

# Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



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

Declaration #

C0316025

Declaration Date

3.22.16

Tested Item #

8240

4½ to 6' ElasTech® Shock Absorbing Lanyard

Additional Items Conforming Under this Declaration:

8240L

82403

82403L

8240A

82403A

A8240

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

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-0843

Authorized Signature

Name

Dustin Hawkins

Title

VP Business Development

Date

4.1.16

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.

March 28, 2016

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

Attention: Jay Sponholz  
Quality Manager

Subject: **Attestation of Witnessing Testing**  
**Exova OCM Job # 360367-5**  
**FallTech P.O.: OPEN**  
**Report No.: PC-0843**  
**Base Part No. 8240**  
**Description: 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:
  - 10 & 16 March 2016
- Exova OCM Test Witness:
  - Robert Fortner
- FallTech Test Operators:
  - Yesbet Sierra and Jay Sponholz
- Specification:
  - ANSI Z359.13-2013 Sections 4.5, 4.6, 4.13.1, 4.13.2, 4.13.3
- 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-0843	3/22/2016	8240	Energy Absorbing Lanyard	3141403 3141406 3141405 3141403 3141406 3141405 3141411 3141402 3141404 3141410 3141408 3141407 3141416 3141414 3141409	Pass

<b>Test Witness Signature:</b> Robert Fortner Technician Mechanical Laboratory	(Signed for and on behalf of Exova-OCM)  
---	---

<b>Approval Signature:</b> Bruce K. Sauer Technical Director	(Signed for and on behalf of Exova-OCM)  
--	--

<b>Approval Signature:</b> Thomas J. (Tom) Parsons Manager Quality / Technical Services	(Signed for and on behalf of Exova-OCM)  
--	---

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

<b>Test Report Number</b>	PC-0843	<b>Date</b>	3/22/2016	<b>Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification</b>	ANSI Z359.13-2013 4.5, 4.6, 4.13.1, 4.13.2, 4.13.3				
<b>Base Part #</b>	8240	<b>Description</b>	Energy Absorbing Lanyard				
<b>Proposed Part #</b>	N/A	<b>Built By Whom</b>	Production	<b>BOM</b>	No		
<b>Test Request #</b>	PC-0843	<b>Date Received</b>	3/9/2016	<b>Date Complete</b>	3/16/2016		
<b>Test Operator</b>	Jay Sponholz	<b>Test Operator</b>	Yesbet Sierra				

### Material/Sample Identification

Sample ID	Description
3141403	Energy Absorbing Lanyard
3141406	Energy Absorbing Lanyard
3141405	Energy Absorbing Lanyard
3141403	Energy Absorbing Lanyard
3141406	Energy Absorbing Lanyard
3141405	Energy Absorbing Lanyard
3141411	Energy Absorbing Lanyard
3141402	Energy Absorbing Lanyard
3141404	Energy Absorbing Lanyard
3141410	Energy Absorbing Lanyard
3141408	Energy Absorbing Lanyard
3141407	Energy Absorbing Lanyard
3141416	Energy Absorbing Lanyard
3141414	Energy Absorbing Lanyard
3141409	Energy Absorbing Lanyard



## FallTech Test Report

<b>Test Report Number</b>	PC-0843	<b>Date</b>	3/22/2016	<b>Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification</b>	ANSI Z359.13-2013 4.5, 4.6, 4.13.1, 4.13.2, 4.13.3				
<b>Base Part #</b>	8240	<b>Description</b>	Energy Absorbing Lanyard				
<b>Proposed Part #</b>	N/A	<b>Built By Whom</b>	Production	<b>BOM</b>	No		
<b>Test Request #</b>	PC-0843	<b>Date Received</b>	3/9/2016	<b>Date Complete</b>	3/16/2016		

### Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.13-2013 4.5	Arrest Distance	≤ 48"	43.8"	Pass
	Max Arrest Force	≤ 1800 Lbf	1039.6 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	770.8 Lbf	Pass
ANSI Z359.13-2013 4.5	Arrest Distance	≤ 48"	44.6"	Pass
	Max Arrest Force	≤ 1800 Lbf	1046.7 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	776.8 Lbf	Pass
ANSI Z359.13-2013 4.5	Arrest Distance	≤ 48"	44.4"	Pass
	Max Arrest Force	≤ 1800 Lbf	1064.0 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	775.6 Lbf	Pass
ANSI Z359.13-2013 4.6	Static Strength	≥ 5000 Lbf	5029.7 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.13-2013 4.6	Static Strength	≥ 5000 Lbf	5033.1 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.13-2013 4.6	Static Strength	≥ 5000 Lbf	5021.9 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.13-2013 4.13.1	Arrest Distance	≤ 48"	43.0"	Pass
	Max Arrest Force	≤ 1800 Lbf	1084.6 Lbf	Pass
	Avg Arrest Force	≤ 1125 Lbf	821.1 Lbf	Pass
ANSI Z359.13-2013 4.13.1	Arrest Distance	≤ 48"	50.4"	Pass
	Max Arrest Force	≤ 1800 Lbf	1364.2 Lbf	Pass
	Avg Arrest Force	≤ 1125 Lbf	799.3 Lbf	Pass
ANSI Z359.13-2013 4.13.1	Arrest Distance	≤ 48"	44.0"	Pass
	Max Arrest Force	≤ 1800 Lbf	1127.5 Lbf	Pass
	Avg Arrest Force	≤ 1125 Lbf	807.8 Lbf	Pass





### FallTech Test Report


<b>Test Report Number</b>	PC-0843	<b>Date</b>	3/22/2016	<b>Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification</b>	ANSI Z359.13-2013 4.5, 4.6, 4.13.1, 4.13.2, 4.13.3				
<b>Base Part #</b>	8240	<b>Description</b>	Energy Absorbing Lanyard				
<b>Proposed Part #</b>	N/A	<b>Built By Whom</b>	Production	<b>BOM</b>	No		
<b>Test Request #</b>	PC-0843	<b>Date Received</b>	3/9/2016	<b>Date Complete</b>	3/16/2016		
ANSI Z359.13-2013 4.13.2	Arrest Distance	≤ 48"	27.4"	Pass			
	Max Arrest Force	≤ 1800 Lbf	1154.6 Lbf	Pass			
	Avg Arrest Force	≤ 1125 Lbf	947.4 Lbf	Pass			
ANSI Z359.13-2013 4.13.2	Arrest Distance	≤ 48"	27.2"	Pass			
	Max Arrest Force	≤ 1800 Lbf	1119.2 Lbf	Pass			
	Avg Arrest Force	≤ 1125 Lbf	918.7 Lbf	Pass			
ANSI Z359.13-2013 4.13.2	Arrest Distance	≤ 48"	26.8"	Pass			
	Max Arrest Force	≤ 1800 Lbf	1144.8 Lbf	Pass			
	Avg Arrest Force	≤ 1125 Lbf	943.1 Lbf	Pass			
ANSI Z359.13-2013 4.13.3	Arrest Distance	≤ 48"	49.0"	Pass			
	Max Arrest Force	≤ 1800 Lbf	1748.3 Lbf	Pass			
	Avg Arrest Force	≤ 1125 Lbf	812.3 Lbf	Pass			
ANSI Z359.13-2013 4.13.3	Arrest Distance	≤ 48"	48.8"	Pass			
	Max Arrest Force	≤ 1800 Lbf	1327.7 Lbf	Pass			
	Avg Arrest Force	≤ 1125 Lbf	776.2 Lbf	Pass			
ANSI Z359.13-2013 4.13.3	Arrest Distance	≤ 48"	48.8"	Pass			
	Max Arrest Force	≤ 1800 Lbf	1769.4 Lbf	Pass			
	Avg Arrest Force	≤ 1125 Lbf	812.2 Lbf	Pass			

#### Conclusion

FallTech P/N 8240 Energy Absorbing Lanyard meets the requirements of ANSI Z359.13-2013.

#### Report Signatories and Approval

Lab Quality Manager		Date	3/22/2016
---------------------	---	------	-----------

Witnessed by		Date	3/25/2016
--------------	---	------	-----------