

Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



Declaration #

D0316022b

Declaration Date

3.31.16

Tested Item #

7265C

60' DuraTech® Self-Retracting Lifeline Galvanized

Additional Items Conforming Under this Declaration:

7265B

7267C

7267B

7268C

7268B

7265CS

7265CSS

7268CS

7268CSS

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-0830

PC-0969

Authorized Signature

A handwritten signature in black ink, appearing to read 'Mark Sasaki', is written over a dashed horizontal line.

Name

Mark Sasaki

Title

Director of Engineering

Date

8.30.18



Testing. Advising. Assuring.

April 14, 2016

FallTech Testing Laboratory

Attention: Jay Sponholz
Quality Manager

Subject: **Attestation of Witnessing Testing**
Exova OCM Job # 360527-3
FallTech P.O.: OPEN
Report No.: PC-0830
Base Part No. 7265B
Description: 60' Cable, DuraTech 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:
 - 16, 23 March 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-0830	3/31/2016	7265B	60' Cable, Self-Retracting Device	3146049 3146032 3146036 3146048 3146047 3146044 3146035 3146039 3146043 3146049 3146032 3146036 3146037 3146045 3146041 3146046 3146050 3207416 3146034 3146038 3146042	Pass

Test Witness Signature: Robert Fortner Technician Mechanical Laboratory	<i>(Signed for and on behalf of Exova-OCM)</i> 	
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Approval Signature: Thomas J. (Tom) Parsons Manager Quality / Technical Services	<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-0830	Date	3/31/2016	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 #	7265B	Description	60' Cable, DuraTech Self Retracting Device			
Proposed Part #	N/A	Built By Whom	Production	BOM	No	
Test Request #	PC-0830	Date Received	2/24/2016	Date Complete	3/23/2016	
Test Operator	Yesbet Sierra	Test Operator	Jay Sponholz			

Material/Sample Identification	
Sample ID	Description
3146049	60' Cable, Self-Retracting Device
3146032	60' Cable, Self-Retracting Device
3146036	60' Cable, Self-Retracting Device
3146048	60' Cable, Self-Retracting Device
3146047	60' Cable, Self-Retracting Device
3146044	60' Cable, Self-Retracting Device
3146035	60' Cable, Self-Retracting Device
3146039	60' Cable, Self-Retracting Device
3146043	60' Cable, Self-Retracting Device
3146049	60' Cable, Self-Retracting Device
3146032	60' Cable, Self-Retracting Device
3146036	60' Cable, Self-Retracting Device
3146037	60' Cable, Self-Retracting Device
3146045	60' Cable, Self-Retracting Device
3146041	60' Cable, Self-Retracting Device
3146046	60' Cable, Self-Retracting Device
3146050	60' Cable, Self-Retracting Device
3207416	60' Cable, Self-Retracting Device
3146034	60' Cable, Self-Retracting Device
3146038	60' Cable, Self-Retracting Device
3146042	60' Cable, Self-Retracting Device

FallTech Test Report						
Test Report Number	PC-0830	Date	3/31/2016	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 #	7265B	Description	60' Cable, DuraTech Self Retracting Device			
Proposed Part #	N/A	Built By Whom	Production	BOM	No	
Test Request #	PC-0830	Date Received	2/24/2016	Date Complete	3/23/2016	

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"	32.6"	Pass
	Max Arrest Force	\leq 1800 Lbf	1236.1 lbF	Pass
	Avg Arrest Force	Class A \leq 1350 Lbf Class B \leq 900 Lbf	787.7 lbF	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	3.0 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	4.6 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	6.0 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	7.2 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	7.5 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	8.8 lbF	Pass
	ANSI Z359.14-2014 4.2.1, 4.2.6	Arrest Distance	Class A \leq 24" Class B \leq 54"	28.4"
Max Arrest Force		\leq 1800 Lbf	1249.5 lbF	Pass
Avg Arrest Force		Class A \leq 1350 Lbf Class B \leq 900 Lbf	820.3 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	4.8 lbF	Pass
Retraction Tension 40% Extracted		1.25 Lbf - 25 Lbf \leq 24" Extended	6.0 lbF	Pass
Retraction Tension 60% Extracted		1.25 Lbf - 25 Lbf \leq 24" Extended	6.6 lbF	Pass
Retraction Tension 80% Extracted		1.25 Lbf - 25 Lbf \leq 24" Extended	7.6 lbF	Pass
Retraction Tension 100% Extracted		1.25 Lbf - 25 Lbf \leq 24" Extended	7.2 lbF	Pass

