

# Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



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

Declaration #

D0119034

Declaration Date

1.31.19

Tested Item #

83909TP1

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

Additional Items Conforming Under this Declaration:

83909TP3

83909TP5

83909TP6

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

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-1537

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 52720-2A	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, 24<sup>th</sup> and 25th of January 2019 are as follows:

Attestation of Witnessing Testing:

Base Part No.	Description	Sample ID's		
		DPT1	DPT2	DPT3
83909TP1	9' LE Cable SRD Twin 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 23<sup>rd</sup>, 24<sup>th</sup> 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: 23<sup>rd</sup>, 24<sup>th</sup> 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-1537	31 January 2019	83909TP1	9' LE Cable SRD Twin 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 52720-2A

REMARKS : 1. Test results are submitted herein for client evaluation.  
2. Falltech Test Report PC-1537 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 52720-2A**

**APPENDIX I**

**FALLTECH TEST REPORT PC-1537**

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### FallTech Test Report

<b>Test Report No.</b>	PC-1537	<b>Rpt. Date</b>	1/31/2019	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	83909TP1	<b>Part No. Revision</b>	A				
<b>Part Description</b>	9' LE Cable SRD Twin Leg with Steel Snap Hook						
<b>Test Request No.</b>	PC-1537	<b>Date Complete</b>	1/25/2019				
<b>Test Operator(s)</b>	Yesbet Sierra / Jay Sponholz						

### Material/Sample Identification

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



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<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	83909TP1	<b>Part No. Revision</b>	A				
<b>Part Description</b>	9' LE Cable SRD Twin Leg with Steel Snap Hook						
<b>Test Request No.</b>	PC-1537	<b>Date Complete</b>	1/25/2019				

#### Material/Sample Identification (Continued)

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



## FallTech Test Report

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<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	83909TP1	<b>Part No. Revision</b>	A				
<b>Part Description</b>	9' LE Cable SRD Twin Leg with Steel Snap Hook						
<b>Test Request No.</b>	PC-1537	<b>Date Complete</b>	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"	35.4"	Pass
	Max Arrest Force	$\leq$ 1800 Lbf	1326.0 lbF	Pass
	Avg Arrest Force	Class A $\leq$ 1350 Lbf Class B $\leq$ 900 Lbf	808.8 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	3.4 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	4.0 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	3.2 lbF	Pass



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<b>Test Report No.</b>	PC-1537	<b>Rpt. Date</b>	1/31/2019	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	83909TP1	<b>Part No. Revision</b>	A				
<b>Part Description</b>	9' LE Cable SRD Twin Leg with Steel Snap Hook						
<b>Test Request No.</b>	PC-1537	<b>Date Complete</b>	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"	24.3"	Pass
	Max Arrest Force	$\leq$ 1800 Lbf	1178.1 lbF	Pass
	Avg Arrest Force	Class A $\leq$ 1350 Lbf Class B $\leq$ 900 Lbf	818.3 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	3.2 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq$ 60" Extended	2.8 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq$ 60" Extended	3.0 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	4.0 lbF	Pass



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<b>Test Report No.</b>	PC-1537	<b>Rpt. Date</b>	1/31/2019	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	83909TP1			<b>Part No. Revision</b>	A		
<b>Part Description</b>	9' LE Cable SRD Twin Leg with Steel Snap Hook						
<b>Test Request No.</b>	PC-1537			<b>Date Complete</b>	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 $\leq 54"$	29.2"	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1407.2 lbF	Pass
	Avg Arrest Force	Class A $\leq 1350$ Lbf Class B $\leq 900$ Lbf	752.2 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	2.6 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	3.4 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	3.8 lbF	Pass



### FallTech Test Report

<b>Test Report No.</b>	PC-1537	<b>Rpt. Date</b>	1/31/2019	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	83909TP1			<b>Part No. Revision</b>	A		
<b>Part Description</b>	9' LE Cable SRD Twin Leg with Steel Snap Hook						
<b>Test Request No.</b>	PC-1537			<b>Date Complete</b>	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	1028.3 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	1149.0 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	1033.0 lbf	Pass
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3028.0 lbf	Pass
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3032.8 lbf	Pass
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3017.4 lbf	Pass



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<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	83909TP1			<b>Part No. Revision</b>	A		
<b>Part Description</b>	9' LE Cable SRD Twin Leg with Steel Snap Hook						
<b>Test Request No.</b>	PC-1537			<b>Date Complete</b>	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	2.6 lbF Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	2.8 lbF Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	2.4 lbF Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	3.2 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	4.6 lbF Pass
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	2.4 lbF Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	3.2 lbF Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	3.0 lbF Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	4.2 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	3.4 lbF Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	3.6 lbF Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	4.8 lbF Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	3.8 lbF Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	5.4 lbF Pass



