

Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



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

Declaration #

D0616023

Declaration Date

6.30.16

Tested Item #

7276100

100' Contractor Cable SRD

Additional Items Conforming Under this Declaration:

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-0831

Authorized Signature

Name

Dustin Hawkins

Title

VP Business Development

Date

9.29.16

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Testing. Advising. Assuring.

August 15, 2016

FallTech Testing Laboratory
1306 S. Alameda Street
Compton, CA 90221

Attention: Jay Sponholz
Quality Manager

Subject: **Attestation of Witnessing Testing**
Exova OCM Job # 361179-1
FallTech P.O.: OPEN
Report No.: PC-0831
Base Part No. 7276100
Description: 100' Contractor Self-Retracting Device



Dear Mr. Sponholz:



The purpose of this attestation is to attest to the fact that a representative of Exova OCM was on site at FallTech's facilities to confirm suitability of the equipment used, calibration status of the equipment and to witness testing performed by FallTech employees. Details of this visit are included below:

- Date of Testing:
 - June 8, 22, 23, 2016
- Exova OCM Test Witness:
 - Robert Fortner
- FallTech Test Operators:
 - Yesbet Sierra and Jay Sponholz
- Specification:
 - ANSI Z359.14-2014 Sections 4.2.1, 4.2.3, 4.2.5, 4.2.6, 4.2.8.1, 4.2.8.2, 4.2.8.3
- Equipment Calibration Interval
 - 1 year, except weights which are 5 years

Attached to this attestation is the test report generated by FallTech Testing Laboratory. Exova OCM test witness certifies the report accurately presents the testing performed on the samples identified.

Test Report #	Date	Base Part #	Description	Sample ID's	Results
PC-0831	6/30/2016	7276100	100' Contractor Self-Retracting Device	DPT1 DPT2 DPT3 DPT1 DPT2 DPT3 S1 S2 S3 R1 R2 R3 H1 H2 H3 C1 C2 C3 W1 W2 W3	Pass

Test Witness Signature: Robert Fortner Technician Mechanical Laboratory	<i>(Signed for and on behalf of Exova-OCM)</i>  for R.F.	
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Approval Signature: Mark E. Kokosinski General Manager	<i>(Signed for and on behalf of Exova-OCM)</i> 	
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This attestation shall not be reproduced except in full, without the written approval of Exova-OCM. The laboratory has witnessed the testing the material / items supplied by the client as sampled by the client. The testing is not within Exova OCM's L.A.B scope of testing and was not performed at Exova OCM.



FallTech Test Report							
Test Report Number	PC-0831	Date	6/30/2016	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2014 4.2.1, 4.2.3, 4.2.5, 4.2.6, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Base Part #	7276100	Description	100' Contractor Self Retracting Device				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-0831	Date Received	2/24/2016	Date Complete	6/23/2016		
Test Operator	Yesbet Sierra	Test Operator	Jay Sponholz				

Material/Sample Identification	
Sample ID	Description
DPT1	100' Contractor Self-Retracting Device
DPT2	100' Contractor Self-Retracting Device
DPT3	100' Contractor Self-Retracting Device
DST1	100' Contractor Self-Retracting Device
DST2	100' Contractor Self-Retracting Device
DST3	100' Contractor Self-Retracting Device
S1	100' Contractor Self-Retracting Device
S2	100' Contractor Self-Retracting Device
S3	100' Contractor Self-Retracting Device
R1	100' Contractor Self-Retracting Device
R2	100' Contractor Self-Retracting Device
R3	100' Contractor Self-Retracting Device
H1	100' Contractor Self-Retracting Device
H2	100' Contractor Self-Retracting Device
H3	100' Contractor Self-Retracting Device
C1	100' Contractor Self-Retracting Device
C2	100' Contractor Self-Retracting Device
C3	100' Contractor Self-Retracting Device
W1	100' Contractor Self-Retracting Device
W2	100' Contractor Self-Retracting Device
W3	100' Contractor Self-Retracting Device

FallTech Test Report						
Test Report Number	PC-0831	Date	6/30/2016	Rev		Rev Date
Report Prepared For	FallTech					
Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2014 4.2.1, 4.2.3, 4.2.5, 4.2.6, 4.2.8.1, 4.2.8.2, 4.2.8.3			
Base Part #	7276100	Description	100' Contractor Self Retracting Device			
Proposed Part #	N/A	Built By Whom	Production	BOM	No	
Test Request #	PC-0831	Date Received	2/24/2016	Date Complete	6/23/2016	