FallTech Test Report							
Test Report Number	PC-0830	Date	3/31/2016	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 #	7265B	Description	60' Cable, DuraTech Self Retracting Device				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-0830	Date Received	2/24/2016	Date Complete	3/23/2016		
ANSI Z359.14-2014 4.2.1, 4.2.6	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	29.6"	Pass			
	Max Arrest Force	≤ 1800 Lbf	1124.2 lbF	Pass			
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	842.9 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	4.6 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	6.2 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	6.6 lbF	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	8.2 lbF	Pass			
Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	7.6 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	1031.9 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	≥ 1000 Lbf	1035.0 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	1042.7 lbF	Pass			

FallTech Test Report							
Test Report Number	PC-0830	Date	3/31/2016	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 #	7265B	Description	60' Cable, DuraTech Self Retracting Device				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-0830	Date Received	2/24/2016	Date Complete	3/23/2016		
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3046.5 lbF	Pass			
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3058.0 lbF	Pass			
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3038.7 lbF	Pass			
ANSI Z359.14-2014 4.2.6	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.2 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	6.0 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.6 lbF	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	8.0 lbF	Pass			
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.4 lbF	Pass			
ANSI Z359.14-2014 4.2.6	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.2 lbF	Pass			
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	4.6 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.4 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.0 lbF	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.8 lbF	Pass			
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.8 lbF	Pass			
ANSI Z359.14-2014 4.2.6	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.4 lbF	Pass			
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.2 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.2 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.0 lbF	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.8 lbF	Pass			
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.6 lbF	Pass			

FallTech Test Report							
Test Report Number	PC-0830	Date	3/31/2016	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 #	7265B	Description	60' Cable, DuraTech Self Retracting Device				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-0830	Date Received	2/24/2016	Date Complete	3/23/2016		
ANSI Z359.14-2014 4.2.8.1	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	22.0"	Pass			
	Max Arrest Force	≤ 1800 Lbf	1171.8 lbF	Pass			
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	842.3 lbF	Pass			
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	3.4 lbF	Pass			
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	4.6 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	4.8 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	5.8 lbF	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	6.0 lbF	Pass			
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	8.8 lbF	Pass			
ANSI Z359.14-2014 4.2.8.1	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	20.6"	Pass			
	Max Arrest Force	≤ 1800 Lbf	1822.0 lbF	Pass			
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	787.5 lbF	Pass			
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	3.2 lbF	Pass			
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	4.8 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	5.6 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	6.6 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	6.6 lbF	Pass			

FallTech Test Report							
Test Report Number	PC-0830	Date	3/31/2016	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 #	7265B	Description	60' Cable, DuraTech Self Retracting Device				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-0830	Date Received	2/24/2016	Date Complete	3/23/2016		
ANSI Z359.14-2014 4.2.8.1	Arrest Distance	Class A $\leq 24''$ Class B $\leq 54''$	20.2"	Pass			
	Max Arrest Force	≤ 1800 Lbf	1072.0 lbF	Pass			
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	812.9 lbF	Pass			
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24''$ Extended	3.4 lbF	Pass			
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24''$ Extended	4.8 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24''$ Extended	6.0 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24''$ Extended	6.6 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	6.4 lbF	Pass				
ANSI Z359.14-2014 4.2.8.2	Arrest Distance	Class A $\leq 24''$ Class B $\leq 54''$	24.0"	Pass			
	Max Arrest Force	≤ 1800 Lbf	1403.1 lbF	Pass			
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	1021.2 lbF	Pass			
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24''$ Extended	3.4 lbF	Pass			
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24''$ Extended	5.2 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24''$ Extended	5.4 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24''$ Extended	6.4 lbF	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24''$ Extended	7.8 lbF	Pass			
Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24''$ Extended	7.2 lbF	Pass				

