

Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



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

Declaration #

D0716024a

Declaration Date

7.8.16

Tested Item #

7281

60' 3-Way Self-Retracting/Retrieval SRL-R

Additional Items Conforming Under this Declaration:

7281S

7281SS

7283

7283S

7285

7285S

7285SS

7281DG

7281DS

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-0865

Authorized Signature

Name

Dustin Hawkins

Title

VP Business Development

Date

10.21.17



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 # 361179-2
FallTech P.O.: OPEN
Report No.: PC-0865
Base Part No. 7281
Description: 60' Cable 3-Way Self-Retracting Device

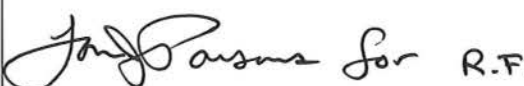
Dear Mr. Sponholz:

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 9, 33, 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-0865	7/8/2016	7281	60' Cable 3-Way Self-Retracting Device	FT15026 FT16272 FT15042 FT16260 FT16259 FT15078 FT15026 FT16272 FT15042 FT16287 FT17267 FT17299 FT16279 FT15071 FT16299 FT15028 FT15080 FT16258 FT16272 FT15026 FT15048 FT15075 FT16294 FT15059	Pass

Test Witness Signature: Robert Fortner Technician Mechanical Laboratory	(Signed for and on behalf of Exova-OCM)  R.F.	
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Approval Signature: Mark E. Kokosinski General Manager	(Signed for and on behalf of Exova-OCM) 	
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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 Testing Laboratory
 Attestation Number: 36179-2
 Revision Letter: Original
 Page 2 of 2

FallTech Test Report							
Test Report Number	PC-0865	Date	7/8/2016	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2014 4.3.1, 4.3.3, 4.2.1, 4.3.4, 4.2.8.1, 4.2.8.2, 4.2.8.3, 4.2.5, 4.2.6,				
Base Part #	7281	Description	60' Cable 3-Way Self Retracting Device				
Proposed Part #	N/A	Built By Whom	Production			BOM	No
Test Request #	PC-0865	Date Received	6/7/2016	Date Complete		6/29/2016	
Test Operator	Yesbet Sierra	Test Operator	Jay Sponholz				

Material/Sample Identification	
Sample ID	Description
FT15026	60' Cable 3-Way Self Retracting Device
FT16272	60' Cable 3-Way Self Retracting Device
FT15042	60' Cable 3-Way Self Retracting Device
FT16260	60' Cable 3-Way Self Retracting Device
FT16259	60' Cable 3-Way Self Retracting Device
FT15078	60' Cable 3-Way Self Retracting Device
FT15026	60' Cable 3-Way Self Retracting Device
FT16272	60' Cable 3-Way Self Retracting Device
FT15042	60' Cable 3-Way Self Retracting Device
FT16287	60' Cable 3-Way Self Retracting Device
FT17267	60' Cable 3-Way Self Retracting Device
FT17299	60' Cable 3-Way Self Retracting Device
FT16279	60' Cable 3-Way Self Retracting Device
FT15071	60' Cable 3-Way Self Retracting Device
FT16299	60' Cable 3-Way Self Retracting Device
FT15028	60' Cable 3-Way Self Retracting Device
FT15080	60' Cable 3-Way Self Retracting Device
FT16258	60' Cable 3-Way Self Retracting Device
FT16272	60' Cable 3-Way Self Retracting Device
FT15026	60' Cable 3-Way Self Retracting Device
FT15048	60' Cable 3-Way Self Retracting Device
FT15075	60' Cable 3-Way Self Retracting Device
FT16294	60' Cable 3-Way Self Retracting Device
FT15059	60' Cable 3-Way Self Retracting Device

