Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



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

Declaration	on # D04160	20b	De	claration Date	4.4.16
Tested Item #	7227C	20' Dura	Tech® Self-Re	tracting Lifelin	e Galvanized
Additional	Items Conforming Un	der this Declaratio	on:		
	7227B 7	226C 722	6B 7227CS	7227CSS	
Alexan	der Andrew, Inc. d the requirer	ments of the fo	e product(s) liste		=
		ANSI ZS	553.14-2014		
	Conformity Asses	sment Method i	n accordance with	ANSI/ISEA 125-2	014
	Level 1	Leve	el 2 X	Level 3	
Outsid	1: FallTech Lab de the Scope of andard 17025:2005	Within	: FallTech Lab the Scope of ndard 17025:2005	accr	endent 3rd Party Lab redited to ndard 17025:2005
Supporting Documentatio	PC-0825	PC-0967			
	Authorized Signa	ture _			>
Name	Mark Sasaki	Title	Director of Engin	eering [Date 8.30.18

Exova 3883 East Eagle Drive Anaheim California USA 92807 T: +1 (714) 630-3003 F: +1 (714) 630-4443 E: sales@exova.com W: www.exova.com



Testing. Advising. Assuring.

April 7, 2016

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

Attention: Jay Sponholz

Quality Manager

Subject: Attestation of Witnessing Testing

Exova OCM Job # 360527-1
FallTech P.O.: OPEN
Report No.: PC-0825
Base Part No. 7227B

Description: 20' 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:
 - 30 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
				3122281	
				3122263	
				3122280	
				3122271	
				3122274	
				3122282	
1.*				3122279	
				3122278	Pass
		7227B		3122269	
			20' Cable, Self-Retracting Device	3122281	
PC-0825	4/4/2016			3122263	
	HAND AND AND AND AND AND AND AND AND AND			3122280	
				3122270	
				3122265	
				3122266	
				3122277	
				3122272	
				3122276	
				3122267	
				3122268	
				3122264	

Test Witness Signature: (Signed for and on behalf of Exova-OCM)

Robert Fortner
Technician
Mechanical Laboratory

(Signed for and on behalf of Exova-OCM)

Approval Signature:

(Signed for and on behalf of Exova-OCM)

Thomas J. (Tom) Parsons Manager

Quality / Technical Services

tan Staym -



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.



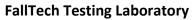
FallTech Testing Laboratory Attestation Number: 360527-1 Revision Letter: Original Page 2 of 2





FallTech Test Report							
Test Report Number	PC-0825	Date	4/4/2016	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Last Spacification		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			2.8.3
Base Part #	7227B	Description	n	20' Cable, DuraTech Self Retracting Device			
Proposed Part #	N/A	Built By W	hom	Production		BOM	No
Test Request #	PC-0825	Date Recei	ved	2/24/2016	Date	e Complete	3/30/2016
Test Operator	Yesbet Sierra	Test Opera	tor	Jay Sponholz	•		

	Material/Sample Identification
Sample ID	Description
3122281	20' Cable, Self-Retracting Device
3122263	20' Cable, Self-Retracting Device
3122280	20' Cable, Self-Retracting Device
3122271	20' Cable, Self-Retracting Device
3122274	20' Cable, Self-Retracting Device
3122282	20' Cable, Self-Retracting Device
3122279	20' Cable, Self-Retracting Device
3122278	20' Cable, Self-Retracting Device
3122269	20' Cable, Self-Retracting Device
3122281	20' Cable, Self-Retracting Device
3122263	20' Cable, Self-Retracting Device
3122280	20' Cable, Self-Retracting Device
3122270	20' Cable, Self-Retracting Device
3122265	20' Cable, Self-Retracting Device
3122266	20' Cable, Self-Retracting Device
3122277	20' Cable, Self-Retracting Device
3122272	20' Cable, Self-Retracting Device
3122276	20' Cable, Self-Retracting Device
3122267	20' Cable, Self-Retracting Device
3122268	20' Cable, Self-Retracting Device
3122264	20' Cable, Self-Retracting Device





FallTech Test Report							
Test Report Number	PC-0825	Date	4/4/2016	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specif	ication	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			2.8.3
Base Part #	7227B	Description	1	20' Cable, DuraTech Self Retracting Device			
Proposed Part #	N/A	Built By Whom		Production		BOM	No
Test Request #	PC-0825	Date Recei	ved	2/24/2016	Date	e Complete	3/30/2016

