

# Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



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

Declaration #

D0415016a

Declaration Date

4.20.15

Tested Item #

727630LE

30' Leading Edge Contractor Cable SRD

Additional Items Conforming Under this Declaration:

727620LE

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-0582

210125-ASLa1

210125-ASLc1

210125-ASLh1

210125-ASLw1

210125-ASLa2

210125-ASLc2

210125-ASLh2

210125-ASLw2

210125-ASLa3

210125-ASLc3

210125-ASLh3

210125-ASLw3

PC-0993

Authorized Signature

Name

Dustin Hawkins

Title

VP Business Development

Date

12.4.16



**Testing. Advising. Assuring.**

April 22, 2015

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

Attention: Peter Mahbubani  
Quality Engineer Supervisor

Subject: **Attestation of Witnessing Testing**  
**Exova OCM Job # 350485**  
**FallTech P.O.: 13825**  
**Report No.: PC-0582**  
**Base Part No. 727630LE**  
**Description: 30' Leading Edge, Cable, Self-Retracting Device**  
**Attached to Test Weight**

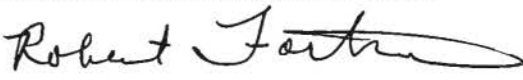
Dear Mr. Mahbubani:


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:
  - April 16, 2015
- Exova OCM Test Witness:
  - Robert Fortner
- FallTech Test Operators:
  - Peter Mahbubani
  - Yesbet Sierra
- Specification:
  - ANSI Z359.14-2012 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

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-0582	4/20/2015	727630LE	30' Leading Edge, Cable, Self-Retracting Device	318149 318234 318240 318215 318224 318249 318145 318170 318247 318225 318246 318248 318144 318241 318244 318166 318167 318167 318243	Pass

<b>Test Witness Signature:</b> <b>Robert Fortner</b> Technician Mechanical Laboratory	(Signed for and on behalf of Exova-OCM) 
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<b>Approval Signature:</b> <b>Bruce K. Sauer</b> Technical Director	(Signed for and on behalf of Exova-OCM) 	
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<b>Approval Signature:</b> <b>Thomas J. (Tom) Parsons</b> Manager Quality / Technical Services	(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 Test Report							
Test Report Number	PC-0582	Date	4/20/2015	Rev	2	Rev Date	11/10/2015
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2012 4.2.1, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Base Part #	727630LE	Description	30' Leading Edge, Cable, Self-Retracting Device				
Proposed Part #	N/A	Built By Whom	Production			BOM	No
Test Request #	PC-0582	Date Received	4/15/2015	Date Complete		4/16/2015	
Test Operator	Peter Mahbubani	Test Operator	Yesbet Sierra				

Material/Sample Identification	
Sample ID	Description
318149	30' Leading Edge, Cable, Self-Retracting Device
318234	30' Leading Edge, Cable, Self-Retracting Device
318240	30' Leading Edge, Cable, Self-Retracting Device
318215	30' Leading Edge, Cable, Self-Retracting Device
318224	30' Leading Edge, Cable, Self-Retracting Device
318249	30' Leading Edge, Cable, Self-Retracting Device
318145	30' Leading Edge, Cable, Self-Retracting Device
318170	30' Leading Edge, Cable, Self-Retracting Device
318247	30' Leading Edge, Cable, Self-Retracting Device
318225	30' Leading Edge, Cable, Self-Retracting Device
318246	30' Leading Edge, Cable, Self-Retracting Device
318248	30' Leading Edge, Cable, Self-Retracting Device
318144	30' Leading Edge, Cable, Self-Retracting Device
318241	30' Leading Edge, Cable, Self-Retracting Device
318244	30' Leading Edge, Cable, Self-Retracting Device
318166	30' Leading Edge, Cable, Self-Retracting Device
318167	30' Leading Edge, Cable, Self-Retracting Device
318243	30' Leading Edge, Cable, Self-Retracting Device
2861306	30' Leading Edge, Cable, Self-Retracting Device
2861138	30' Leading Edge, Cable, Self-Retracting Device
2861286	30' Leading Edge, Cable, Self-Retracting Device

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to the joint ISO-ILAC-IAF Communiqué dated January 2009).



