

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 #

D0708081

Declaration Date

10/2/2024

Tested Item #

721530LEC

FT-R SRL, Class 2 Leading Edge, 30', Plastic Housing, 420 lb Max

Additional Items Conforming Under this Declaration:

721530LECB

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-3159

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

10/2/2024



International Accreditation Service, Inc

3060 Saturn St, Ste 100

Brea, CA 92821 +1 562-364-8201

FallTech Lab - TL-594

ISO/IEC 17025:2017

Alexander Andrew Inc dba FallTech

FallTech Test Report

Test Report No.	PC-3159	Rpt. Date	7/8/2024	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.	721530LEC			Part No. Revision		A	
Part Description	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max						
Test Request No.	PC-3159			Date Complete		6/24/2024	
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
FT97946	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97975	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97970	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97936	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97929	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97962	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97991	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97978	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97964	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97983	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97980	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97909	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97995	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97972	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97998	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97902	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97957	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97993	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97969	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97941	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97916	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97950	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97977	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97903	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97905	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97967	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97954	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97959	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97925	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97923	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97965	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97930	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97940	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max

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Part Description	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max						
Test Request No.	PC-3159			Date Complete		6/24/2024	
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification (Continued)

Sample ID	Description
FT97908	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97958	FT-R SRL, Class 2 Leading Edge, 30' 420 lb max
FT97940	FT-R SRL, Class 2 Leading Edge, 30' 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	3644.8 lbF	Pass
ANSI Z359.14-2021 4.2.1	Static Strength	≥ 3600 Lbf for ≥ 60 Seconds	3641.5 lbF	Pass
ANSI Z359.14-2021 4.2.1	Static Strength	≥ 3600 Lbf for ≥ 60 Seconds	3640.8 lbF	Pass
ANSI Z359.14-2021 4.2.3	Locking Strength	> 1800 Lbf for > 60 Seconds	1845.7 lbF	Pass
ANSI Z359.14-2021 4.2.1	Locking Strength	> 1800 Lbf for > 60 Seconds	1832.8 lbF	Pass
ANSI Z359.14-2021 4.2.1	Locking Strength	> 1800 Lbf for > 60 Seconds	1830.3 lbF	Pass
ANSI Z359.14-2021 4.3.1 DPT Ambient	Max Arrest Force	≤ 1800 Lbf	993.9 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	775.3 lbF	Pass
	Arrest Distance	≤ 42 "	29.5"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1 DPT Ambient	Max Arrest Force	≤ 1800 Lbf	1077.7 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	816.7 lbF	Pass
	Arrest Distance	≤ 42 "	35.2"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1 DPT Ambient	Max Arrest Force	≤ 1800 Lbf	1076.1 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	827.4 lbF	Pass
	Arrest Distance	≤ 42 "	29.1"	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	1006.2 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	779.4 lbF	Pass
	Arrest Distance	≤ 42 "	41.3"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7 DPT Hot	Max Arrest Force	≤ 1800 Lbf	1027.2 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	784.9 lbF	Pass
	Arrest Distance	≤ 42 "	36.3"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7 DPT Hot	Max Arrest Force	≤ 1800 Lbf	942.6 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	758.0 lbF	Pass
	Arrest Distance	≤ 42 "	31.7"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8 DPT Cold	Max Arrest Force	≤ 1800 Lbf	1164.3 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	868.4 lbF	Pass
	Arrest Distance	≤ 42 "	30.5"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8 DPT Cold	Max Arrest Force	≤ 1800 Lbf	1213.7 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	865.7 lbF	Pass
	Arrest Distance	≤ 42 "	37.2"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8 DPT Cold	Max Arrest Force	≤ 1800 Lbf	1187.6 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	867.2 lbF	Pass
	Arrest Distance	≤ 42 "	35.4"	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	1104.3 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	815.6 lbF	Pass
	Arrest Distance	≤ 42 "	36.2"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9 DPT Wet	Max Arrest Force	≤ 1800 Lbf	1085.5 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	815.8 lbF	Pass
	Arrest Distance	≤ 42 "	35.5"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9 DPT Wet	Max Arrest Force	≤ 1800 Lbf	1190.2 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	823.4 lbF	Pass
	Arrest Distance	≤ 42 "	36.6"	Pass
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.3 (Perpendicular)	Max Arrest Force	≤ 1800 Lbf	1207.3 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	850.1 lbF	Pass
	Arrest Distance	Not Applicable	101.8"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	693.8 lbF	Pass
ANSI Z359.14-2021 4.3.3 (Perpendicular)	Max Arrest Force	≤ 1800 Lbf	1280.5 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	799.4 lbF	Pass
	Arrest Distance	Not Applicable	95.4"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	712.6 lbF	Pass
ANSI Z359.14-2021 4.3.3 (Perpendicular)	Max Arrest Force	≤ 1800 Lbf	1184.3 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	662.2 lbF	Pass
	Arrest Distance	Not Applicable	98.2"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	714.1 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	1180.5 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	837.9 lbF	Pass
	Arrest Distance	Not Applicable	98.3"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	710.4 lbF	Pass
ANSI Z359.14-2021 4.3.3.8 (Perpendicular Hot)	Max Arrest Force	≤ 1800 Lbf	1188.7 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	800.4 lbF	Pass
	Arrest Distance	Not Applicable	98.8"	Information only
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	696.7 lbF	Pass
ANSI Z359.14-2021 4.3.3.8 (Perpendicular Hot)	Max Arrest Force	≤ 1800 Lbf	1171.2 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	842.8 lbF	Pass
	Arrest Distance	Not Applicable	99.4"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	708.9 lbF	Pass
ANSI Z359.14-2021 4.3.3.9 (Perpendicular Cold)	Max Arrest Force	≤ 1800 Lbf	1293.3 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	832.2 lbF	Pass
	Arrest Distance	Not Applicable	91.2"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	846.0 lbF	Pass
ANSI Z359.14-2021 4.3.3.9 (Perpendicular Cold)	Max Arrest Force	≤ 1800 Lbf	1327.5 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	860.8 lbF	Pass
	Arrest Distance	Not Applicable	90.5"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	707.2 lbF	Pass
ANSI Z359.14-2021 4.3.3.9 (Perpendicular Cold)	Max Arrest Force	≤ 1800 Lbf	1304.9 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	834.2 lbF	Pass
	Arrest Distance	Not Applicable	92.9"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	694.8 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	1234.8 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	776.4 lbF	Pass
	Arrest Distance	Not Applicable	94.9"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	685.9 lbF	Pass
ANSI Z359.14-2021 4.3.3.10 (Perpendicular Wet)	Max Arrest Force	≤ 1800 Lbf	1268.0 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	809.4 lbF	Pass
	Arrest Distance	Not Applicable	94.7"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	696.3 lbF	Pass
ANSI Z359.14-2021 4.3.3.10 (Perpendicular Wet)	Max Arrest Force	≤ 1800 Lbf	1201.2 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	758.8 lbF	Pass
	Arrest Distance	Not Applicable	95.8"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	701.2 lbF	Pass
ANSI Z359.14-2021 4.3.3 (Lateral Offset)	Max Arrest Force	≤ 1800 Lbf	1243.6 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	776.7 lbF	Pass
	Arrest Distance	Not Applicable	111.7"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	710.8 lbF	Pass
ANSI Z359.14-2021 4.3.3 (Lateral Offset)	Max Arrest Force	≤ 1800 Lbf	1282.6 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	863.5 lbF	Pass
	Arrest Distance	Not Applicable	116.3"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	705.7 lbF	Pass
ANSI Z359.14-2021 4.3.3 (Lateral Offset)	Max Arrest Force	≤ 1800 Lbf	1213.2 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	796.2 lbF	Pass
	Arrest Distance	Not Applicable	113.7"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	722.1 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	1181.7 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	802.6 lbF	Pass
	Arrest Distance	Not Applicable	99.9"	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 (Lateral Offset Hot)	Max Arrest Force	≤ 1800 Lbf	1183.2 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	833.3 lbF	Pass
	Arrest Distance	Not Applicable	116.7"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	701.0 lbF	Pass
ANSI Z359.14-2021 4.3.3.8 (Lateral Offset Hot)	Max Arrest Force	≤ 1800 Lbf	1182.3 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	861.8 lbF	Pass
	Arrest Distance	Not Applicable	114.6"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	709.9 lbF	Pass
ANSI Z359.14-2021 4.3.3.9 (Lateral Offset Cold)	Max Arrest Force	≤ 1800 Lbf	1351.5 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	876.9 lbF	Pass
	Arrest Distance	Not Applicable	111.2"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	701.4 lbF	Pass
ANSI Z359.14-2021 4.3.3.9 (Lateral Offset Cold)	Max Arrest Force	≤ 1800 Lbf	1385.6 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	905.6 lbF	Pass
	Arrest Distance	Not Applicable	113.3"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	699.3 lbF	Pass
ANSI Z359.14-2021 4.3.3.9 (Lateral Offset Cold)	Max Arrest Force	≤ 1800 Lbf	1336.1 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	846.8 lbF	Pass
	Arrest Distance	Not Applicable	104.5"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	699.9 lbF	Pass

