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 #	C1116046a	**Declaration Date**	11.17.16

Tested Item # **8354LEY** **6' Y-Leg Leading Edge Cable Shock Absorbing Lanyard**

Additional Items Conforming Under this Declaration:

8354LEY3 **8354LEY3D** **8354LEYA** **8354LEY3A**

Alexander Andrew, Inc. declares that the product(s) listed above is in conformity with the requirements of the following performance standard(s):

ANSI Z359.13-2013

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-1009**

Authorized Signature _____

Name Dustin Hawkins **Title** VP Business Development **Date** 1.30.17

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California
USA
92807

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Testing. Advising. Assuring.

January 24, 2017

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

Attention: Jay Sponholz
Quality Manager

Subject: **Attestation of Witnessing Testing**
Exova OCM Job # 370043-24
FallTech P.O.: OPEN
Report No.: PC-1009
Base Part No. 8354LEY
Description: 12FF Y-Leg Energy Absorbing Lanyard

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:
  - January 20, 2017
- Exova OCM Test Witness:
  - Kevin Ton
- FallTech Test Operators:
  - Yesbet Sierra and Jay Sponholz
- Specification:
  - ANSI Z359.13-2013 Sections 4.7.1, 4.7.2, 4.7.3, 4.8, 4.9, 4.13.1, 4.13.2, 4.13.3
- Equipment Calibration Interval
  - 1 year, except weights which are 5 years

Exova
OCM

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-1009	1/23/2017	8345LEY	12FF Y-Leg Energy Absorbing Lanyard	S1 S2 S3 D1 D2 D3 S1 S2 S3 D1 D2 D3 W1 W2 W3 C1 C2 C3 H1 H2 H3	Pass

Test Witness Signature:	*(Signed for and on behalf of Exova-OCM)*
Kevin Ton **Test Technician** **Mechanical Laboratory**	OCM 083 QUALITY

Approval Signature:	*(Signed for and on behalf of Exova-OCM)*
Thomas J. (Tom) Parsons **Manager** **Quality / Technical Services**	OCM 054 CERT. APPROVAL

NACLA RECOGNIZED ilac-MRA LABORATORY ACCREDITATION BUREAU a division of A-S-B ACCREDITED ISO/IEC 17025
Certificate # L2195 Testing

Exova OCM 3883 East Eagle Drive Anaheim, CA 92807 USA

FallTech Testing Laboratory
1306 S. Alameda Street,
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FallTech Test Report

Test Report Number	PC-1009	**Date**	1/23/2017	**Rev**		**Rev Date**	
Report Prepared For	FallTech						
Initiated By	Dan Redden	**Test Specification**		ANSI Z359.13-2013 4.7.1, 4.7.2, 4.7.3, 4.8, 4.9, 4.13.1, 4.13.2, 4.13.3			
Base Part #	8354LEY	**Description**		12FF Y-Leg Energy Absorbing Lanyard			
Proposed Part #	N/A	**Built By Whom**		Production		**BOM**	No
Test Request #	PC-1009	**Date Received**		1/17/2017	**Date Complete**		1/20/2017
Test Operator	Jay Sponholz	**Test Operator**		Yesbet Sierra			

Material/Sample Identification

Sample ID	Description
S1	12FF Y-Leg Energy Absorbing Lanyard
S2	12FF Y-Leg Energy Absorbing Lanyard
S3	12FF Y-Leg Energy Absorbing Lanyard
D1	12FF Y-Leg Energy Absorbing Lanyard
D2	12FF Y-Leg Energy Absorbing Lanyard
D3	12FF Y-Leg Energy Absorbing Lanyard
S1	12FF Y-Leg Energy Absorbing Lanyard
S2	12FF Y-Leg Energy Absorbing Lanyard
S3	12FF Y-Leg Energy Absorbing Lanyard
D1	12FF Y-Leg Energy Absorbing Lanyard
D2	12FF Y-Leg Energy Absorbing Lanyard
D3	12FF Y-Leg Energy Absorbing Lanyard
W1	12FF Y-Leg Energy Absorbing Lanyard
W2	12FF Y-Leg Energy Absorbing Lanyard
W3	12FF Y-Leg Energy Absorbing Lanyard
C1	12FF Y-Leg Energy Absorbing Lanyard
C2	12FF Y-Leg Energy Absorbing Lanyard
C3	12FF Y-Leg Energy Absorbing Lanyard
H1	12FF Y-Leg Energy Absorbing Lanyard
H2	12FF Y-Leg Energy Absorbing Lanyard
H3	12FF Y-Leg Energy Absorbing Lanyard

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FallTech Test Report

Test Report Number	PC-1009	**Date**	1/23/2017	**Rev**		**Rev Date**	
Report Prepared For	FallTech						
Initiated By	Dan Redden	**Test Specification**		ANSI Z359.13-2013 4.7.1, 4.7.2, 4.7.3, 4.8, 4.9, 4.13.1, 4.13.2, 4.13.3			
Base Part #	8354LEY	**Description**		12FF Y-Leg Energy Absorbing Lanyard			
Proposed Part #	N/A	**Built By Whom**		Production		**BOM**	No
Test Request #	PC-1009	**Date Received**		1/17/2017	**Date Complete**		1/20/2017