FallTech Test Report							
Test Report Number	PC-0830	Date	3/31/2016	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 #	7265B	Description	60' Cable, DuraTech Self Retracting Device				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-0830	Date Received	2/24/2016	Date Complete	3/23/2016		
ANSI Z359.14-2014 4.2.8.2	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	20.8"	Pass			
	Max Arrest Force	≤ 1800 Lbf	1553.7 lbF	Pass			
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	1001.0 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	4.8 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	5.2 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	6.4 lbF	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	7.8 lbF	Pass			
Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	6.6 lbF	Pass				
ANSI Z359.14-2014 4.2.8.2	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	22.4"	Pass			
	Max Arrest Force	≤ 1800 Lbf	1359.5 lbF	Pass			
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	1005.8 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	4.6 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	5.6 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	6.2 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	6.6 lbF	Pass				

FallTech Test Report							
Test Report Number	PC-0830	Date	3/31/2016	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 #	7265B	Description	60' Cable, DuraTech Self Retracting Device				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-0830	Date Received	2/24/2016	Date Complete	3/23/2016		
ANSI Z359.14-2014 4.2.8.3	Arrest Distance	Class A \leq 24" Class B \leq 54"	33.6"	Pass			
	Max Arrest Force	\leq 1800 Lbf	1537.3 lbF	Pass			
	Avg Arrest Force	Class A \leq 1575 Lbf Class B \leq 1125 Lbf	775.0 lbF	Pass			
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	3.4 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	6.6 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	7.4 lbF	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	8.2 lbF	Pass			
Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	7.4 lbF	Pass				
ANSI Z359.14-2014 4.2.8.3	Arrest Distance	Class A \leq 24" Class B \leq 54"	32.6"	Pass			
	Max Arrest Force	\leq 1800 Lbf	1203.2 lbF	Pass			
	Avg Arrest Force	Class A \leq 1575 Lbf Class B \leq 1125 Lbf	748.4 lbF	Pass			
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	5.0 lbF	Pass			
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	5.4 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	6.2 lbF	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	7.0 lbF	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	8.4 lbF	Pass			
Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	7.6 lbF	Pass				

FallTech Test Report					
Test Report Number	PC-0830	Date	3/31/2016	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 #	7265B	Description	60' Cable, DuraTech Self Retracting Device		
Proposed Part #	N/A	Built By Whom	Production	BOM	No
Test Request #	PC-0830	Date Received	2/24/2016	Date Complete	3/23/2016
ANSI Z359.14-2014 4.2.8.3	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	24.4"	Pass	
	Max Arrest Force	≤ 1800 Lbf	1225.1 lbf	Pass	
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	840.1 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	5.2 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	7.0 lbf	Pass	
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	8.2 lbf	Pass	
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	7.2 lbf	Pass	

Conclusion	
FallTech P/N 7265B Self-retracting Device meets the requirements of ANSI Z359.14-2014.	

Report Signatories and Approval			
Lab Quality Manager	<i>Jay Sporkholz</i>	Date	3/31/2016
Witnessed by	<i>Robert Fortin</i>	Date	4/14/2016

FallTech Test Report						
Test Report Number	PC-0969	Date	11/18/2016	Rev		Rev Date
Report Prepared For	FallTech					
Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2014; 4.2.1, 4.2.6			
Base Part #	7265C	Description	60' Self Retracting Device			
Proposed Part #	N/A	Built By Whom	Production	BOM	No	
Test Request #	PC-0969	Date Received	10/5/2016	Date Complete	11/4/2016	
Test Operator	Yesbet Sierra	Test Operator	Jay Sponholz			

Material/Sample Identification	
Sample ID	Description
D1	60' Self-Retracting Device
D2	60' Self-Retracting Device
D3	60' Self-Retracting Device

Test Summary				
Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.1, 4.2.6	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	14.2"	Pass
	Max Arrest Force	≤ 1800 Lbf	1639.2 lbf	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	1037.1 lbf	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.6 lbf	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.6 lbf	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.4 lbf	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.8 lbf	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	8.6 lbf	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	8.0 lbf	Pass
ANSI Z359.14-2014 4.2.1, 4.2.6	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	25.5"	Pass
	Max Arrest Force	≤ 1800 Lbf	1108.2 lbf	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	784.0 lbf	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.0 lbf	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.8 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	8.4 lbf	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	9.4 lbf	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	10.0 lbf	Pass