Test Summary							
Test Specification	Test	Criteria	Test Result	Pass/Fail			
	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	15.0"	Pass			
	Max Arrest Force	<u><</u> 1800 Lbf	1101.7 lbF	Pass			
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	850.2 lbF	Pass			
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	2.2 lbF	Pass			
ANSI Z359.14-2014 4.2.1, 4.2.6	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.4 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	6.8 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	9.8 lbF	Pass			
	Arrest Distance	Class A < 24" Class B < 54"	16.2"	Pass			
	Max Arrest Force	<u><</u> 1800 Lbf	1260.0 lbF	Pass			
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	931.1 lbF	Pass			
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	1.4 lbF	Pass			
ANSI Z359.14-2014 4.2.1, 4.2.6	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	2.8 lbF	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf < 24" Extended	4.8 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	8.0 lbF	Pass			
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	9.2 lbF	Pass			





		FallTech	Test Re	port	
Test Report Number	PC-0825	Date	4/4/2016	Rev	Rev Date
Report Prepared For	FallTech				
Initiated By	Dan Redden	Test Specif	ication	ANSI Z359.14-20 4.2.1, 4.2.3, 4.2.5	114 5, 4.2.6, 4.2.8.1, 4.2.8.2, 4.2.8.3
Base Part #	7227B	Description	1	20' Cable, DuraTe	ech Self Retracting Device
Proposed Part #	N/A	Built By Wh	nom	Production	BOM No
Test Request #	PC-0825	Date Receiv	ved	2/24/2016	Date Complete 3/30/201
	Arrest Distance		A <u><</u> 24" B <u><</u> 54"	16.8'	" Pass
	Max Arrest Force	<u><</u> 18	00 Lbf	1287.5	lbF Pass
	Avg Arrest Force		≤ 1350 Lbf ≤ 900 Lbf	878.3	lbF Pass
	Retraction Tension 0% Extracted		of - 25 Lbf Extended	1.8 lb	Pass Pass
ANSI Z359.14-2014 4.2.1, 4.2.6	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf < 24" Extended		3.8 lb	Pass Pass
4.2.1, 4.2.0	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended		5.4 lb	Pass Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended		6.8 lb	Pass Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf < 24" Extended		8.4 lb	Pass Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended		9.6 lb	Pass 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	e ground Pass
4.2.3	Line Constituent Strength	≥ 10	00 Lbf	1023.0	lbF Pass
ANSI Z359.14-2014 4.2.3	Dynamic Strength	Weight; We	300 Lb Test eight Shall Not ne Ground	Did not strike	e ground Pass
4.2.3	Line Constituent Strength	<u>></u> 10	≥ 1000 Lbf		lbF Pass
ANSI Z359.14-2014 4.2.3	Dynamic Strength	Weight; We	300 Lb Test eight Shall Not ne Ground	Did not strike	e ground Pass
2.3	Line Constituent Strength	≥ 10	00 Lbf	1033.1	lbF Pass