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.13-2013 4.7.1, 4.7.2	Static Strength	≥ 5000 Lbf	5023.3 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
	Static Strength	≥ 5000 Lbf	5021.6 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.13-2013 4.7.1, 4.7.2	Static Strength	≥ 5000 Lbf	5025.9 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
	Static Strength	≥ 5000 Lbf	5022.2 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.13-2013 4.7.1, 4.7.2	Static Strength	≥ 3600 Lbf	5017.8 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
	Static Strength	≥ 3600 Lbf	5033.5 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.13-2013 4.7.3	Static Strength	≥ 5000 Lbf	5026.9 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.13-2013 4.7.3	Static Strength	≥ 5000 Lbf	5032.3 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.13-2013 4.7.3	Static Strength	≥ 5000 Lbf	5030.3 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.13-2013 4.8	Arrest Distance	≤ 60"	50.6"	Pass
	Max Arrest Force	≤ 1800 Lbf	1282.0 Lbf	Pass
	Avg Arrest Force	≤ 1350 Lbf	926.9 Lbf	Pass
ANSI Z359.13-2013 4.8	Arrest Distance	≤ 60"	52.6"	Pass
	Max Arrest Force	≤ 1800 Lbf	1216.9 Lbf	Pass
	Avg Arrest Force	≤ 1350 Lbf	913.3 Lbf	Pass
ANSI Z359.13-2013 4.8	Arrest Distance	≤ 60"	53.0"	Pass
	Max Arrest Force	≤ 1800 Lbf	1204.0 Lbf	Pass
	Avg Arrest Force	≤ 1350 Lbf	954.7 Lbf	Pass

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FallTech Test Report

Test Report Number	PC-1009	**Date**	1/23/2017	**Rev**		**Rev Date**	
Report Prepared For	FallTech						
Initiated By	Dan Redden	**Test Specification**		ANSI Z359.13-2013 4.7.1, 4.7.2, 4.7.3, 4.8, 4.9, 4.13.1, 4.13.2, 4.13.3			
Base Part #	8354LEY	**Description**		12FF Y-Leg Energy Absorbing Lanyard			
Proposed Part #	N/A	**Built By Whom**		Production		**BOM**	No
Test Request #	PC-1009	**Date Received**		1/17/2017	**Date Complete**		1/20/2017

ANSI Z359.13-2013 4.9	Max Arrest Force	≤ 1800 Lbf	1190.0 Lbf	Pass
ANSI Z359.13-2013 4.9	Max Arrest Force	≤ 1800 Lbf	1263.0 Lbf	Pass
ANSI Z359.13-2013 4.9	Max Arrest Force	≤ 1800 Lbf	1201.7 Lbf	Pass
ANSI Z359.13-2013 4.13.1	Arrest Distance	≤ 60"	46.0"	Pass
	Max Arrest Force	≤ 1800 Lbf	1252.7 Lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	904.3 Lbf	Pass
ANSI Z359.13-2013 4.13.1	Arrest Distance	≤ 60"	47.4"	Pass
	Max Arrest Force	≤ 1800 Lbf	1233.0 Lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	921.9 Lbf	Pass
ANSI Z359.13-2013 4.13.1	Arrest Distance	≤ 60"	45.6"	Pass
	Max Arrest Force	≤ 1800 Lbf	1428.7 Lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	977.1 Lbf	Pass
ANSI Z359.13-2013 4.13.2	Arrest Distance	≤ 60"	44.0"	Pass
	Max Arrest Force	≤ 1800 Lbf	1348.7 Lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	998.2 Lbf	Pass
ANSI Z359.13-2013 4.13.2	Arrest Distance	≤ 60"	43.8"	Pass
	Max Arrest Force	≤ 1800 Lbf	1322.6 Lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	1020.5 Lbf	Pass
ANSI Z359.13-2013 4.13.2	Arrest Distance	≤ 60"	44.4"	Pass
	Max Arrest Force	≤ 1800 Lbf	1383.4 Lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	1007.9 Lbf	Pass

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FallTech Test Report

Test Report Number	PC-1009	**Date**	1/23/2017	**Rev**		**Rev Date**	
Report Prepared For	FallTech						
Initiated By	Dan Redden	**Test Specification**		ANSI Z359.13-2013 4.7.1, 4.7.2, 4.7.3, 4.8, 4.9, 4.13.1, 4.13.2, 4.13.3			
Base Part #	8354LEY	**Description**		12FF Y-Leg Energy Absorbing Lanyard			
Proposed Part #	N/A	**Built By Whom**		Production		**BOM**	No
Test Request #	PC-1009	**Date Received**		1/17/2017	**Date Complete**		1/20/2017
ANSI Z359.13-2013 4.13.3	Arrest Distance	≤ 60"		53.6"		Pass	
	Max Arrest Force	≤ 1800 Lbf		1400.6 Lbf		Pass	
	Avg Arrest Force	≤ 1575 Lbf		933.6 Lbf		Pass	
ANSI Z359.13-2013 4.13.3	Arrest Distance	≤ 60"		55.6"		Pass	
	Max Arrest Force	≤ 1800 Lbf		1337.5 Lbf		Pass	
	Avg Arrest Force	≤ 1575 Lbf		930.6 Lbf		Pass	
ANSI Z359.13-2013 4.13.3	Arrest Distance	≤ 60"		53.4"		Pass	
	Max Arrest Force	≤ 1800 Lbf		1358.9 Lbf		Pass	
	Avg Arrest Force	≤ 1575 Lbf		937.5 Lbf		Pass	

