Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014

FALLTECH®
Fall Protection. Precision Engineered.

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

Declaration #	D0615015	**Declaration Date**	6.1.15

Tested Item #	**727645LE**	**45' Leading Edge Contractor Cable SRD**

Additional Items Conforming Under this Declaration:

727650LE

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-0638**	**210125-ASLa1-04-01** **210125-ASLa2-05-02** **210125-ASLa3-06-03**	**210125-ASLc1-07-16** **210125-ASLc2-08-17** **210125-ASLc3-09-18**	**210125-ASLh1-13-22** **210125-ASLh2-14-23** **210125-ASLh3-15-24**	**210125-ASLw1-10-19** **210125-ASLw2-11-20** **210125-ASLw3-12-21**

Authorized Signature _____

Name Dustin Hawkins **Title** VP Business Development **Date** 12.16.15

FallTech Testing Laboratory
1306 S. Alameda Street,
Compton, CA 90221-4803
Tel: (323) 752-0060
www.falltech.com

FallTech Test Report

Test Report Number	PC-0638	**Date**	6/1/2015	**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 #	727645LE	**Description**		45' Leading Edge, Cable, Self-Retracting Device			
Proposed Part #	N/A	**Built By Whom**		Production		**BOM**	No
Test Request #	PC-0638	**Date Received**		5/7/2015	**Date Complete**		5/28/2015
Test Operator	Yesbet Sierra	**Test Operator**		Dan Redden			

Material/Sample Identification

Sample ID	Description
411938	45' Leading Edge, Cable, Self-Retracting Device
411912	45' Leading Edge, Cable, Self-Retracting Device
411922	45' Leading Edge, Cable, Self-Retracting Device
411906	45' Leading Edge, Cable, Self-Retracting Device
411927	45' Leading Edge, Cable, Self-Retracting Device
411909	45' Leading Edge, Cable, Self-Retracting Device
411905	45' Leading Edge, Cable, Self-Retracting Device
411907	45' Leading Edge, Cable, Self-Retracting Device
411914	45' Leading Edge, Cable, Self-Retracting Device
411916	45' Leading Edge, Cable, Self-Retracting Device
411939	45' Leading Edge, Cable, Self-Retracting Device
411926	45' Leading Edge, Cable, Self-Retracting Device
411930	45' Leading Edge, Cable, Self-Retracting Device
411913	45' Leading Edge, Cable, Self-Retracting Device
411921	45' Leading Edge, Cable, Self-Retracting Device
411931	45' Leading Edge, Cable, Self-Retracting Device
411917	45' Leading Edge, Cable, Self-Retracting Device
411923	45' Leading Edge, Cable, Self-Retracting Device
A1	45' Leading Edge, Cable, Self-Retracting Device
A2	45' Leading Edge, Cable, Self-Retracting Device
A3	45' Leading Edge, Cable, Self-Retracting Device

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FallTech Test Report							
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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 #	727645LE	**Description**		45' Leading Edge, Cable, Self-Retracting Device			
Proposed Part #	N/A	**Built By Whom**		Production		**BOM**	No
Test Request #	PC-0638	**Date Received**		5/7/2015	**Date Complete**		5/28/2015

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2012 4.2.1	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	15"	Pass
	Max Arrest Force	≤ 1800 Lbf	1173.4 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	737.8 lbF	Pass
	Retraction Tension	1.25 Lbf - 25 Lbf ≤ 24" Extended	5.6 lbF	Pass
ANSI Z359.14-2012 4.2.1	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	19.75"	Pass
	Max Arrest Force	≤ 1800 Lbf	1266.5 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	773.1 lbF	Pass
	Retraction Tension	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.2 lbF	Pass
ANSI Z359.14-2012 4.2.1	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	15.3"	Pass
	Max Arrest Force	≤ 1800 Lbf	1094.3 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	734.0 lbF	Pass
	Retraction Tension	1.25 Lbf - 25 Lbf ≤ 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	≥ 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	≥ 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	≥ 1000 Lbf	1011.7 lbF	Pass

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FallTech Test Report

Test Report Number	PC-0638	**Date**	6/1/2015	**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 #	727645LE	**Description**		45' Leading Edge, Cable, Self-Retracting Device			
Proposed Part #	N/A	**Built By Whom**		Production		**BOM**	No
Test Request #	PC-0638	**Date Received**		5/7/2015	**Date Complete**		5/28/2015