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 $\leq 54"$	25.0"	Pass
	Max Arrest Force	≤ 1800 Lbf	1151.5 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	893.3 lbF	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	3.6 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	5.6 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	7.2 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	8.6 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	9.8 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	10.8 lbF	Pass
ANSI Z359.14-2014 4.2.1, 4.2.6	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	24.0"	Pass
	Max Arrest Force	≤ 1800 Lbf	1112.0 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	837.7 lbF	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	4.2 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	8.0 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	7.8 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	8.8 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	10.6 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	10.6 lbF	Pass

FallTech Test Report							
Test Report Number	PC-0831	Date	6/30/2016	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2014 4.2.1, 4.2.3, 4.2.5, 4.2.6, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Base Part #	7276100	Description	100' Contractor Self Retracting Device				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-0831	Date Received	2/24/2016	Date Complete	6/23/2016		
ANSI Z359.14-2014 4.2.1, 4.2.6	Arrest Distance	Class A \leq 24" Class B \leq 54"	29.0"		Pass		
	Max Arrest Force	\leq 1800 Lbf	1325.8 lbf		Pass		
	Avg Arrest Force	Class A \leq 1350 Lbf Class B \leq 900 Lbf	943.2 lbf		Pass		
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	4.2 lbf		Pass		
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	6.6 lbf		Pass		
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	7.0 lbf		Pass		
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	8.6 lbf		Pass		
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	9.4 lbf		Pass		
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	9.8 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	\geq 1000 Lbf	1022.9 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	\geq 1000 Lbf	1022.2 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	\geq 1000 Lbf	1022.9 lbf		Pass		

FallTech Test Report							
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Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2014 4.2.1, 4.2.3, 4.2.5, 4.2.6, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Base Part #	7276100	Description	100' Contractor Self Retracting Device				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-0831	Date Received	2/24/2016	Date Complete	6/23/2016		
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	2991.2 lbF	Pass			
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3010.6 lbF	Pass			
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3029.9 lbF	Pass			
ANSI Z359.14-2014 4.2.6	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	4.8 lbF	Pass			
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.2 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	8.0 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	8.4 lbF	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	10.6 lbF	Pass			
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	10.2 lbF	Pass			
ANSI Z359.14-2014 4.2.6	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.8 lbF	Pass			
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.8 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.8 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	9.2 lbF	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	10.6 lbF	Pass			
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	9.8 lbF	Pass			
ANSI Z359.14-2014 4.2.6	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	4.0 lbF	Pass			
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.0 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.2 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	8.4 lbF	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	10.2 lbF	Pass			
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	10.2 lbF	Pass			

FallTech Test Report							
Test Report Number	PC-0831	Date	6/30/2016	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2014 4.2.1, 4.2.3, 4.2.5, 4.2.6, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Base Part #	7276100	Description	100' Contractor Self Retracting Device				
Proposed Part #	N/A	Built By Whom	Production	BOM No			
Test Request #	PC-0831	Date Received	2/24/2016	Date Complete	6/23/2016		
ANSI Z359.14-2014 4.2.8.1	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	25.0"	Pass			
	Max Arrest Force	≤ 1800 Lbf	1262.0 lbF	Pass			
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	891.3 lbF	Pass			
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	3.6 lbF	Pass			
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	7.8 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	7.4 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	10.2 lbF	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	10.6 lbF	Pass			
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	11.0 lbF	Pass			
ANSI Z359.14-2014 4.2.8.1	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	21.0"	Pass			
	Max Arrest Force	≤ 1800 Lbf	906.3 lbF	Pass			
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	581.6 lbF	Pass			
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	6.0 lbF	Pass			
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	8.2 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	10.0 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	9.0 lbF	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	9.4 lbF	Pass			
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	10.6 lbF	Pass			