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<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	83909TP1	<b>Part No. Revision</b>	A				
<b>Part Description</b>	9' LE Cable SRD Twin Leg with Steel Snap Hook						
<b>Test Request No.</b>	PC-1537	<b>Date Complete</b>	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"	42.6"	Pass
	Max Arrest Force	$\leq$ 1800 Lbf	1234.5 lbF	Pass
	Avg Arrest Force	Class A $\leq$ 1575 Lbf Class B $\leq$ 1125 Lbf	761.1 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	3.0 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq$ 60" Extended	3.6 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	4.2 lbF	Pass



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<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	83909TP1	<b>Part No. Revision</b>	A				
<b>Part Description</b>	9' LE Cable SRD Twin Leg with Steel Snap Hook						
<b>Test Request No.</b>	PC-1537	<b>Date Complete</b>	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"	46.5"	Pass
	Max Arrest Force	$\leq$ 1800 Lbf	1539.4 lbF	Pass
	Avg Arrest Force	Class A $\leq$ 1575 Lbf Class B $\leq$ 1125 Lbf	924.1 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	2.8 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	3.2 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



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<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	83909TP1			<b>Part No. Revision</b>	A		
<b>Part Description</b>	9' LE Cable SRD Twin Leg with Steel Snap Hook						
<b>Test Request No.</b>	PC-1537			<b>Date Complete</b>	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"	35.2"	Pass
	Max Arrest Force	$\leq$ 1800 Lbf	1154.3 lbF	Pass
	Avg Arrest Force	Class A $\leq$ 1575 Lbf Class B $\leq$ 1125 Lbf	864.3 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	3.2 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	3.6 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
ANSI Z359.14-2014 4.2.2 (Perpendicular) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	72.1"	For Fall Clearance Guidelines
	Max Arrest Force	$\leq$ 1800 Lbf	983.2 lbF	Pass
	Avg Arrest Force	Class A $\leq$ 1350 Lbf Class B $\leq$ 900 Lbf	821.7 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	$\geq$ 1000 Lbf	1030.7 lbF	Pass
	Line Constituent Hold Force	$\geq$ 1 Minute	1 minute	Pass



### FallTech Test Report

<b>Test Report No.</b>	PC-1537	<b>Rpt. Date</b>	1/31/2019	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	83909TP1			<b>Part No. Revision</b>	A		
<b>Part Description</b>	9' LE Cable SRD Twin Leg with Steel Snap Hook						
<b>Test Request No.</b>	PC-1537			<b>Date Complete</b>	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	78.8"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1036.7 lbf	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	841.1 lbf	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1028.4 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	76.7"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1032.4 lbf	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	831.0 lbf	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1033.7 lbf	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass



### FallTech Test Report

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<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	83909TP1			<b>Part No. Revision</b>	A		
<b>Part Description</b>	9' LE Cable SRD Twin Leg with Steel Snap Hook						
<b>Test Request No.</b>	PC-1537			<b>Date Complete</b>	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	110.6"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1092.2 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	843.1 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1319.9 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	103.6"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	10004.1 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	837.1 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1057.0 lbF	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass



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<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	83909TP1			<b>Part No. Revision</b>	A		
<b>Part Description</b>	9' LE Cable SRD Twin Leg with Steel Snap Hook						
<b>Test Request No.</b>	PC-1537			<b>Date Complete</b>	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	95.2"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1031.9 lbf	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	840.0 lbf	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1076.8 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	92.8"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1195.1 lbf	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	821.9 lbf	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1032.2 lbf	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass



### FallTech Test Report

<b>Test Report No.</b>	PC-1537	<b>Rpt. Date</b>	1/31/2019	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	83909TP1			<b>Part No. Revision</b>	A		
<b>Part Description</b>	9' LE Cable SRD Twin Leg with Steel Snap Hook						
<b>Test Request No.</b>	PC-1537			<b>Date Complete</b>	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	115.0"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1293.9 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	842.6 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1025.2 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	79.2"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1263.6 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	960.9 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1030.8 lbF	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass



## FallTech Test Report

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<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	83909TP1			<b>Part No. Revision</b>	A		
<b>Part Description</b>	9' LE Cable SRD Twin Leg with Steel Snap Hook						
<b>Test Request No.</b>	PC-1537	<b>Date Complete</b>	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	110.5"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1221.2 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	938.2 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1042.1 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	79.3"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1008.8 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	804.0 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1032.9 lbF	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass



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<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	83909TP1			<b>Part No. Revision</b>	A		
<b>Part Description</b>	9' LE Cable SRD Twin Leg with Steel Snap Hook						
<b>Test Request No.</b>	PC-1537			<b>Date Complete</b>	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	103.5"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1003.7 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	808.8 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1033.3 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

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<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	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				
<b>Part No.</b>	83909TP1	<b>Part No. Revision</b>	A				
<b>Part Description</b>	9' LE Cable SRD Twin Leg with Steel Snap Hook						
<b>Test Request No.</b>	PC-1537	<b>Date Complete</b>	1/25/2019				

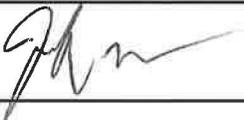
#### Test Summary (Continued)

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 80909TP1 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