Items Conforming Under this Declaration:

721520LECB

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-3186

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

4/23/2025



International Accreditation Service, Inc

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-3063	Rpt. Date	7/10/2024	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.	721520LEC			Part No. Revision		A	
Part Description	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max						
Test Request No.	PC-3063			Date Complete		6/28/2024	
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
FT77113	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77187	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77106	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77115	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77191	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77129	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77152	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77163	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77176	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77151	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77137	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77140	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77170	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77196	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77199	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77111	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77158	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77134	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77150	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77156	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77182	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77188	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77197	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77154	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77146	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77122	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77108	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77121	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77117	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77193	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77190	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77126	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77125	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max

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Part Description	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max						
Test Request No.	PC-3063			Date Complete		6/28/2024	
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification (Continued)

Sample ID	Description
FT77149	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77186	FT-R SRL, Class 2 Leading Edge, 20' 420 lb max
FT77107	FT-R SRL, Class 2 Leading Edge, 20' 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	3628.0 lbF	Pass
ANSI Z359.14-2021 4.2.1	Static Strength	≥ 3600 Lbf for ≥ 60 Seconds	3643.5 lbF	Pass
ANSI Z359.14-2021 4.2.1	Static Strength	≥ 3600 Lbf for ≥ 60 Seconds	3631.5 lbF	Pass
ANSI Z359.14-2021 4.2.3	Locking Strength	> 1800 Lbf for > 60 Seconds	1824.9 lbF	Pass
ANSI Z359.14-2021 4.2.1	Locking Strength	> 1800 Lbf for > 60 Seconds	1830.7 lbF	Pass
ANSI Z359.14-2021 4.2.1	Locking Strength	> 1800 Lbf for > 60 Seconds	1827.1 lbF	Pass
ANSI Z359.14-2021 4.3.1 DPT Ambient	Max Arrest Force	≤ 1800 Lbf	921.5 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	769.2 lbF	Pass
	Arrest Distance	≤ 42 "	23.4"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1 DPT Ambient	Max Arrest Force	≤ 1800 Lbf	927.2 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	741.4 lbF	Pass
	Arrest Distance	≤ 42 "	20.8"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1 DPT Ambient	Max Arrest Force	≤ 1800 Lbf	978.9 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	799.3 lbF	Pass
	Arrest Distance	≤ 42 "	21.8"	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	855.1 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	692.4 lbF	Pass
	Arrest Distance	≤ 42 "	31.4"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7 DPT Hot	Max Arrest Force	≤ 1800 Lbf	921.5 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	751.4 lbF	Pass
	Arrest Distance	≤ 42 "	27.3"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7 DPT Hot	Max Arrest Force	≤ 1800 Lbf	884.0 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	676.2 lbF	Pass
	Arrest Distance	≤ 42 "	23.3"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8 DPT Cold	Max Arrest Force	≤ 1800 Lbf	1108.8 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	797.2 lbF	Pass
	Arrest Distance	≤ 42 "	22.2"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8 DPT Cold	Max Arrest Force	≤ 1800 Lbf	1215.1 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	823.3 lbF	Pass
	Arrest Distance	≤ 42 "	26.9"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8 DPT Cold	Max Arrest Force	≤ 1800 Lbf	1051.5 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	850.0 lbF	Pass
	Arrest Distance	≤ 42 "	21.9"	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	1033.0 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	762.5 lbF	Pass
	Arrest Distance	≤ 42 "	22.2"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9 DPT Wet	Max Arrest Force	≤ 1800 Lbf	1107.9 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	794.4 lbF	Pass
	Arrest Distance	≤ 42 "	24.1"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9 DPT Wet	Max Arrest Force	≤ 1800 Lbf	1068.9 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	790.0 lbF	Pass
	Arrest Distance	≤ 42 "	42.0"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.3 (Perpendicular)	Max Arrest Force	≤ 1800 Lbf	1281.9 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	874.6 lbF	Pass
	Arrest Distance	Not Applicable	86.5"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	716.9 lbF	Pass
ANSI Z359.14-2021 4.3.3 (Perpendicular)	Max Arrest Force	≤ 1800 Lbf	1201.0 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	925.8 lbF	Pass
	Arrest Distance	Not Applicable	90.4"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	700.2 lbF	Pass
ANSI Z359.14-2021 4.3.3 (Perpendicular)	Max Arrest Force	≤ 1800 Lbf	1152.8 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	849.3 lbF	Pass