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Base Part #	7276100	Description	100' Contractor Self Retracting Device				
Proposed Part #	N/A	Built By Whom	Production	BOM No			
Test Request #	PC-0831	Date Received	2/24/2016	Date Complete	6/23/2016		
ANSI Z359.14-2014 4.2.8.1	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	27.0"	Pass			
	Max Arrest Force	≤ 1800 Lbf	1205.7 lbF	Pass			
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	866.1 lbF	Pass			
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	5.4 lbF	Pass			
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	7.0 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	8.0 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	9.0 lbF	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	11.0 lbF	Pass			
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	10.8 lbF	Pass			
ANSI Z359.14-2014 4.2.8.2	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	21.0"	Pass			
	Max Arrest Force	≤ 1800 Lbf	987.5 lbF	Pass			
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	711.7 lbF	Pass			
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	4.4 lbF	Pass			
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	6.6 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	6.6 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	9.4 lbF	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	8.0 lbF	Pass			
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	10.4 lbF	Pass			

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Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2014 4.2.1, 4.2.3, 4.2.5, 4.2.6, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Base Part #	7276100	Description	100' Contractor Self Retracting Device				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-0831	Date Received	2/24/2016	Date Complete	6/23/2016		
ANSI Z359.14-2014 4.2.8.2	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	32.2"	Pass			
	Max Arrest Force	≤ 1800 Lbf	1117.3 lbF	Pass			
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	721.2 lbF	Pass			
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	3.8 lbF	Pass			
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	6.4 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	7.6 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	8.8 lbF	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	9.8 lbF	Pass			
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	10.8 lbF	Pass			
ANSI Z359.14-2014 4.2.8.2	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	55.0"	Pass			
	Max Arrest Force	≤ 1800 Lbf	1173.4 lbF	Pass			
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	807.0 lbF	Pass			
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	4.6 lbF	Pass			
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	6.4 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	7.2 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	8.8 lbF	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	10.6 lbF	Pass			
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	10.5 lbF	Pass			

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Base Part #	7276100	Description	100' Contractor Self Retracting Device				
Proposed Part #	N/A	Built By Whom	Production	BOM		No	
Test Request #	PC-0831	Date Received	2/24/2016	Date Complete	6/23/2016		
ANSI Z359.14-2014 4.2.8.3	Arrest Distance	Class A \leq 24" Class B \leq 54"	30.0"	Pass			
	Max Arrest Force	\leq 1800 Lbf	987.3 lbF	Pass			
	Avg Arrest Force	Class A \leq 1575 Lbf Class B \leq 1125 Lbf	693.1 lbF	Pass			
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	3.6 lbF	Pass			
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	6.2 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	7.4 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	8.8 lbF	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	10.0 lbF	Pass			
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	11.8 lbF	Pass			
ANSI Z359.14-2014 4.2.8.3	Arrest Distance	Class A \leq 24" Class B \leq 54"	35.0"	Pass			
	Max Arrest Force	\leq 1800 Lbf	713.9 lbF	Pass			
	Avg Arrest Force	Class A \leq 1575 Lbf Class B \leq 1125 Lbf	567.8 lbF	Pass			
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	3.8 lbF	Pass			
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	6.4 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	7.2 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	8.8 lbF	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	10.4 lbF	Pass			
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	10.8 lbF	Pass			

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Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2014 4.2.1, 4.2.3, 4.2.5, 4.2.6, 4.2.8.1, 4.2.8.2, 4.2.8.3			
Base Part #	7276100	Description	100' Contractor Self Retracting Device			
Proposed Part #	N/A	Built By Whom	Production	BOM		No
Test Request #	PC-0831	Date Received	2/24/2016	Date Complete	6/23/2016	
ANSI Z359.14-2014 4.2.8.3	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	33.0"	Pass		
	Max Arrest Force	≤ 1800 Lbf	986.6 lbf	Pass		
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	687.7 lbf	Pass		
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	4.6 lbf	Pass		
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.2 lbf	Pass		
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.2 lbf	Pass		
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	8.2 lbf	Pass		
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	9.0 lbf	Pass		
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	11.0 lbf	Pass		

Conclusion
FallTech P/N 7276100 Self-retracting Device meets the requirements of ANSI Z359.14-2014.

Report Signatories and Approval			
Lab Quality Manager	<i>Jay Spornholz</i>	Date	6/30/2016
Witnessed by	<i>Jim Parsons for Robert Fortner</i>	Date	8/30/16