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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	1206.1 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	827.9 lbF	Pass
	Arrest Distance	Not Applicable	106.7"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	692.7 lbF	Pass
ANSI Z359.14-2021 4.3.3.10 (Lateral Offset Wet)	Max Arrest Force	≤ 1800 Lbf	1185.5 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	773.2 lbF	Pass
	Arrest Distance	Not Applicable	105.5"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	696.8 lbF	Pass
ANSI Z359.14-2021 4.3.3.10 (Lateral Offset Wet)	Max Arrest Force	≤ 1800 Lbf	1197.1 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	862.4 lbF	Pass
	Arrest Distance	Not Applicable	111.2"	Information only
	Visual Indicator	Evidence of Impact	Clear Evidence	Pass
	Line Strength	> 675 Lbf	708.1 lbF	Pass
ANSI Z359.14-2021 4.5.1	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 48 " Extended	3.3 lbF	Pass
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf ≤ 48 " Extended	3.5 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 48 " Extended	5.5 lbF	Pass
ANSI Z359.14-2021 4.5.1	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 48 " Extended	2.8 lbF	Pass
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf ≤ 48 " Extended	4.1 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 48 " Extended	5.2 lbF	Pass
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	4.7 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 48 " Extended	5.7 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 721530LEC Rev. A meets the requirements of ANSI Z359.14-2021.

Report Signatories and Approval

Lab Quality Manager		Date	7/8/2024
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End of Report