FallTech Test Report							
Test Report Number	PC-0865	Date	7/8/2016	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2014 4.3.1, 4.3.3, 4.2.1, 4.3.4, 4.2.8.1, 4.2.8.2, 4.2.8.3, 4.2.5, 4.2.6,				
Base Part #	7281	Description	60' Cable 3-Way Self Retracting Device				
Proposed Part #	N/A	Built By Whom	Production			BOM	No
Test Request #	PC-0865	Date Received	6/7/2016		Date Complete		6/29/2016
Test Summary							
Test Specification	Test Criteria		Test Result		Pass/Fail		
ANSI Z359.14-2014 4.3.1	Functional 36" Travel 125 % Maximum Capacity	< 4" Vertical Displacement	0.0"		Pass		
	Hold	1 Minute	1 Minute		Pass		
	Functional 36" Travel 75 % Minimum Capacity	< 4" Vertical Displacement	0.0"		Pass		
	Hold	1 Minute	1 Minute		Pass		
ANSI Z359.14-2014 4.3.1	Functional 36" Travel 125 % Maximum Capacity	< 4" Vertical Displacement	0.0"		Pass		
	Hold	1 Minute	1 Minute		Pass		
	Functional 36" Travel 75 % Minimum Capacity	< 4" Vertical Displacement	0.0"		Pass		
	Hold	1 Minute	1 Minute		Pass		
ANSI Z359.14-2014 4.3.1	Functional 36" Travel 125 % Maximum Capacity	< 4" Vertical Displacement	0.0"		Pass		
	Hold	1 Minute	1 Minute		Pass		
	Functional 36" Travel 75 % Minimum Capacity	< 4" Vertical Displacement	0.0"		Pass		
	Hold	1 Minute	1 Minute		Pass		
ANSI Z359.14-2014 4.3.3	Static Strength Rescue Mode	≥ 3,000 Lbf for ≥ 60 Seconds	3106.2 lbf		Pass		
ANSI Z359.14-2014 4.3.3	Static Strength Rescue Mode	≥ 3,000 Lbf for ≥ 60 Seconds	3054.0 lbf		Pass		
ANSI Z359.14-2014 4.3.3	Static Strength Rescue Mode	≥ 3,000 Lbf for ≥ 60 Seconds	3053.5 lbf		Pass		

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Test Report Number	PC-0865	Date	7/8/2016	Rev		Rev Date
Report Prepared For	FallTech					
Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2014 4.3.1, 4.3.3, 4.2.1, 4.3.4, 4.2.8.1, 4.2.8.2, 4.2.8.3, 4.2.5, 4.2.6,			
Base Part #	7281	Description	60' Cable 3-Way Self Retracting Device			
Proposed Part #	N/A	Built By Whom	Production	BOM	No	
Test Request #	PC-0865	Date Received	6/7/2016	Date Complete	6/29/2016	
ANSI Z359.14-2014 4.2.1, 4.2.6, 4.3.4	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	22.2"	Pass		
	Max Arrest Force	≤ 1800 Lbf	1592.1 lbF	Pass		
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	1060.1 lbF	Pass		
	Post Fall Rescue Mode Functional Travel	50% Arrest Distance < 4" Vertical Displacement	11.1" Travel 0.0" Displacement	Pass		
	Visual Impact Indicator	Visual Deployment	Visually Deployed	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	5.4 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	7.4 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	7.8 lbF	Pass		
ANSI Z359.14-2014 4.2.1, 4.2.6, 4.3.4	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	22.8"	Pass		
	Max Arrest Force	≤ 1800 Lbf	1855.1 lbF	Pass		
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	1227.6 lbF	Pass		
	Post Fall Rescue Mode Functional Travel	50% Arrest Distance < 4" Vertical Displacement	11.4" Travel 0.0" Displacement	Pass		
	Visual Impact Indicator	Visual Deployment	Visually Deployed	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	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	6.8 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	7.0 lbF	Pass		

FallTech Test Report							
Test Report Number	PC-0865	Date	7/8/2016	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2014 4.3.1, 4.3.3, 4.2.1, 4.3.4, 4.2.8.1, 4.2.8.2, 4.2.8.3, 4.2.5, 4.2.6,				
Base Part #	7281	Description	60' Cable 3-Way Self Retracting Device				
Proposed Part #	N/A	Built By Whom	Production			BOM	No
Test Request #	PC-0865	Date Received	6/7/2016	Date Complete		6/29/2016	
ANSI Z359.14-2014 4.2.1, 4.2.6, 4.3.4	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	22.8"		Pass		
	Max Arrest Force	≤ 1800 Lbf	1756.2 lbf		Pass		
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	1178.2 lbf		Pass		
	Post Fall Rescue Mode Functional Travel	50% Arrest Distance < 4" Vertical Displacement	11.4" Travel 0.0" Displacement		Pass		
	Visual Impact Indicator	Visual Deployment	Visually Deployed		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	5.4 lbf		Pass		
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.8 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	8.0 lbf		Pass		
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.6 lbf		Pass		
ANSI Z359.14-2014 4.2.8.1, 4.3.4	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	23.0"		Pass		
	Max Arrest Force	≤ 1800 Lbf	1681.6 lbf		Pass		
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	1024.2 lbf		Pass		
	Post Fall Rescue Mode Functional Travel	50% Arrest Distance < 4" Vertical Displacement	11.5" Travel 0.0" Displacement		Pass		
	Visual Impact Indicator	Visual Deployment	Visually Deployed		Pass		
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	4.4 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	5.8 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	8.2 lbf		Pass		
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.4 lbf		Pass		

