

Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



Alexander Andrew, Inc. 1306 S. Alameda St Compton, CA 90221

Declaration #

D0119033

Declaration Date

1.31.19

Tested Item #

83909SP1

9' Cable DuraTech LE SRL, Single Leg+Steel Snap

Additional Items Conforming Under this Declaration:

83909SP3

83909SP5

83909SP6

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

ANSI Z359.14-2014

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-1536

Authorized Signature

Name

Mark Sasaki

Title

Director of Engineering

Date

2.28.19



**AMENDED TEST REPORT
EAR-CONTROLLED DATA**

In account with FALLTECH TESTING LABORATORY 1306 S. ALAMEDA STREET COMPTON, CA 90221	Date 27 February 2019	Page 1 of 3 Pages
	W. O. No. T 52720-1A	P. O. No. 16258
	Identification As noted	Shipper None

AMENDMENT A : Correcting typographical errors and separating into two separate reports.

IDENTIFICATION : The part numbers test witnessed on the 23rd, 24th and 25th of January 2019 are as follows:

Attestation of Witnessing Testing:

Base Part No.	Description	Sample ID's		
		DPT1	DPT2	DPT3
83909SP1	9' LE Cable SRD Single Leg with Steel Snap Hook	DST1	DST2	DST3
		SST1	SST2	SST3
		R1	R2	R3
		DPTH1	DPTC1	DPTW1
		AP1	AP2	AP3
		AL1	AL2	AL3
		HP1	HL1	CP1
		CL1	WP1	WL1
		HR1	HR2	HR3

SPECIFICATION : ANSI Z359.14-2014: Sections 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2 and 4.2.8.3

REFERENCES : 1. Falltech Purchase Order Number 16258, dated 22 January 2019
2. Element Materials Technology Quotation Number ELO0010679Q/0, dated 28 January 2019

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As a mutual protection to clients, the public and Element Materials Technology, this report is submitted for the exclusive use of the client to whom it is addressed. This report applies only to the sample(s) tested and is not necessarily indicative of the qualities of apparently similar or identical products. Use of this report, whether in whole or in part, or of any seals or insignia connected therewith in any advertising or publicity matter, without prior written authorization from Element Materials Technology is prohibited.



TEST WITNESSING : Element representative was present at FallTech facilities on 23rd, 24th and 25th January 2019 to witness testing performed by FallTech employee. In addition, equipment used, calibration status of the equipment, and documents were verified. Details of this visit are included below:

- Date(s) of Testing: 23rd, 24th and 25th January 2019
- Element Test Witness: Jeff Blackford / Test Technician
- FallTech Test Operators: Yesbet Sierra/Jay Sponholz
- Specifications: ANSI Z359.14-2014: Sections 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2 and 4.2.8.3
- Equipment Calibration Interval(s): 1 year, except weights which are 5 years

RESULTS :

Test Report	Date	Base Part No.	Description	Sample ID's		Results
PC-1536	31 January 2019	83909SP1	9' LE Cable SRD Single Leg with Steel Snap Hook	DPT1	AP1	Pass
				DPT2	AP2	
				DPT3	AP3	
				DST1	AL1	
				DST2	AL2	
				DST3	AL3	
				SST1	HP1	
				SST2	HL1	
				SST3	CP1	
				R1	CL1	
				R2	WP1	
				R3	WL1	
				DPTH1	HR1	
				DPTC1	HR2	
				DPTW1	HR3	

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**TEST REPORT
EAR-CONTROLLED DATA**

Page 3 of 3 Pages

Date 27 February 2019

W.O. No. T 52720-1A

REMARKS : 1. Test results are submitted herein for client evaluation.
2. Falltech Test Report PC-1536 is in Appendix I for review.