T 18 111 1		FallTech Test Re		
Test Report Number	PC-0825	Date 4/4/2016	Rev	Rev Date
Report Prepared For	FallTech			
nitiated By	Dan Redden	Test Specification	ANSI Z359.14-2014	
miliated By	Dan Redden	rest openineation	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 #	7227B	Description	20' Cable, DuraTech Sel	f Retracting Device
Proposed Part #	N/A	Built By Whom	Production	BOM No
Test Request #	PC-0825	Date Received	2/24/2016	Date Complete 3/30/201
ANSI Z359.14-2014		> 3,000 Lbf		
4.2.5	Static Strength	for ≥ 60 Seconds	3034.4 lbF	Pass
ANSI Z359.14-2014	Static Strength	≥ 3,000 Lbf	3058.4 lbF	Pass
4.2.5	<u> </u>	for ≥ 60 Seconds		
ANSI Z359.14-2014	Static Strength	≥ 3,000 Lbf	3033.3 lbF	Pass
4.2.5	Static Strength	for <u>></u> 60 Seconds	3033.3 161	1 433
	Retraction Tension	1.25 Lbf - 25 Lbf	2.0 lbF	Pass
	0% Extracted	≤ 24" Extended	2.0 IUF	rass
	Retraction Tension	1.25 Lbf - 25 Lbf	3.4 lbF	Pass
	20% Extracted	≤ 24" Extended	3.4 101	1 433
	Retraction Tension	1.25 Lbf - 25 Lbf	5.4 lbF	Pass
ANSI Z359.14-2014	40% Extracted	≤ 24" Extended	3.4 101	1 033
4.2.6	Retraction Tension	1.25 Lbf - 25 Lbf	7.6 lbF	Pass
	60% Extracted	≤ 24" Extended	7.0101	1 433
	Retraction Tension	1.25 Lbf - 25 Lbf	7.4 lbF	Pass
	80% Extracted	≤ 24" Extended	7.4101	1 433
	Retraction Tension	1.25 Lbf - 25 Lbf	9.4 lbF	Pass
	100% Extracted	≤ 24" Extended	3.4 101	1 433
	Retraction Tension	1.25 Lbf - 25 Lbf	1.8 lbF	Pass
	0% Extracted	≤ 24" Extended	1.0 101	1 433
	Retraction Tension	1.25 Lbf - 25 Lbf	3.0 lbF	Pass
	20% Extracted	≤ 24" Extended	3.0 161	1 433
	Retraction Tension	1.25 Lbf - 25 Lbf	4.8 lbF	Pass
ANSI Z359.14-2014	40% Extracted	≤ 24" Extended	4.0 101	1 433
4.2.6	Retraction Tension	1.25 Lbf - 25 Lbf	6.6 lbF	Pass
	60% Extracted	≤ 24" Extended	0.0 101	1 433
	Retraction Tension	1.25 Lbf - 25 Lbf	7.8 lbF	Pass
	80% Extracted	≤ 24" Extended	7.0 101	1 433
	Retraction Tension	1.25 Lbf - 25 Lbf	8.8 lbF	Pass
	100% Extracted	≤ 24" Extended	0.0 101	1 033
	Retraction Tension	1.25 Lbf - 25 Lbf	1.8 lbF	Pass
	0% Extracted	≤ 24" Extended	1.0 101	1 433
	Retraction Tension	1.25 Lbf - 25 Lbf	3.4 lbF	Pass
	20% Extracted	< 24" Extended	5	
	Retraction Tension	1.25 Lbf - 25 Lbf	5.4 lbF	Pass
ANSI Z359.14-2014	40% Extracted	< 24" Extended	3	. 455
4.2.6	Retraction Tension	1.25 Lbf - 25 Lbf	6.8 lbF	Pass
	60% Extracted	≤ 24" Extended	0.0 101	1 433
	Retraction Tension	1.25 Lbf - 25 Lbf	8.2 lbF	Pass
	80% Extracted	< 24" Extended	5.2.5.	. 455
	Retraction Tension	1.25 Lbf - 25 Lbf	9.4 lbF	Pass
	100% Extracted	≤ 24" Extended	321	. 255







Test Report Number	PC-0825	FallTech	4/4/2016	Rev	Rev Date
Report Prepared For	FallTech	Duto	., ., 20.0	11.07	1101 2410
Initiated By	Dan Redden	Test Specifi	cation	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 #	7227B	Description		20' Cable, DuraTech	Self Retracting Device
Proposed Part #	N/A	Built By Wh	om	Production	BOM No
Test Request #	PC-0825	Date Receiv	ed	2/24/2016	Date Complete 3/30/201
	Arrest Distance		A <u><</u> 24" B <u><</u> 54"	14.4"	Pass
	Max Arrest Force	<u><</u> 180	00 Lbf	1157.5 lbF	Pass
	Avg Arrest Force	_	1575 Lbf 1125 Lbf	881.0 lbF	Pass
	Retraction Tension 0% Extracted		f - 25 Lbf xtended	1.8 lbF	Pass
ANSI Z359.14-2014 4.2.8.1	Retraction Tension 20% Extracted		f - 25 Lbf xtended	3.2 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		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		9.2 lbF	Pass
	Arrest Distance		Class A ≤ 24" Class B ≤ 54"		Pass
	Max Arrest Force	<u>≤</u> 180	00 Lbf	1235.4 lbF	Pass
	Avg Arrest Force	_	1575 Lbf 1125 Lbf	832.7 lbF	Pass
	Retraction Tension 0% Extracted		f - 25 Lbf xtended	2.6 lbF	Pass
ANSI Z359.14-2014 4.2.8.1	Retraction Tension 20% Extracted		f - 25 Lbf xtended	3.6 lbF	Pass
7.6.0.1	Retraction Tension 40% Extracted		f - 25 Lbf xtended	6.2 lbF	Pass
	Retraction Tension 60% Extracted		f - 25 Lbf xtended	7.0 lbF	Pass
	Retraction Tension 80% Extracted		f - 25 Lbf xtended	8.2 lbF	Pass
	Retraction Tension 100% Extracted		f - 25 Lbf xtended	9.6 lbF	Pass