FallTech Test Report							
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Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2014 4.3.1, 4.3.3, 4.2.1, 4.3.4, 4.2.8.1, 4.2.8.2, 4.2.8.3, 4.2.5, 4.2.6,				
Base Part #	7281	Description	60' Cable 3-Way Self Retracting Device				
Proposed Part #	N/A	Built By Whom	Production			BOM	No
Test Request #	PC-0865	Date Received	6/7/2016	Date Complete		6/29/2016	
ANSI Z359.14-2014 4.2.8.1, 4.3.4	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	22.0"		Pass		
	Max Arrest Force	≤ 1800 Lbf	1426.2 lbF		Pass		
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	995.2 lbF		Pass		
	Post Fall Rescue Mode Functional Travel	50% Arrest Distance < 4" Vertical Displacement	11.0" Travel 0.0" Displacement		Pass		
	Visual Impact Indicator	Visual Deployment	Visually Deployed		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	5.4 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	6.8 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	9.4 lbF		Pass		
ANSI Z359.14-2014 4.2.8.1, 4.3.4	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	19.2"		Pass		
	Max Arrest Force	≤ 1800 Lbf	1365.5 lbF		Pass		
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	951.3 lbF		Pass		
	Post Fall Rescue Mode Functional Travel	50% Arrest Distance < 4" Vertical Displacement	9.6" Travel 0.0" Displacement		Pass		
	Visual Impact Indicator	Visual Deployment	Visually Deployed		Pass		
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	4.4 lbF		Pass		
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.4 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	7.2 lbF		Pass		
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	8.8 lbF		Pass		
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.2 lbF		Pass		

FallTech Test Report						
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Report Prepared For	FallTech					
Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2014 4.3.1, 4.3.3, 4.2.1, 4.3.4, 4.2.8.1, 4.2.8.2, 4.2.8.3, 4.2.5, 4.2.6,			
Base Part #	7281	Description	60' Cable 3-Way Self Retracting Device			
Proposed Part #	N/A	Built By Whom	Production	BOM	No	
Test Request #	PC-0865	Date Received	6/7/2016	Date Complete	6/29/2016	
ANSI Z359.14-2014 4.2.8.2, 4.3.4	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	22.8	Pass		
	Max Arrest Force	≤ 1800 Lbf	1739.2 lbf	Pass		
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	1145.1 lbf	Pass		
	Post Fall Rescue Mode Functional Travel	50% Arrest Distance < 4" Vertical Displacement	11.4" Travel 0.0" Displacement	Pass		
	Visual Impact Indicator	Visual Deployment	Visually Deployed	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	5.0 lbf	Pass		
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	6.4 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	7.0 lbf	Pass		
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	7.0 lbf	Pass		
ANSI Z359.14-2014 4.2.8.2, 4.3.4	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	24.6"	Pass		
	Max Arrest Force	≤ 1800 Lbf	1757.2 lbf	Pass		
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	1191.9 lbf	Pass		
	Post Fall Rescue Mode Functional Travel	50% Arrest Distance < 4" Vertical Displacement	12.3" Travel 0.0" Displacement	Pass		
	Visual Impact Indicator	Visual Deployment	Visually Deployed	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	5.6 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	7.2 lbf	Pass		
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	7.4 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-0865	Date	7/8/2016	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2014 4.3.1, 4.3.3, 4.2.1, 4.3.4, 4.2.8.1, 4.2.8.2, 4.2.8.3, 4.2.5, 4.2.6,				
Base Part #	7281	Description	60' Cable 3-Way Self Retracting Device				
Proposed Part #	N/A	Built By Whom	Production		BOM	No	
Test Request #	PC-0865	Date Received	6/7/2016	Date Complete	6/29/2016		
ANSI Z359.14-2014 4.2.8.2, 4.3.4	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	23.4"		Pass		
	Max Arrest Force	≤ 1800 Lbf	1841.1 lbF		Pass		
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	985.5 lbF		Pass		
	Post Fall Rescue Mode Functional Travel	50% Arrest Distance < 4" Vertical Displacement	11.7" Travel 0.0" Displacement		Pass		
	Visual Impact Indicator	Visual Deployment	Visually Deployed		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	6.6 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	7.4 lbF		Pass		
ANSI Z359.14-2014 4.2.8.3, 4.3.4	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	28.0"		Pass		
	Max Arrest Force	≤ 1800 Lbf	1618.9 lbF		Pass		
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	999.0 lbF		Pass		
	Post Fall Rescue Mode Functional Travel	50% Arrest Distance < 4" Vertical Displacement	14.0" Travel 0.0" Displacement		Pass		
	Visual Impact Indicator	Visual Deployment	Visually Deployed		Pass		
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	4.8 lbF		Pass		
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	6.0 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	7.4 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	7.2 lbF		Pass		