FallTech Test Report							
Test Report Number	PC-0582	Date	4/20/2015	Rev	2	Rev Date	11/10/2015
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2012 4.2.1, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Base Part #	727630LE	Description	30' Leading Edge, Cable, Self-Retracting Device				
Proposed Part #	N/A	Built By Whom	Production			BOM	No
Test Request #	PC-0582	Date Received	4/15/2015	Date Complete		4/16/2015	

Test Summary				
Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2012 4.2.1	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	15"	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1173.4 lbf	Pass
	Avg Arrest Force	Class A $\leq 1350$ Lbf Class B $\leq 900$ Lbf	737.8 lbf	Pass
	Retraction Tension	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	5.6 lbf	Pass
ANSI Z359.14-2012 4.2.1	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	19.75"	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1266.5 lbf	Pass
	Avg Arrest Force	Class A $\leq 1350$ Lbf Class B $\leq 900$ Lbf	773.1 lbf	Pass
	Retraction Tension	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	6.2 lbf	Pass
ANSI Z359.14-2012 4.2.1	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	15.3"	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1094.3 lbf	Pass
	Avg Arrest Force	Class A $\leq 1350$ Lbf Class B $\leq 900$ Lbf	734.0 lbf	Pass
	Retraction Tension	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	5.8 lbf	Pass
ANSI Z359.14-2012 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	1011 lbf	Pass
ANSI Z359.14-2012 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	1008.7 lbf	Pass
ANSI Z359.14-2012 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	1011.7 lbf	Pass

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FallTech Test Report							
Test Report Number	PC-0582	Date	4/20/2015	Rev	2	Rev Date	11/10/2015
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2012 4.2.1, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Base Part #	727630LE	Description	30' Leading Edge, Cable, Self-Retracting Device				
Proposed Part #	N/A	Built By Whom	Production			BOM	No
Test Request #	PC-0582	Date Received	4/15/2015	Date Complete		4/16/2015	

ANSI Z359.14-2012 4.2.5	Static Strength	$\geq 3,000$ Lbf for $\geq 60$ Seconds	3026.8 lbF	Pass
ANSI Z359.14-2012 4.2.5	Static Strength	$\geq 3,000$ Lbf for $\geq 60$ Seconds	3031.3 lbF	Pass
ANSI Z359.14-2012 4.2.5	Static Strength	$\geq 3,000$ Lbf for $\geq 60$ Seconds	3034.7 lbF	Pass
ANSI Z359.14-2012 4.2.6	Retraction Tension	1.25 Lbf - 25 Lbf $\leq 24$ " Extended	6.4 lbF	Pass
ANSI Z359.14-2012 4.2.6	Retraction Tension	1.25 Lbf - 25 Lbf $\leq 24$ " Extended	6.2 lbF	Pass
ANSI Z359.14-2012 4.2.6	Retraction Tension	1.25 Lbf - 25 Lbf $\leq 24$ " Extended	6.6 lbF	Pass
ANSI Z359.14-2012 4.2.7	Horizontal Orientation Retraction Tension SRD-LE	Shall Retract Without Stopping	Retracted Without Stopping	Pass
ANSI Z359.14-2012 4.2.7	Horizontal Orientation Retraction Tension SRD-LE	Shall Retract Without Stopping	Retracted Without Stopping	Pass
ANSI Z359.14-2012 4.2.7	Horizontal Orientation Retraction Tension SRD-LE	Shall Retract Without Stopping	Retracted Without Stopping	Pass
ANSI Z359.14-2012 4.2.8.1	Arrest Distance	Class A $\leq 24$ " Class B $\leq 54$ "	27.5"	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1247.1 lbF	Pass
	Avg Arrest Force	Class A $\leq 1575$ Lbf Class B $\leq 1125$ Lbf	843.3 lbF	Pass
	Retraction Tension	1.25 Lbf - 25 Lbf $\leq 24$ " Extended	6.2 lbF	Pass
ANSI Z359.14-2012 4.2.8.1	Arrest Distance	Class A $\leq 24$ " Class B $\leq 54$ "	29.8"	Pass
	Max Arrest Force	$\leq 1800$ Lbf	934.9 lbF	Pass
	Avg Arrest Force	Class A $\leq 1575$ Lbf Class B $\leq 1125$ Lbf	763.0 lbF	Pass
	Retraction Tension	1.25 Lbf - 25 Lbf $\leq 24$ " Extended	6.4 lbF	Pass
ANSI Z359.14-2012 4.2.8.1	Arrest Distance	Class A $\leq 24$ " Class B $\leq 54$ "	31.0"	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1073.5 lbF	Pass
	Avg Arrest Force	Class A $\leq 1575$ Lbf Class B $\leq 1125$ Lbf	790.5 lbF	Pass
	Retraction Tension	1.25 Lbf - 25 Lbf $\leq 24$ " Extended	6.4 lbF	Pass