FallTech Test Report						
Test Report Number	PC-0969	Date	11/18/2016	Rev		Rev Date
Report Prepared For	FallTech					
Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2014; 4.2.1, 4.2.6			
Base Part #	7265C	Description	60' Self Retracting Device			
Proposed Part #	N/A	Built By Whom	Production	BOM	No	
Test Request #	PC-0969	Date Received	10/5/2016	Date Complete	11/4/2016	

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 $\leq 54"$	22.0"	Pass
	Max Arrest Force	≤ 1800 Lbf	1352.8 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	1031.3 lbF	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	6.4 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	7.6 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	9.2 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	10.4 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	10.6 lbF	Pass

Conclusion
FallTech P/N 7265C 60' Self-retracting Device meets the requirements of ANSI Z359.14-2014. (4.2.1, 4.2.6)

Report Signatories and Approval			
Lab Quality Manager		Date	11/18/2016
Witnessed by	Not Required	Date	N/A

FallTech Test Report						
Test Report Number	PC-0991	Date	12/19/2016	Rev		Rev Date
Report Prepared For	FallTech					
Initiated By	Warren Faber	Test Specification	ANSI Z359.14-2014; 4.2.1, 4.2.6			
Base Part #	7267C	Description	40' Aluminum DuraTech SRD			
Proposed Part #	7267C	Built By Whom	Production	BOM	No	
Test Request #	PC-0991	Date Received	11/28/2016	Date Complete	12/14/2016	
Test Operator	Yesbet Sierra	Test Operator	Jay Sponholz			

Material/Sample Identification	
Sample ID	Description
FT17439	40' Aluminum DuraTech SRD
FT17411	40' Aluminum DuraTech SRD
FT17463	40' Aluminum DuraTech SRD

Test Summary				
Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.1, 4.2.6	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	17.4"	Pass
	Max Arrest Force	≤ 1800 Lbf	1321.4 lbf	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	945.7 lbf	Pass
	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	5.2 lbf	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.6 lbf	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.6 lbf	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.8 lbf	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.8 lbf	Pass
ANSI Z359.14-2014 4.2.1, 4.2.6	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	12.8"	Pass
	Max Arrest Force	≤ 1800 Lbf	1268.0 lbf	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	900.5 lbf	Pass
	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	5.0 lbf	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.6 lbf	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.6 lbf	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.8 lbf	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.2 lbf	Pass

FallTech Test Report						
Test Report Number	PC-0991	Date	12/19/2016	Rev		Rev Date
Report Prepared For	FallTech					
Initiated By	Warren Faber	Test Specification	ANSI Z359.14-2014; 4.2.1, 4.2.6			
Base Part #	7267C	Description	40' Aluminum DuraTech SRD			
Proposed Part #	7267C	Built By Whom	Production	BOM	No	
Test Request #	PC-0991	Date Received	11/28/2016	Date Complete	12/14/2016	

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"	14.4"	Pass
	Max Arrest Force	\leq 1800 Lbf	1489.9 lbf	Pass
	Avg Arrest Force	Class A \leq 1350 Lbf Class B \leq 900 Lbf	949.9 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	4.8 lbf	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	5.6 lbf	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	5.8 lbf	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	6.8 lbf	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	6.8 lbf	Pass

Conclusion
FallTech P/N 7267C 40' Aluminum DuraTech SRD meets the requirements of ANSI Z359.14-2014. (4.2.1, 4.2.6)

Report Signatories and Approval			
Lab Quality Manager		Date	12/19/2016
Witnessed by	Not Required	Date	N/A

FallTech Test Report						
Test Report Number	PC-0991	Date	12/19/2016	Rev		Rev Date
Report Prepared For	FallTech					
Initiated By	Warren Faber	Test Specification	ANSI Z359.14-2014; 4.2.1, 4.2.6			
Base Part #	7267C	Description	40' Aluminum DuraTech SRD			
Proposed Part #	7267C	Built By Whom	Production	BOM	No	
Test Request #	PC-0991	Date Received	11/28/2016	Date Complete	12/14/2016	