Conclusion

FallTech P/N 8354LEY Energy Absorbing Y-lanyard meets the requirements of ANSI Z359.13-2013.

Report Signatories and Approval

Lab Quality Manager	Jay Sponholz	Date	1/23/2017
Witnessed by	Kevin Ton	Date	1-24-2017

ACCREDITED
Certificate# TL-594 Testing

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 Communique dated January 2009).
FallTech Testing Laboratory allows for a +/- 5% tolerance on dynamic and static strength test results.

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FallTech Test Report

Test Report Number	PC-0977	**Date**	11/21/2016	**Rev**		**Rev Date**	
Report Prepared For	FallTech						
Initiated By	Cory Schurian	**Test Specification**		ANSI Z359.12-2009 4.2.1.2			
Base Part #	8354LEY 3D	**Description**		12FF Y-Leg Energy Absorbing Lanyard			
Proposed Part #	N/A	**Built By Whom**		Production		**BOM**	No
Test Request #	PC-0977	**Date Received**		10/31/2016	**Date Complete**		11/17/2016
Test Operator	Oscar Jaramillo	**Test Operator**		N/A			

Material/Sample Identification

Sample ID	Description
1	12FF Y-Leg Energy Absorbing Lanyard
2	12FF Y-Leg Energy Absorbing Lanyard
3	12FF Y-Leg Energy Absorbing Lanyard

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.12-2009 4.2.1.2	Static Strength	Withstand 5000 lb. Load without breaking	No Breaking or Deformation	Pass
	Static Strength	5000 Lbf. ≥ 1 Minute	5020.6 Lbf.	Pass
ANSI Z359.12-2009 4.2.1.2	Static Strength	Withstand 5000 lb. Load without breaking	No Breaking or Deformation	Pass
	Static Strength	5000 Lbf. ≥ 1 Minute	5028.8 Lbf.	Pass
ANSI Z359.12-2009 4.2.1.2	Static Strength	Withstand 5000 lb. Load without breaking	No Breaking or Deformation	Pass
	Static Strength	5000 Lbf. ≥ 1 Minute	5020.6 Lbf.	Pass

Conclusion

FallTech P/N 8354LEY 3D 12FF Y-Leg Energy Absorbing Lanyard meets the requirements of ANSI Z359.12; 4.2.1.2

Report Signatories and Approval

Lab Quality Manager	Jay Sponholz	Date	11/21/2016
Witnessed by	Not Required	Date	N / R

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FallTech Test Report

Test Report Number	PC-0977	**Date**	11/21/2016	**Rev**		**Rev Date**	
Report Prepared For	FallTech						
Initiated By	Cory Schurian	**Test Specification**		ANSI Z359.12-2009 4.2.1.2			
Base Part #	8354LEY 3D	**Description**		12FF Y-Leg Energy Absorbing Lanyard			
Proposed Part #	N/A	**Built By Whom**		Production		**BOM**	No
Test Request #	PC-0977	**Date Received**		10/31/2016	**Date Complete**		11/17/2016

Test Information

Description of Test	Tensile Testing of D-rings		
Test Method	ANSI Z359.12-2009 4.2.1.2		
Acceptance Criteria	ANSI Z359.12-2009 3.1.1.4		
Test Procedure	N/A		
Conditioning Requirements	Not Applicable	**Actual Conditions**	Not Applicable
Time Removed from Conditioning	Not Applicable	**Time Tested**	Not Applicable
Test Environment	Not Applicable		
Test By	Oscar Jaramillo	**Test Date**	11/17/2016

Equipment Used

Equipment Used	Size/Type	Control Number	Calibration Date
Load Cell	**20,000 Lbs.**	**13632**	**8/30/2016**

Test Results

Sample ID	Characteristic	Criteria	Test Data	Pass/Fail
1	Static Strength	Withstand 5000 lb. Load without breaking	No Breaking or Deformation	Pass
	Static Strength	5000 Lbf. ≥ 1 Minute	5020.6 Lbf.	Pass
2	Static Strength	Withstand 5000 lb. Load without breaking	No Breaking or Deformation	Pass
	Static Strength	5000 Lbf. ≥ 1 Minute	5028.8 Lbf.	Pass
3	Static Strength	Withstand 5000 lb. Load without breaking	No Breaking or Deformation	Pass
	Static Strength	5000 Lbf. ≥ 1 Minute	5020.6 Lbf.	Pass

End of Report