		FallTech Test R	eport	
Test Report Number	PC-0825	Date 4/4/2016	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	6, 4.2.8.1, 4.2.8.2, 4.2.8.3
Base Part #	7227B	Description	20' Cable, DuraTech Se	elf Retracting Device
Proposed Part #	N/A	Built By Whom	Production	BOM No
Test Request #	PC-0825	Date Received	2/24/2016	Date Complete 3/30/2016
·	Arrest Distance	Class A <u><</u> 24" Class B <u><</u> 54"	13.8"	Pass
	Max Arrest Force	≤ 1800 Lbf	1717.1 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	1007.1 lbF	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf <u><</u> 24" Extended	2.2 lbF	Pass
ANSI Z359.14-2014 4.2.8.1	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf < 24" Extended	3.4 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	7.2 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf < 24" Extended	8.4 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf < 24" Extended	9.6 lbF	Pass
	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	1 16.6"	
	Max Arrest Force	≤ 1800 Lbf	1758.9 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	915.4 lbF	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf < 24" Extended	2.2 lbF	Pass
ANSI Z359.14-2014 4.2.8.2	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.6 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	7.4 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	9.4 lbF	Pass







Took Domont Number	DO 0005	FallTech Test R		Day Data
Test Report Number Report Prepared For	PC-0825 FallTech	Date 4/4/2016	Rev	Rev Date
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 #	7227B	Description	20' Cable, DuraTech S	Self Retracting Device
Proposed Part #	N/A	Built By Whom	Production	BOM No
Test Request #	PC-0825	Date Received	2/24/2016	Date Complete 3/30/2016
	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	14.6"	Pass
	Max Arrest Force	<u><</u> 1800 Lbf	1454.0 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	823.0 lbF	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	2.2 lbF	Pass
ANSI Z359.14-2014 4.2.8.2	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.4 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	7.2 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	9.2 lbF	Pass
	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	14.4"	Pass
	Max Arrest Force	<u><</u> 1800 Lbf	1568.1 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	871.0 lbF	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf < 24" Extended	2.0 lbF	Pass
ANSI Z359.14-2014 4.2.8.2	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	2.6 lbF	Pass
7.2.0.2	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	8.2 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf < 24" Extended	9.4 lbF	Pass







		FallTech Test R	leport	
Test Report Number	PC-0825	Date 4/4/2016		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	5, 4.2.8.1, 4.2.8.2, 4.2.8.3
Base Part #	7227B	Description	20' Cable, DuraTech Se	elf Retracting Device
Proposed Part #	N/A	Built By Whom	Production	BOM No
Test Request #	PC-0825	Date Received	2/24/2016	Date Complete 3/30/2016
	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	14.0"	Pass
	Max Arrest Force	≤ 1800 Lbf	1396.7 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	886.3 lbF	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	2.0 lbF	Pass
ANSI Z359.14-2014 4.2.8.3	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	2.8 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf < 24" Extended	5.2 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	7.8 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf < 24" Extended	9.2 lbF	Pass
	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	16.6"	Pass
	Max Arrest Force	≤ 1800 Lbf	1241.4 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	810.4 lbF	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf <u><</u> 24" Extended	1.8 lbF	Pass
ANSI Z359.14-2014 4.2.8.3	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf <u><</u> 24" Extended	2.8 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.2 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	8.8 lbF	Pass