Respectfully submitted,

Andy Montoya
Operations Manager
Element Materials Technology Los Angeles

Report prepared by Susanna Cano

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T 52720-1A

APPENDIX I

FALLTECH TEST REPORT PC-1536

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FallTech Test Report

Test Report No.	PC-1536	Rpt. Date	1/31/2019	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Part No.	83909SP1	Part No. Revision	A				
Part Description	9' LE Cable SRD Single Leg with Steel Snap Hook						
Test Request No.	PC-1536	Date Complete	1/25/2019				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
DPT1	9' LE Cable SRD Single Leg with Steel Snap Hook
DPT2	9' LE Cable SRD Single Leg with Steel Snap Hook
DPT3	9' LE Cable SRD Single Leg with Steel Snap Hook
DST1	9' LE Cable SRD Single Leg with Steel Snap Hook
DST2	9' LE Cable SRD Single Leg with Steel Snap Hook
DST3	9' LE Cable SRD Single Leg with Steel Snap Hook
SST1	9' LE Cable SRD Single Leg with Steel Snap Hook
SST2	9' LE Cable SRD Single Leg with Steel Snap Hook
SST3	9' LE Cable SRD Single Leg with Steel Snap Hook
R1	9' LE Cable SRD Single Leg with Steel Snap Hook
R2	9' LE Cable SRD Single Leg with Steel Snap Hook
R3	9' LE Cable SRD Single Leg with Steel Snap Hook
DPTH1	9' LE Cable SRD Single Leg with Steel Snap Hook
DPTC1	9' LE Cable SRD Single Leg with Steel Snap Hook
DPTW1	9' LE Cable SRD Single Leg with Steel Snap Hook



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Test Report No.	PC-1536	Rpt. Date	1/31/2019	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Part No.	83909SP1	Part No. Revision	A				
Part Description	9' LE Cable SRD Single Leg with Steel Snap Hook						
Test Request No.	PC-1536	Date Complete	1/25/2019				

Material/Sample Identification (Continued)

Sample ID	Description
AP1	9' LE Cable SRD Single Leg with Steel Snap Hook
AP2	9' LE Cable SRD Single Leg with Steel Snap Hook
AP3	9' LE Cable SRD Single Leg with Steel Snap Hook
AL1	9' LE Cable SRD Single Leg with Steel Snap Hook
AL2	9' LE Cable SRD Single Leg with Steel Snap Hook
AL3	9' LE Cable SRD Single Leg with Steel Snap Hook
HP1	9' LE Cable SRD Single Leg with Steel Snap Hook
HL1	9' LE Cable SRD Single Leg with Steel Snap Hook
CP1	9' LE Cable SRD Single Leg with Steel Snap Hook
CL1	9' LE Cable SRD Single Leg with Steel Snap Hook
WP1	9' LE Cable SRD Single Leg with Steel Snap Hook
WL1	9' LE Cable SRD Single Leg with Steel Snap Hook
HR1	9' LE Cable SRD Single Leg with Steel Snap Hook
HR2	9' LE Cable SRD Single Leg with Steel Snap Hook
HR3	9' LE Cable SRD Single Leg with Steel Snap Hook



FallTech Test Report

Test Report No.	PC-1536	Rpt. Date	1/31/2019	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Part No.	83909SP1			Part No. Revision	A		
Part Description	9' LE Cable SRD Single Leg with Steel Snap Hook						
Test Request No.	PC-1536			Date Complete	1/25/2019		

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.1, 4.2.6	Arrest Distance	Class A \leq 24" Class B \leq 54"	33.3"	Pass
	Max Arrest Force	\leq 1800 Lbf	1093.2 lbF	Pass
	Avg Arrest Force	Class A \leq 1350 Lbf Class B \leq 900 Lbf	784.4 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf \leq 60" Extended	2.2 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf \leq 60" Extended	2.8 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf \leq 60" Extended	3.0 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf \leq 60" Extended	3.2 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf \leq 60" Extended	3.2 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf \leq 60" Extended	2.8 lbF	Pass



FallTech Test Report

Test Report No.	PC-1536	Rpt. Date	1/31/2019	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Part No.	83909SP1			Part No. Revision	A		
Part Description	9' LE Cable SRD Single Leg with Steel Snap Hook						
Test Request No.	PC-1536			Date Complete	1/25/2019		

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.1, 4.2.6	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	21.1"	Pass
	Max Arrest Force	≤ 1800 Lbf	1245.3 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	807.4 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	2.4 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	2.8 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	3.2 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	3.2 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	3.8 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	4.4 lbF	Pass



FallTech Test Report

Test Report No.	PC-1536	Rpt. Date	1/31/2019	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Part No.	83909SP1	Part No. Revision	A				
Part Description	9' LE Cable SRD Single Leg with Steel Snap Hook						
Test Request No.	PC-1536	Date Complete	1/25/2019				

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.1, 4.2.6	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	19.5"	Pass
	Max Arrest Force	≤ 1800 Lbf	1311.0 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	787.5 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	2.0 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	2.0 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	2.2 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	3.2 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	3.2 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	3.8 lbF	Pass



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Test Report No.	PC-1536	Rpt. Date	1/31/2019	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Part No.	83909SP1	Part No. Revision	A				
Part Description	9' LE Cable SRD Single Leg with Steel Snap Hook						
Test Request No.	PC-1536	Date Complete	1/25/2019				

Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.3	Dynamic Strength	4' Fall w/ 300 Lb Test Weight; Weight Shall Not Strike the Ground Did not strike ground	Pass
	Line Constituent Strength	≥ 1000 Lbf 1029.5 lbf	Pass
ANSI Z359.14-2014 4.2.3	Dynamic Strength	4' Fall w/ 300 Lb Test Weight; Weight Shall Not Strike the Ground Did not strike ground	Pass
	Line Constituent Strength	≥ 1000 Lbf 1032.7 lbf	Pass
ANSI Z359.14-2014 4.2.3	Dynamic Strength	4' Fall w/ 300 Lb Test Weight; Weight Shall Not Strike the Ground Did not strike ground	Pass
	Line Constituent Strength	≥ 1000 Lbf 1032.3 lbf	Pass
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds 3025.9 lbf	Pass
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds 3020.3 lbf	Pass
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds 3018.8 lbf	Pass



FallTech Test Report

Test Report No.	PC-1536	Rpt. Date	1/31/2019	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Part No.	83909SP1	Part No. Revision	A				
Part Description	9' LE Cable SRD Single Leg with Steel Snap Hook						
Test Request No.	PC-1536	Date Complete	1/25/2019				

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.6	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	1.8 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	2.0 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	2.8 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	2.2 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	4.0 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	3.8 lbF	Pass
ANSI Z359.14-2014 4.2.6	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	2.0 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	2.2 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	2.8 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	3.4 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	4.6 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	4.8 lbF	Pass
ANSI Z359.14-2014 4.2.6	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	3.2 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	2.2 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	2.6 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	2.8 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	3.4 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	4.6 lbF	Pass



FallTech Test Report

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Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Part No.	83909SP1			Part No. Revision	A		
Part Description	9' LE Cable SRD Single Leg with Steel Snap Hook						
Test Request No.	PC-1536			Date Complete	1/25/2019		

Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.14-2014 4.2.1 / 4.2.8.1	Arrest Distance	Class A \leq 24" Class B \leq 54"	34.2"	Pass
	Max Arrest Force	\leq 1800 Lbf	1022.7 lbF	Pass
	Avg Arrest Force	Class A \leq 1575 Lbf Class B \leq 1125 Lbf	754.8 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf \leq 60" Extended	2.8 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf \leq 60" Extended	2.2 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf \leq 60" Extended	3.2 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf \leq 60" Extended	3.4 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf \leq 60" Extended	3.8 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf \leq 60" Extended	3.6 lbF	Pass



FallTech Test Report

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Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Part No.	83909SP1	Part No. Revision	A				
Part Description	9' LE Cable SRD Single Leg with Steel Snap Hook						
Test Request No.	PC-1536	Date Complete	1/25/2019				

Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.14-2014 4.2.1 / 4.2.8.2	Arrest Distance	Class A \leq 24" Class B \leq 54"	33.8"	Pass
	Max Arrest Force	\leq 1800 Lbf	1330.3 lbF	Pass
	Avg Arrest Force	Class A \leq 1575 Lbf Class B \leq 1125 Lbf	812.6 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf \leq 60" Extended	3.0 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf \leq 60" Extended	3.8 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf \leq 60" Extended	3.8 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf \leq 60" Extended	3.4 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf \leq 60" Extended	3.6 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf \leq 60" Extended	3.2 lbF	Pass



FallTech Test Report

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Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Part No.	83909SP1			Part No. Revision	A		
Part Description	9' LE Cable SRD Single Leg with Steel Snap Hook						
Test Request No.	PC-1536			Date Complete	1/25/2019		

Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.14-2014 4.2.1 / 4.2.8.3	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	34.7"	Pass
	Max Arrest Force	≤ 1800 Lbf	1075.8 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	769.4 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	2.6 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	3.2 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	2.6 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	3.2 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	4.2 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	3.8 lbF	Pass
ANSI Z359.14-2014 4.2.2 (Perpendicular) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	66.8"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1044.1 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	820.1 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1047.8 lbF	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass



FallTech Test Report

Test Report No.	PC-1536	Rpt. Date	1/31/2019	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Part No.	83909SP1			Part No. Revision	A		
Part Description	9' LE Cable SRD Single Leg with Steel Snap Hook						
Test Request No.	PC-1536			Date Complete	1/25/2019		