Test Information			
Description of Test	Dynamic Performance and Retraction Tension Test, Self-retracting Device		
Test Method	ANSI Z359.14-2014 4.2.1, 4.2.6		
Acceptance Criteria	ANSI Z359.14-2014 3.1.9, 3.1.6		
Test Procedure	TI-001		
Conditioning Requirements	Not Applicable	Actual Conditions	Not Applicable
Time Removed from Conditioning	Not Applicable	Time Tested	Not Applicable
Test Environment	70.5°F / 60.0% RH		
Test By	Yesbet Sierra, Jay Sponholz	Test Date	12/14/2016

Equipment Used			
Equipment Used	Size/Type	Control Number	Calibration Date
Load Cell	10,000 Lbs	342183	5/2/2016
Test Weight	282 Lbs	TW282	4/16/2014
Altimeter	100 Ft	ALE-87283	6/7/2016
Force Gauge	30 Lbf x 0.2 Lbf	5675	6/1/2016

Test Results				
Sample ID	Characteristic	Criteria	Test Data	Pass/Fail
FT17439	Arrest Distance	Class A \leq 24" Class B \leq 54"	17.4"	Pass
	Max Arrest Force	\leq 1800 Lbf	1321.4 lbF	Pass
	Avg Arrest Force	Class A \leq 1350 Lbf Class B \leq 900 Lbf	945.7 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	5.2 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	5.6 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	5.6 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	6.8 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	6.8 lbF	Pass

FallTech Test Report							
Test Report Number	PC-0991	Date	12/19/2016	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Warren Faber	Test Specification	ANSI Z359.14-2014; 4.2.1, 4.2.6				
Base Part #	7267C	Description	40' Aluminum DuraTech SRD				
Proposed Part #	7267C	Built By Whom	Production	BOM	No		
Test Request #	PC-0991	Date Received	11/28/2016	Date Complete	12/14/2016		
FT17411	Arrest Distance	Class A $\leq 24''$ Class B $\leq 54''$	12.8"		Pass		
	Max Arrest Force	≤ 1800 Lbf	1268.0 lbF		Pass		
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	900.5 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	5.0 lbF		Pass		
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24''$ Extended	5.6 lbF		Pass		
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24''$ Extended	5.6 lbF		Pass		
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24''$ Extended	6.8 lbF		Pass		
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24''$ Extended	7.2 lbF		Pass		
FT17463	Arrest Distance	Class A $\leq 24''$ Class B $\leq 54''$	14.4"		Pass		
	Max Arrest Force	≤ 1800 Lbf	1489.9 lbF		Pass		
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	949.9 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	4.8 lbF		Pass		
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24''$ Extended	5.6 lbF		Pass		
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24''$ Extended	5.8 lbF		Pass		
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24''$ Extended	6.8 lbF		Pass		
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24''$ Extended	6.8 lbF		Pass		

End of Report



FallTech Test Report						
Test Report Number	PC-0992	Date	12/19/2016	Rev		Rev Date
Report Prepared For	FallTech					
Initiated By	Warren Faber	Test Specification	ANSI Z359.14-2014; 4.2.1, 4.2.6			
Base Part #	7268C	Description	50' Aluminum DuraTech SRD			
Proposed Part #	7268C	Built By Whom	Production	BOM	No	
Test Request #	PC-0992	Date Received	11/28/2016	Date Complete	12/14/2016	
Test Operator	Yesbet Sierra	Test Operator	Jay Sponholz			

Material/Sample Identification	
Sample ID	Description
FT17466	50' Aluminum DuraTech SRD
FT17496	50' Aluminum DuraTech SRD
FT17459	50' Aluminum DuraTech SRD

Test Summary				
Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.1, 4.2.6	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	20.7"	Pass
	Max Arrest Force	≤ 1800 Lbf	1134.8 lbf	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	886.9 lbf	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	4.2 lbf	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.0 lbf	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.0 lbf	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.4 lbf	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.2 lbf	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.0 lbf	Pass
ANSI Z359.14-2014 4.2.1, 4.2.6	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	20.6"	Pass
	Max Arrest Force	≤ 1800 Lbf	1195.9 lbf	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	933.0 lbf	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.2 lbf	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	4.2 lbf	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.0 lbf	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.2 lbf	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.4 lbf	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.6 lbf	Pass