Test Report Number	PC-0825	Date	4/4/2016	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification		ANSI Z359.14-2 4.2.1, 4.2.3, 4.2		1, 4.2.8.2, 4.2	.8.3
Base Part #	7227B	Descriptio	n	20' Cable, Dura	Tech Self Retra	cting Device	
Proposed Part #	N/A	Built By W	/hom	Production		вом	No
Test Request #	PC-0825	Date Rece	ived	2/24/2016	Date	e Complete	3/30/2016
	Arrest Distance	Class A ≤ 24" Class B ≤ 54"		13.0"		Pass	
	Max Arrest Force	≤ 1800 Lbf		1119.9 lbF		Pass	
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf		855.7 lbF		Pass	
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended		1.8 lbF		Pass	
ANSI Z359.14-2014 4.2.8.3	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended		2.8 lbF		Pass	
416.013	Retraction Tension 40% Extracted		bf - 25 Lbf Extended	5.6 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		7.6 lbF		Pass	
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf < 24" Extended		9.8 lbF		Pass	

	Conclusion FallTech P/N 7227B Self-retracting Device meets the requireme	nts of ANSI Z359.14-2014.	
	Report Signatories and Approv	/al	
Lab Quality Manager	gay Sponholz	Date	4/4/2016
Witnessed by	Robert Fartu	Date	4/13/2016







FallTech Test Report								
Test Report Number	PC-0967	Date	11/18/2016	Rev	Rev Date			
Report Prepared For	r FallTech							
Initiated By	Dan Redden	Test Specification		ANSI Z359.14-2014; 4.2.1, 4.2.6				
Base Part #	7227C	Description	1	20' Self Retracting Device				
Proposed Part #	N/A	Built By W	hom	Production	BOM No			
Test Request #	PC-0967	Date Received		10/5/2016	Date Complete 11/4/2016			
Test Operator	Yesbet Sierra	Test Opera	tor	Jay Sponholz	•			

Material/Sample Identification						
Sample ID	Description					
FT18022	20' Self-Retracting Device					
FT17287	20' Self-Retracting Device					
FT15313	20' Self-Retracting Device					

Test Summary									
Test Specification	Test C	riteria	Test Result	Pass/Fail					
	Arrest Distance	Class A <u><</u> 24" Class B <u><</u> 54"	11.7"	Pass					
	Max Arrest Force	<u>≤</u> 1800 Lbf	1102.5 lbF	Pass					
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	910.2 lbF	Pass					
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	2.4 lbF	Pass					
ANSI Z359.14-2014 4.2.1, 4.2.6	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf < 24" Extended	4.2 lbF	Pass					
4.2.1, 4.2.0	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	7.6 lbF	Pass					
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	9.2 lbF	Pass					
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	9.4 lbF	Pass					
	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	15.7"	Pass					
	Max Arrest Force	<u><</u> 1800 Lbf	1448.8 lbF	Pass					
	Avg Arrest Force	Class A <u><</u> 1350 Lbf Class B <u><</u> 900 Lbf	967.1 lbF	Pass					
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.2 lbF	Pass					
ANSI Z359.14-2014 4.2.1, 4.2.6	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	4.2 lbF	Pass					
112.1, 112.0	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	8.0 lbF	Pass					
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf < 24" Extended	8.4 lbF	Pass					
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf < 24" Extended	11.4 lbF	Pass					





Test Report Number	PC-0967	Date	1 Test Re	Rev		Rev Date		
Report Prepared For	FallTech	Date	11/16/2016	Rev		Rev Date		
Initiated By	Dan Redden	Test Speci	fication	ANSI Z359.14-20	14. 4.2.1. 4.2.	6		
Base Part #	7227C	Descriptio		20' Self Retraction				
Proposed Part #	N/A	Built By W		Production	9	BOM	No	
Test Request #	PC-0967	Date Recei		10/5/2016	Date	e Complete	11/4/2016	
		Tes	t Summary		•	·		
Test Specification	Tes	st Criteria		Test Ro	esult	Pas	s/Fail	
	Arrest Distance		5 A <u><</u> 24" 5 B <u><</u> 54"	15.2	п	P	ass	
	Max Arrest Force	≤ 18	≤ 1800 Lbf		1169.6 lbF		Pass	
	Avg Arrest Force		Class A ≤ 1350 Lbf Class B ≤ 900 Lbf		990.4 lbF		Pass	
	Retraction Tension 0% Extracted	_	1.25 Lbf - 25 Lbf ≤ 24" Extended		4.2 lbF		Pass	
ANSI Z359.14-2014 4.2.1, 4.2.6	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		5.6 lbF		Pass	
	Retraction Tension 60% Extracted	_	bf - 25 Lbf Extended	7.6 lbF		Pass		
	Retraction Tension 80% Extracted		bf - 25 Lbf Extended	9.2 lbF		Pass		
	Retraction Tension 100% Extracted		bf - 25 Lbf Extended	10.8 lbF		Pass		
		Co	onclusion					
Fall	Tech P/N 7227C 20' Self-reti	racting Device me	ets the requiren	nents of ANSI Z359.	14-2014. (4.2.1,	4.2.6)		
		Report Signa	tories and A	pproval				
Lab Quality Manager	Jan	Report Signa	<i>2</i> 3		Date	11/18	3/2016	