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FallTech Test Report							
Test Report Number	PC-0582	Date	4/20/2015	Rev	2	Rev Date	11/10/2015
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2012 4.2.1, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Base Part #	727630LE	Description	30' Leading Edge, Cable, Self-Retracting Device				
Proposed Part #	N/A	Built By Whom	Production		BOM	No	
Test Request #	PC-0582	Date Received	4/15/2015	Date Complete		4/16/2015	

ANSI Z359.14-2012 4.2.8.2	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	29.3"	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1160.4 lbf	Pass
	Avg Arrest Force	Class A $\leq 1575$ Lbf Class B $\leq 1125$ Lbf	801.7 lbf	Pass
	Retraction Tension	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	6.2 lbf	Pass
ANSI Z359.14-2012 4.2.8.2	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	28.3"	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1164.2 lbf	Pass
	Avg Arrest Force	Class A $\leq 1575$ Lbf Class B $\leq 1125$ Lbf	777.4 lbf	Pass
	Retraction Tension	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	4 lbf	Pass
ANSI Z359.14-2012 4.2.8.2	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	24.3"	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1560.3 lbf	Pass
	Avg Arrest Force	Class A $\leq 1575$ Lbf Class B $\leq 1125$ Lbf	813.7 lbf	Pass
	Retraction Tension	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	5.6 lbf	Pass
ANSI Z359.14-2012 4.2.8.3	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	32.5"	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1135.9 lbf	Pass
	Avg Arrest Force	Class A $\leq 1575$ Lbf Class B $\leq 1125$ Lbf	705.4 lbf	Pass
	Retraction Tension	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	5.0 lbf	Pass
ANSI Z359.14-2012 4.2.8.3	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	27.5"	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1008.7 lbf	Pass
	Avg Arrest Force	Class A $\leq 1575$ Lbf Class B $\leq 1125$ Lbf	730.8 lbf	Pass
	Retraction Tension	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	6.4 lbf	Pass

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FallTech Test Report							
Test Report Number	PC-0582	Date	4/20/2015	Rev	2	Rev Date	11/10/2015
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.14-2012 4.2.1, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Base Part #	727630LE	Description	30' Leading Edge, Cable, Self-Retracting Device				
Proposed Part #	N/A	Built By Whom	Production			BOM	No
Test Request #	PC-0582	Date Received	4/15/2015	Date Complete		4/16/2015	

ANSI Z359.14-2012 4.2.8.3	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	27.3"	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1040.4 lbf	Pass
	Avg Arrest Force	Class A $\leq 1575$ Lbf Class B $\leq 1125$ Lbf	741.8 lbf	Pass
	Retraction Tension	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	5.6 lbf	Pass

Conclusion	
FallTech P/N 727630LE Self-retracting Device meets the requirements of ANSI Z359.14-2012.	

Report Signatories and Approval			
Lab Quality Manager	<i>Jay Spinkholz</i>	Date	12/8/2015
Witnessed by	<i>Robert Fortum</i>	Date	12/9/2015

This laboratory is accredited in accordance with the recognised International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to the joint ISO-ILAC-IAF Communiqué dated January 2009).