ANSI Z359.14-2012 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3026.8 lbF	Pass
ANSI Z359.14-2012 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3031.3 lbF	Pass
ANSI Z359.14-2012 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3034.7 lbF	Pass
ANSI Z359.14-2012 4.2.6	Retraction Tension	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.4 lbF	Pass
ANSI Z359.14-2012 4.2.6	Retraction Tension	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.2 lbF	Pass
ANSI Z359.14-2012 4.2.6	Retraction Tension	1.25 Lbf - 25 Lbf ≤ 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 ≤ 24" Class B ≤ 54"	27.5"	Pass
	Max Arrest Force	≤ 1800 Lbf	1247.1 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	843.3 lbF	Pass
	Retraction Tension	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.2 lbF	Pass
ANSI Z359.14-2012 4.2.8.1	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	29.8"	Pass
	Max Arrest Force	≤ 1800 Lbf	934.9 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	763.0 lbF	Pass
	Retraction Tension	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.4 lbF	Pass
ANSI Z359.14-2012 4.2.8.1	Arrest Distance	Class A ≤ 24" Class B ≤ 54"	31.0"	Pass
	Max Arrest Force	≤ 1800 Lbf	1073.5 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	790.5 lbF	Pass
	Retraction Tension	1.25 Lbf - 25 Lbf ≤ 24" Extended	6.4 lbF	Pass

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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 #	727645LE	**Description**		45' Leading Edge, Cable, Self-Retracting Device			
Proposed Part #	N/A	**Built By Whom**		Production		**BOM**	No
Test Request #	PC-0638	**Date Received**		5/7/2015	**Date Complete**		5/28/2015

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

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FallTech Test Report

Test Report Number	PC-0638	Date	6/1/2015	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 #	727645LE	Description		45' Leading Edge, Cable, Self-Retracting Device			
Proposed Part #	N/A	Built By Whom		Production		BOM	No
Test Request #	PC-0638	Date Received		5/7/2015	Date Complete		5/28/2015

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

Conclusion

FallTech P/N 727645LE Self-retracting Device meets the requirements of ANSI Z359.14-2012.

Report Signatories and Approval

Lab Quality Manager	Jay Sparks	Date	12/16/2015
Witnessed by	Robert Fortier	Date	12/16/2015

Exova
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Testing. Advising. Assuring.

June 16, 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 #	**350746**
FallTech P.O.:	**13825**
Report No.:	**PC-0638**
Base Part No.	**727645LE**
Description:	**45' Leading Edge Cable Self-Retracting Device**

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:
  - May 8, 2015 and May 28, 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-0638	6/01/2015	727630LE	45' Leading Edge Cable Self-Retracting Device	411938 411912 411922 411906 411927 411909 411905 411907 411914 411916 411939 411926 411930 411913 411921 411931 411917 411923	Pass

Test Witness Signature: **Robert Fortner** **Technician** **Mechanical Laboratory**	***(Signed for and on behalf of Exova-OCM)*** Robert Fortner OCM 067 QUALITY
Approval Signature: **Bruce K. Sauer** **Technical Director**	***(Signed for and on behalf of Exova-OCM)*** OCM 056 CERT. APPROVAL
Approval Signature: **Thomas J. (Tom) Parsons** **Manager** **Quality / Technical Services**	***(Signed for and on behalf of Exova-OCM)*** OCM 054 CERT. APPROVAL

LABORATORY ACCREDITATION BUREAU ACCREDITED
Certificate # L2195 Testing
ISO/IEC 17025

Exova OCM 3883 East Eagle Drive Anaheim, CA 92807 USA

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 June, 2015.

Model/Part Number: 45' 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.

Serial Numbers:

411924	411934	411940	411945	411949	411955
411929	411935	411941	411946	411950	411957
411932	411936	411943	411947	411953	411958
411933	411937	411944	411948	411954	411959

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

Referenced Test Reports:

210125-ASLa1-04-01	210125-ASLc1-07-16	210125-ASLh1-13-22	210125-ASLw1-10-19
210125-ASLa2-05-02	210125-ASLc2-08-17	210125-ASLh2-14-23	210125-ASLw2-11-20
210125-ASLa3-06-03	210125-ASLc3-09-18	210125-ASLh3-15-24	210125-ASLw3-12-21

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.