Not Required

Witnessed by

N/A

Date





FallTech Test Report								
Test Report Number	PC-0989	Date	12/19/2016	Rev		Rev Date		
Report Prepared For	FallTech							
Initiated By	Warren Faber	Test Specif	fication	ANSI Z359.14-2014; 4.2.1, 4.2.6				
Base Part #	7226C	Description	n	15' Aluminum DuraTech SRD				
Proposed Part #	7226C	Built By W	hom	Production		BOM	No	
Test Request #	PC-0989	Date Received		11/28/2016	Date	e Complete	12/14/2016	
Test Operator	Yesbet Sierra	Test Opera	tor	Jay Sponholz				

Material/Sample Identification						
Sample ID	Description					
FT17805	15' Aluminum DuraTech SRD					
FT17846	15' Aluminum DuraTech SRD					
FT17896	15' Aluminum DuraTech SRD					

Test Summary										
Test Specification	Test C	riteria	Test Result	Pass/Fail						
	Arrest Distance	Class A <u><</u> 24" Class B <u><</u> 54"	15.2"	Pass						
	Max Arrest Force	≤ 1800 Lbf	1593.7 lbF	Pass						
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	1091.2 lbF	Pass						
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.9 lbF	Pass						
ANSI Z359.14-2014 4.2.1, 4.2.6	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf < 24" Extended	3.6 lbF	Pass						
4.2.1, 4.2.0	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	6.8 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	9.0 lbF	Pass						
	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	10.8"	Pass						
	Max Arrest Force	<u><</u> 1800 Lbf	1759.2 lbF	Pass						
	Avg Arrest Force	Class A <u><</u> 1350 Lbf Class B <u><</u> 900 Lbf	1274.7 lbF	Pass						
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	2.8 lbF	Pass						
ANSI Z359.14-2014 4.2.1, 4.2.6	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.0 lbF	Pass						
7.2.1, 4.2.0	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	7.4 lbF	Pass						
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf < 24" Extended	8.4 lbF	Pass						
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf < 24" Extended	9.2 lbF	Pass						





		FallTech	ı Test Re	port				
Test Report Number	PC-0989	Date	12/19/2016	Rev		Rev Date		
Report Prepared For	FallTech							
Initiated By	Warren Faber	Test Speci	fication	ANSI Z359.14-20	14; 4.2.1, 4.2.	6		
Base Part #	7226C	Description	n	15' Aluminum Du	raTech SRD			
Proposed Part #	7226C	Built By W	hom	Production		BOM	No	
Test Request #	PC-0989	Date Recei	ved	11/28/2016	Date	e Complete	12/14/2016	
		Tes	t Summary					
Test Specification	Test	Criteria		Test Re	sult	Pas	s/Fail	
	Arrest Distance		5 A <u><</u> 24" 5 B <u><</u> 54"	12.8	П	Р	ass	
	Max Arrest Force	<u>≤</u> 18	≤ 1800 Lbf		1660.9 lbF		Pass	
	Avg Arrest Force		Class A ≤ 1350 Lbf Class B ≤ 900 Lbf		1179.3 lbF		Pass	
	Retraction Tension 0% Extracted		1.25 Lbf - 25 Lbf ≤ 24" Extended		2.8 lbF		Pass	
ANSI Z359.14-2014 4.2.1, 4.2.6	Retraction Tension 20% Extracted	_	bf - 25 Lbf Extended	4.8 lbF		Pass		
	Retraction Tension 40% Extracted	_	bf - 25 Lbf Extended	6.2 lbF		Р	ass	
	Retraction Tension 60% Extracted		bf - 25 Lbf Extended	8.0 lbF		Pass		
	Retraction Tension 80% Extracted		bf - 25 Lbf Extended	8.8 lbF		Pass		
	Retraction Tension 100% Extracted		bf - 25 Lbf Extended	9.4 lb	F	Р	ass	
		Co	onclusion					
FallTe	ech P/N 7226C 15' Aluminum	DuraTech SRD n	neets the require	ements of ANSI Z359	.14-2014. (4.2.	1, 4.2.6)		
	F	Report Signa	tories and A	pproval				
Lab Quality Manager	gay.	Sportol	<i>9</i> 3		Date	12/1	9/2016	