FallTech Test Report							
Test Report Number	PC-0993	Date	11/30/2016	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 #	727620LE	Description		20' Contractor SRL-LE			
Proposed Part #	727620LE	Built By Whom		Development		BOM	No
Test Request #	PC-0993	Date Received		11/28/2016	Date Complete		11/29/2016
Test Operator	Yesbet Sierra	Test Operator		Jay Sponholz			


Material/Sample Identification	
Sample ID	Description
500019	20' Contractor SRL-LE
500020	20' Contractor SRL-LE
500021	20' Contractor SRL-LE

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"	19.1"	Pass
	Max Arrest Force	≤ 1800 Lbf	718.7 lbf	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	576.0 lbf	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	9.2 lbf	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	9.6 lbf	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	12.8 lbf	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	12.8 lbf	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	13.4 lbf	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	14.0 lbf	Pass
ANSI Z359.14-2014 4.2.1, 4.2.6	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	21.5"	Pass
	Max Arrest Force	≤ 1800 Lbf	897.6 lbf	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	593.6 lbf	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	8.8 lbf	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	9.4 lbf	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	11.4 lbf	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	11.2 lbf	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	11.4 lbf	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 24" Extended	12.4 lbf	Pass

FallTech Test Report							
Test Report Number	PC-0993	Date	11/30/2016	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 #	727620LE	Description	20' Contractor SRL-LE				
Proposed Part #	727620LE	Built By Whom	Development	BOM	No		
Test Request #	PC-0993	Date Received	11/28/2016	Date Complete	11/29/2016		

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 $\leq 54"$	22.2"	Pass
	Max Arrest Force	$\leq 1800$ Lbf	897.2 lbf	Pass
	Avg Arrest Force	Class A $\leq 1350$ Lbf Class B $\leq 900$ Lbf	612.0 lbf	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	9.2 lbf	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	10.0 lbf	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	11.2 lbf	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	11.8 lbf	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	13.4 lbf	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	14.0 lbf	Pass

Conclusion	
FallTech P/N 727620LE 20' Contractor SRL-LE meets the requirements of ANSI Z359.14-2014. (4.2.1, 4.2.6)	

Report Signatories and Approval			
Lab Quality Manager		Date	11/30/2016
Witnessed by	Not Required	Date	N/A

FallTech Test Report							
Test Report Number	PC-0993	Date	11/30/2016	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 #	727620LE	Description	20' Contractor SRL-LE				
Proposed Part #	727620LE	Built By Whom	Development			BOM	No
Test Request #	PC-0993	Date Received	11/28/2016	Date Complete	11/29/2016		
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	66.0°F / 44.0% RH						
Test By	Yesbet Sierra, Jay Sponholz			Test Date	11/29/2016		
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			
500019	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	19.1"	Pass			
	Max Arrest Force	$\leq 1800$ Lbf	718.7 lbf	Pass			
	Avg Arrest Force	Class A $\leq 1350$ Lbf Class B $\leq 900$ Lbf	576.0 lbf	Pass			
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	9.2 lbf	Pass			
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	9.6 lbf	Pass			
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	12.8 lbf	Pass			
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	12.8 lbf	Pass			
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	13.4 lbf	Pass			
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	14.0 lbf	Pass			

FallTech Test Report							
Test Report Number	PC-0993	Date	11/30/2016	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 #	727620LE	Description	20' Contractor SRL-LE				
Proposed Part #	727620LE	Built By Whom	Development			BOM	No
Test Request #	PC-0993	Date Received	11/28/2016	Date Complete		11/29/2016	
500020	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	21.5"		Pass		
	Max Arrest Force	$\leq 1800$ Lbf	897.6 lbF		Pass		
	Avg Arrest Force	Class A $\leq 1350$ Lbf Class B $\leq 900$ Lbf	593.6 lbF		Pass		
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	8.8 lbF		Pass		
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	9.4 lbF		Pass		
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	11.4 lbF		Pass		
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	11.2 lbF		Pass		
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	11.4 lbF		Pass		
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	12.4 lbF		Pass		
500021	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	22.2"		Pass		
	Max Arrest Force	$\leq 1800$ Lbf	897.2 lbF		Pass		
	Avg Arrest Force	Class A $\leq 1350$ Lbf Class B $\leq 900$ Lbf	612.0 lbF		Pass		
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	9.2 lbF		Pass		
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	10.0 lbF		Pass		
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	11.2 lbF		Pass		
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	11.8 lbF		Pass		
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	13.4 lbF		Pass		
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 24"$ Extended	14.0 lbF		Pass		