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.2 (Perpendicular) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	69.4"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1049.5 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	828.2 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1032.6 lbF	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass
ANSI Z359.14-2014 4.2.2 (Perpendicular) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	71.2"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	995.8 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	814.4 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1036.0 lbF	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass



FallTech Test Report

Test Report No.	PC-1536	Rpt. Date	1/31/2019	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Part No.	83909SP1			Part No. Revision	A		
Part Description	9' LE Cable SRD Single Leg with Steel Snap Hook						
Test Request No.	PC-1536			Date Complete	1/25/2019		

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.2 (Lateral Offset) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	89.6"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1226.9 lbf	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	894.4 lbf	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1026.5 lbf	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass
ANSI Z359.14-2014 4.2.2 (Lateral Offset) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	91.1"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1021.7 lbf	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	822.9 lbf	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1191.7 lbf	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass



FallTech Test Report

Test Report No.	PC-1536	Rpt. Date	1/31/2019	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Part No.	83909SP1			Part No. Revision	A		
Part Description	9' LE Cable SRD Single Leg with Steel Snap Hook						
Test Request No.	PC-1536			Date Complete	1/25/2019		

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.2 (Lateral Offset) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	76.4"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1072.6 lbf	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	820.5 lbf	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1030.7 lbf	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass
ANSI Z359.14-2014 4.2.2 / 4.2.8.1 (Perpendicular) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	74.4"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1291.6 lbf	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	823.7 lbf	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1037.0 lbf	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass



FallTech Test Report

Test Report No.	PC-1536	Rpt. Date	1/31/2019	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Part No.	83909SP1			Part No. Revision	A		
Part Description	9' LE Cable SRD Single Leg with Steel Snap Hook						
Test Request No.	PC-1536			Date Complete	1/25/2019		

Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.14-2014 4.2.2 / 4.2.8.1 (Lateral Offset) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	90.8"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1273.5 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	832.0 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1041.5 lbF	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass
ANSI Z359.14-2014 4.2.2 / 4.2.8.2 (Perpendicular) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	64.9"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1229.0 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	965.1 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1028.5 lbF	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass



FallTech Test Report

Test Report No.	PC-1536	Rpt. Date	1/31/2019	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Part No.	83909SP1			Part No. Revision	A		
Part Description	9' LE Cable SRD Single Leg with Steel Snap Hook						
Test Request No.	PC-1536			Date Complete	1/25/2019		

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.2 / 4.2.8.2 (Lateral Offset) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	86.6"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1353.7 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	849.0 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1033.4 lbF	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass
ANSI Z359.14-2014 4.2.2 / 4.2.8.3 (Perpendicular) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	69.7"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	995.8 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	816.1 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1029.5 lbF	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass



FallTech Test Report

Test Report No.	PC-1536	Rpt. Date	1/31/2019	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Part No.	83909SP1			Part No. Revision	A		
Part Description	9' LE Cable SRD Single Leg with Steel Snap Hook						
Test Request No.	PC-1536			Date Complete	1/25/2019		

Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.14-2014 4.2.2 / 4.2.8.3 (Lateral Offset) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	82.2"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1073.4 lbf	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	809.1 lbf	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1032.5 lbf	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass
ANSI Z359.14-2014 4.2.7	Horizontal Retraction	Controlled Retraction at 2 - 5 feet per second without stopping	No Hesitation in Retraction	Pass
ANSI Z359.14-2014 4.2.7	Horizontal Retraction	Controlled Retraction at 2 - 5 feet per second without stopping	No Hesitation in Retraction	Pass
ANSI Z359.14-2014 4.2.7	Horizontal Retraction	Controlled Retraction at 2 - 5 feet per second without stopping	No Hesitation in Retraction	Pass



FallTech Test Report

Test Report No.	PC-1536	Rpt. Date	1/31/2019	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Part No.	83909SP1	Part No. Revision	A				
Part Description	9' LE Cable SRD Single Leg with Steel Snap Hook						
Test Request No.	PC-1536	Date Complete	1/25/2019				

Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.14-2014 3.1.5	Corrosion Protection	Function as Intended: Pay out, Retract and Lock See Element Report # 52469	Pass
	Corrosion Protection	Corrosion that could result in failure See Element Report # 52469	Pass

Conclusion

Based upon the samples provided to the Lab:
 FallTech P/N 80909SP1 Rev. A meets the requirements of ANSI Z359.14-2014.

Report Signatories and Approval

Lab Quality Manager		Date	1/31/2019
Witnessed by	Jeff Blackford 	Date	2/27/19