	Arrest Distance	Not Applicable	84.8"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	690.3 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	1144.7 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	831.4 lbF	Pass
	Arrest Distance	Not Applicable	86.8"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	694.7 lbF	Pass
ANSI Z359.14-2021 4.3.3.8 (Perpendicular Hot)	Max Arrest Force	≤ 1800 Lbf	1154.4 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	847.9 lbF	Pass
	Arrest Distance	Not Applicable	90.8"	Information only
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	713.6 lbF	Pass
ANSI Z359.14-2021 4.3.3.8 (Perpendicular Hot)	Max Arrest Force	≤ 1800 Lbf	1175.5 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	825.7 lbF	Pass
	Arrest Distance	Not Applicable	93.3"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	706.3 lbF	Pass
ANSI Z359.14-2021 4.3.3.9 (Perpendicular Cold)	Max Arrest Force	≤ 1800 Lbf	1396.5 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	918.5 lbF	Pass
	Arrest Distance	Not Applicable	84.4"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	700.1 lbF	Pass
ANSI Z359.14-2021 4.3.3.9 (Perpendicular Cold)	Max Arrest Force	≤ 1800 Lbf	1308.2 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	942.3 lbF	Pass
	Arrest Distance	Not Applicable	86.6"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	705.8 lbF	Pass
ANSI Z359.14-2021 4.3.3.9 (Perpendicular Cold)	Max Arrest Force	≤ 1800 Lbf	1285.5 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	846.2 lbF	Pass
	Arrest Distance	Not Applicable	84.9"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	697.6 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 4.3.3.10 (Perpendicular Wet)	Max Arrest Force	≤ 1800 Lbf	1142.9 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	849.3 lbF	Pass
	Arrest Distance	Not Applicable	89.9"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	694.9 lbF	Pass
ANSI Z359.14-2021 4.3.3.10 (Perpendicular Wet)	Max Arrest Force	≤ 1800 Lbf	1266.8 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	890.9 lbF	Pass
	Arrest Distance	Not Applicable	87.4"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	690.8 lbF	Pass
ANSI Z359.14-2021 4.3.3.10 (Perpendicular Wet)	Max Arrest Force	≤ 1800 Lbf	1223.1 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	891.1 lbF	Pass
	Arrest Distance	Not Applicable	89.5"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	706.1 lbF	Pass
ANSI Z359.14-2021 4.3.3 (Lateral Offset)	Max Arrest Force	≤ 1800 Lbf	1245.9 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	851.0 lbF	Pass
	Arrest Distance	Not Applicable	102.7"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	698.8 lbF	Pass
ANSI Z359.14-2021 4.3.3 (Lateral Offset)	Max Arrest Force	≤ 1800 Lbf	1231.9 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	858.2 lbF	Pass
	Arrest Distance	Not Applicable	106.6"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	693.5 lbF	Pass
ANSI Z359.14-2021 4.3.3 (Lateral Offset)	Max Arrest Force	≤ 1800 Lbf	1258.0 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	884.8 lbF	Pass
	Arrest Distance	Not Applicable	107.3"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	762.5 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	1178.7 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	849.0 lbF	Pass
	Arrest Distance	Not Applicable	99.1"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	699.7 lbF	Pass
ANSI Z359.14-2021 4.3.3.8 (Lateral Offset Hot)	Max Arrest Force	≤ 1800 Lbf	1156.1 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	860.0 lbF	Pass
	Arrest Distance	Not Applicable	116.6"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	699.9 lbF	Pass
ANSI Z359.14-2021 4.3.3.8 (Lateral Offset Hot)	Max Arrest Force	≤ 1800 Lbf	1138.3 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	845.2 lbF	Pass
	Arrest Distance	Not Applicable	111.8"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	702.1 lbF	Pass
ANSI Z359.14-2021 4.3.3.9 (Lateral Offset Cold)	Max Arrest Force	≤ 1800 Lbf	1308.8 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	750.8 lbF	Pass
	Arrest Distance	Not Applicable	103.8"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	694.7 lbF	Pass
ANSI Z359.14-2021 4.3.3.9 (Lateral Offset Cold)	Max Arrest Force	≤ 1800 Lbf	1391.2 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	801.6 lbF	Pass
	Arrest Distance	Not Applicable	105.4"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	694.3 lbF	Pass
ANSI Z359.14-2021 4.3.3.9 (Lateral Offset Cold)	Max Arrest Force	≤ 1800 Lbf	1311.7 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	837.4 lbF	Pass
	Arrest Distance	Not Applicable	102.4"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	693.9 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	1201.1 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	900.6 lbF	Pass
	Arrest Distance	Not Applicable	107.1"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	715.4 lbF	Pass
ANSI Z359.14-2021 4.3.3.10 (Lateral Offset Wet)	Max Arrest Force	≤ 1800 Lbf	1251.0 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	902.2 lbF	Pass
	Arrest Distance	Not Applicable	109.8"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	707.1 lbF	Pass
ANSI Z359.14-2021 4.3.3.10 (Lateral Offset Wet)	Max Arrest Force	≤ 1800 Lbf	1224.9 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	879.1 lbF	Pass
	Arrest Distance	Not Applicable	104.6"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	713.3 lbF	Pass
ANSI Z359.14-2021 4.5.1	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 48"$ Extended	3.2 lbF	Pass
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf $\leq 48"$ Extended	3.5 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 48"$ Extended	4.3 lbF	Pass
ANSI Z359.14-2021 4.5.1	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 48"$ Extended	3.3 lbF	Pass
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf $\leq 48"$ Extended	4.6 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 48"$ Extended	4.4 lbF	Pass
ANSI Z359.14-2021 4.5.1	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 48"$ Extended	2.7 lbF	Pass
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf $\leq 48"$ Extended	3.6 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 48"$ Extended	4.8 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 721520LEC Rev. A meets the requirements of ANSI Z359.14-2021.

Report Signatories and Approval

Lab Quality Manager		Date	7/10/2024
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End of Report