**End of Report**



Gravitec Systems Inc.  
21291 Urdahl Road NW  
Poulsbo, WA 98370

## Testing Report Summary

Gravitec Systems, Inc. performed testing to on the following product for FallTech in February, 2015.

**Model/Part Number:** 30' Contractor SRL-LE

**Lot/ Batch:** November 2014

**Description:** This self-retracting device is a SRL-LE with a wire rope line element designed for the Class A specifications and leading-edge capabilities.

<b>Serial Numbers:</b>	318148	318199	318204	318211	318217	318229
	318186	318201	318205	318214	318218	318230
	318187	318202	318208	318215	318219	318231
	318196	318203	318210	318216	318228	318237

**Standard:** ANSI Z359.14-2014, Safety Requirements for Self-Retracting Devices for Personal Fall Arrest and Rescue Systems

**Test Procedure:** 4.2.2 Dynamic Performance of SRL-LE: Edge Test

This procedure was performed for the environmental conditioning of Ambient Dry, Heat, Cold, and Wet as defined in 4.2.8.

**Acceptance Criteria:** 3.1.9 Dynamic Performance , when tested in accordance to 4.2.2 for SRL-LE Class A devices

<b>Referenced Test Reports:</b>	210125-ASLa1	210125-ASLc1	210125-ASLh1	210125-ASLw1
	210125-ASLa2	210125-ASLc2	210125-ASLh2	210125-ASLw2
	210125-ASLa3	210125-ASLc3	210125-ASLh3	210125-ASLw3

**Summary of Results:** The results of the testing meets or exceeds the acceptance criteria. The testing for this procedure meets requirements for Qualification Testing as defined in ANSI Z359.7-2011. Qualification testing is testing conducted on new or revised products consisting of a minimum of 3 test samples per test procedure. This is in contrast to Verification Testing, which consists of a minimum of 1 sample and is intended to ensure continued product compliance of an existing product that has gone through Qualification Testing in the past.

**Important Notes:**

- 1) This is a summary of tests and is not intended to replace the individual test reports provided for each of the procedures performed.
- 2) Refer to test reports referenced above for testing details and for actual test results.
- 3) The results stated on test reports only apply to the exact item or product tested.
- 4) This Edge Test is one test procedure of a suite of procedures required for SRL-LE.

Proper labeling of a product as compliant with the ANSI/ASSE Z359 standard is the responsibility of the manufacturer. Per ANSI/ASSE Z359.7, a product may be labeled as being compliant with the ANSI/ASSI Z359 standard only when the product meets or exceeds all applicable requirements and specifications of the standard.

The manufacturer is responsible for identifying the testing to be performed and for determining the appropriateness of the testing regiment for their needs. This includes the quantity of samples tested, the selection of representative samples from the client's product, and the scope of the project in general.

Gravitec's Testing Laboratory meets the requirements of international standard ISO/IEC 17025:2005 with accreditation through ANSI-ASQ National Accreditation Board/ACLASS. The types of tests to which this accreditation applies is contained in the Scope of Accreditation.

**Laboratory Signature:** Larry Cimino, PE

**Signature:**

**Date:** 07/30/2015

This laboratory is accredited to ISO 17025 by ACLASS ANSI-ASQ National Accreditation Board for tests conducted under its scope of accreditation.

Testing to the sections referenced in this report summary does not infer compliance to the standard in its entirety.