FallTech Test Report							
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Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2014 4.3.1, 4.3.3, 4.2.1, 4.3.4, 4.2.8.1, 4.2.8.2, 4.2.8.3, 4.2.5, 4.2.6,				
Base Part #	7281	Description	60' Cable 3-Way Self Retracting Device				
Proposed Part #	N/A	Built By Whom	Production			BOM	No
Test Request #	PC-0865	Date Received	6/7/2016	Date Complete		6/29/2016	
ANSI Z359.14-2014 4.2.8.3, 4.3.4	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	25.4"		Pass		
	Max Arrest Force	≤ 1800 Lbf	1438.4 lbF		Pass		
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	920.7 lbF		Pass		
	Post Fall Rescue Mode Functional Travel	50% Arrest Distance < 4" Vertical Displacement	12.7" Travel 0.0" Displacement		Pass		
	Visual Impact Indicator	Visual Deployment	Visually Deployed		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	6.0 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	9.0 lbF		Pass		
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.4 lbF		Pass		
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.8 lbF		Pass		
ANSI Z359.14-2014 4.2.8.3, 4.3.4	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	25.4"		Pass		
	Max Arrest Force	≤ 1800 Lbf	1204.5 lbF		Pass		
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	838.3 lbF		Pass		
	Post Fall Rescue Mode Functional Travel	50% Arrest Distance Vertical Displacement < 4"	12.7" Travel 0.0" Displacement		Pass		
	Visual Impact Indicator	Visual Deployment	Visually Deployed		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	5.8 lbF		Pass		
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.6 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	8.2 lbF		Pass		
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	8.4 lbF		Pass		

FallTech Test Report							
Test Report Number	PC-0865	Date	7/8/2016	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2014 4.3.1, 4.3.3, 4.2.1, 4.3.4, 4.2.8.1, 4.2.8.2, 4.2.8.3, 4.2.5, 4.2.6,				
Base Part #	7281	Description	60' Cable 3-Way Self Retracting Device				
Proposed Part #	N/A	Built By Whom	Production			BOM	No
Test Request #	PC-0865	Date Received	6/7/2016	Date Complete		6/29/2016	
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	5.6 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	7.6 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	8.2 lbF		Pass		
ANSI Z359.14-2014 4.2.6	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.0 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	6.4 lbF		Pass		
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.4 lbF		Pass		
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	8.2 lbF		Pass		
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	9.2 lbF		Pass		

FallTech Test Report						
Test Report Number	PC-0865	Date	7/8/2016	Rev		Rev Date
Report Prepared For	FallTech					
Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2014 4.3.1, 4.3.3, 4.2.1, 4.3.4, 4.2.8.1, 4.2.8.2, 4.2.8.3, 4.2.5, 4.2.6,			
Base Part #	7281	Description	60' Cable 3-Way Self Retracting Device			
Proposed Part #	N/A	Built By Whom	Production	BOM	No	
Test Request #	PC-0865	Date Received	6/7/2016	Date Complete	6/29/2016	
ANSI Z359.14-2014 4.2.6	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	4.4 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	6.2 lbf	Pass		
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	7.6 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	7.2 lbf	Pass		
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3084.0 lbf	Pass		
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3062.9 lbf	Pass		
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3068.7 lbf	Pass		

Conclusion

FallTech P/N 7281 Three Way Self-retracting Device meets the requirements of ANSI Z359.14-2014.

Report Signatories and Approval

Lab Quality Manager	<i>Jay Sporkholz</i>	Date	7/8/2016
Witnessed by	<i>Jim Hansen for Robert Fortner</i>	Date	8/30/16