Not Required

Witnessed by

N/A

Date





FallTech Test Report								
Test Report Number	PC-0989	Date	12/19/2016	Rev		Rev Date		
Report Prepared For FallTech								
Initiated By	Warren Faber	Test Speci	fication	ANSI Z359.14-2014; 4.2.1, 4.2.6				
Base Part #	7226C	Description	า	15' Aluminum DuraTech SRD				
Proposed Part #	7226C	Built By W	hom	Production		BOM	No	
Test Request #	PC-0989	Date Recei	ved	11/28/2016	Date	e 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		Not Applicable			
Test Environment	70.0°F / 59.6% RH						
Test By	Yesbet Sierra, Jay Sponholz		Test Da	ate	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				
FT17805	Arrest Distance	Class A <u><</u> 24" Class B <u><</u> 54"	15.2"	Pass				
	Max Arrest Force	≤ 1800 Lbf	1593.7 lbF	Pass				
	Avg Arrest Force	Class A <u><</u> 1350 Lbf Class B <u><</u> 900 Lbf	1091.2 lbF	Pass				
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.9 lbF	Pass				
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	3.6 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	6.8 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	9.0 lbF	Pass				



FallTech Test Report								
Test Report Number	PC-0989	Date	12/19/2016	Rev	F	Rev Date		
Report Prepared For	FallTech							
Initiated By	Warren Faber	Test Specification		ANSI Z359.14-2014; 4.2.1, 4.2.6				
Base Part #	7226C	Description		15' Aluminum DuraTech SRD				
Proposed Part #	7226C	Built By Whom		Production		BOM No		
Test Request #	PC-0989	Date Received		11/28/2016 Date		complete 12/14/2016		
FT17846	Arrest Distance		Class A ≤ 24" Class B ≤ 54"		1	Pass		
	Max Arrest Force	≤ 1800 Lbf		1759.2 lbF		Pass		
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf		1274.7 lbF		Pass		
	Retraction Tension 0% Extracted	_	1.25 Lbf - 25 Lbf ≤ 24" Extended		F	Pass		
	Retraction Tension 20% Extracted	_	1.25 Lbf - 25 Lbf ≤ 24" Extended 5.0 lbF		F	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		7.4 lbF		Pass		
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf < 24" Extended		8.4 lbF		Pass		
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended		9.2 lbF		Pass		
FT17896	Arrest Distance		Class A <u><</u> 24" Class B <u><</u> 54"		1	Pass		
	Max Arrest Force	≤ 1800 Lbf		1660.9 lbF		Pass		
	Avg Arrest Force		s A ≤ 1350 Lbf ss B ≤ 900 Lbf		lbF	Pass		
	Retraction Tension 0% Extracted		1.25 Lbf - 25 Lbf ≤ 24" Extended 2.8 lbF		F	Pass		
	Retraction Tension 20% Extracted		1.25 Lbf - 25 Lbf ≤ 24" Extended		F	Pass		
	Retraction Tension 40% Extracted		1.25 Lbf - 25 Lbf ≤ 24" Extended		F	Pass		
	Retraction Tension 60% Extracted		1.25 Lbf - 25 Lbf < 24" Extended		F	Pass		
	Retraction Tension 80% Extracted		1.25 Lbf - 25 Lbf ≤ 24" Extended		F	Pass		
	Retraction Tension 100% Extracted	_	.bf - 25 Lbf Extended	9.4 lbF		Pass		

End of Report