FallTech Test Report						
Test Report Number	PC-0992	Date	12/19/2016	Rev		Rev Date
Report Prepared For	FallTech					
Initiated By	Warren Faber	Test Specification	ANSI Z359.14-2014; 4.2.1, 4.2.6			
Base Part #	7268C	Description	50' Aluminum DuraTech SRD			
Proposed Part #	7268C	Built By Whom	Production	BOM	No	
Test Request #	PC-0992	Date Received	11/28/2016	Date Complete	12/14/2016	

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 $\leq 54"$	18.6"	Pass
	Max Arrest Force	≤ 1800 Lbf	1226.2 lbf	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	969.0 lbf	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	4.0 lbf	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	5.2 lbf	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	5.4 lbf	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	7.0 lbf	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	7.2 lbf	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	8.0 lbf	Pass

Conclusion
FallTech P/N 7268C 50' Aluminum DuraTech SRD meets the requirements of ANSI Z359.14-2014. (4.2.1, 4.2.6)

Report Signatories and Approval			
Lab Quality Manager		Date	12/19/2016
Witnessed by	Not Required	Date	N/A

FallTech Test Report						
Test Report Number	PC-0992	Date	12/19/2016	Rev		Rev Date
Report Prepared For	FallTech					
Initiated By	Warren Faber	Test Specification	ANSI Z359.14-2014; 4.2.1, 4.2.6			
Base Part #	7268C	Description	50' Aluminum DuraTech SRD			
Proposed Part #	7268C	Built By Whom	Production	BOM	No	
Test Request #	PC-0992	Date Received	11/28/2016	Date Complete	12/14/2016	

Test Information			
Description of Test	Dynamic Performance and Retraction Tension Test, Self-retracting Device		
Test Method	ANSI Z359.14-2014 4.2.1, 4.2.6		
Acceptance Criteria	ANSI Z359.14-2014 3.1.9, 3.1.6		
Test Procedure	TI-001		
Conditioning Requirements	Not Applicable	Actual Conditions	Not Applicable
Time Removed from Conditioning	Not Applicable	Time Tested	Not Applicable
Test Environment	70.5°F / 59.9% RH		
Test By	Yesbet Sierra, Jay Sponholz	Test Date	12/14/2016

Equipment Used			
Equipment Used	Size/Type	Control Number	Calibration Date
Load Cell	10,000 Lbs	342183	5/2/2016
Test Weight	282 Lbs	TW282	4/16/2014
Altimeter	100 Ft	ALE-87283	6/7/2016
Force Gauge	30 Lbf x 0.2 Lbf	5675	6/1/2016

Test Results				
Sample ID	Characteristic	Criteria	Test Data	Pass/Fail
FT17466	Arrest Distance	Class A \leq 24" Class B \leq 54"	20.7"	Pass
	Max Arrest Force	\leq 1800 Lbf	1134.8 lbF	Pass
	Avg Arrest Force	Class A \leq 1350 Lbf Class B \leq 900 Lbf	886.9 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	5.0 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	5.0 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	6.4 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	7.2 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf \leq 24" Extended	7.0 lbF	Pass

FallTech Test Report							
Test Report Number	PC-0992	Date	12/19/2016	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Warren Faber	Test Specification	ANSI Z359.14-2014; 4.2.1, 4.2.6				
Base Part #	7268C	Description	50' Aluminum DuraTech SRD				
Proposed Part #	7268C	Built By Whom	Production	BOM	No		
Test Request #	PC-0992	Date Received	11/28/2016	Date Complete	12/14/2016		
FT17496	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	20.6"		Pass		
	Max Arrest Force	≤ 1800 Lbf	1195.9 lbf		Pass		
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	933.0 lbf		Pass		
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.2 lbf		Pass		
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	4.2 lbf		Pass		
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.0 lbf		Pass		
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.2 lbf		Pass		
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.4 lbf		Pass		
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.6 lbf		Pass		
FT17459	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	18.6"		Pass		
	Max Arrest Force	≤ 1800 Lbf	1226.2 lbf		Pass		
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	969.0 lbf		Pass		
	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	5.2 lbf		Pass		
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.4 lbf		Pass		
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.0 lbf		Pass		
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.2 lbf		Pass		
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	8.0 lbf		Pass		

End of Report

