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 #	C0617052b	**Declaration Date**	6.13.17

Tested Item #	**8247B**	**6' Ironman® Energy Absorbing Lanyard**

Additional Items Conforming Under this Declaration:

8247B3 **8247BA**

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-1136**	**PC-1166**

Authorized Signature _____

Name Martin Barila **Title** VP of Operations **Date** 11.7.17

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Testing. Advising. Assuring.

June 15, 2017

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

Attention: Jay Sponholz
Quality Manager

Subject: **Attestation of Witnessing Testing**
Exova OCM Job # 370839-4
FallTech P.O.: OPEN
Report No.: PC-1136
Base Part No. 8247B
Description: 12FF 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:
  - June 7, 2017
- Exova OCM Test Witness:
  - 6/7/17 -Nolan Schatzle
- FallTech Test Operators:
  - Yesbet Sierra/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

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-1136	6/7/17	8247B	12FF Energy Absorbing Lanyard	S1 S2 S3 S1 S2 S3 W1 W2 W3 C1 C2 C3 H1 H2 H3	Pass

Test Witness Signature: **Nolan Schatzle** **Technician** **Mechanical Laboratory**	***(Signed for and on behalf of Exova-OCM)***
Approval Signature: **Jim Rutherford** **Active Quality Manager**	***(Signed for and on behalf of Exova-OCM)***

OCM 072 QUALITY

OCM 081 QUALITY

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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Tel: (323) 752-0060
www.falltech.com

FallTech Test Report

Test Report No.	PC-1136	**Rpt. Date**	6/13/2017	**Rpt. Rev**		**Rev Date**	
Report Prepared For	FallTech						
Initiated By	Dan Redden	**Test Specification(s)**		ANSI Z359.13-2013 4.5, 4.6, 4.13.1, 4.13.2, 4.13.3			
Part No.	8247B			**Part No. Revision**	A		
Part Description	12FF Energy Absorbing Lanyard						
Test Request No.	PC-1136			**Date Complete**	6/7/2017		
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
S1	12FF Energy Absorbing Lanyard
S2	12FF Energy Absorbing Lanyard
S3	12FF Energy Absorbing Lanyard
S1	12FF Energy Absorbing Lanyard
S2	12FF Energy Absorbing Lanyard
S3	12FF Energy Absorbing Lanyard
W1	12FF Energy Absorbing Lanyard
W2	12FF Energy Absorbing Lanyard
W3	12FF Energy Absorbing Lanyard
C1	12FF Energy Absorbing Lanyard
C2	12FF Energy Absorbing Lanyard
C3	12FF Energy Absorbing Lanyard
H1	12FF Energy Absorbing Lanyard
H2	12FF Energy Absorbing Lanyard
H3	12FF Energy Absorbing Lanyard

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FallTech Test Report

Test Report No.	PC-1136	**Rpt. Date**	6/13/2017	**Rpt. Rev**		**Rev Date**	
Report Prepared For	FallTech						
Initiated By	Dan Redden	**Test Specification(s)**		ANSI Z359.13-2013 4.5, 4.6, 4.13.1, 4.13.2, 4.13.3			
Part No.	8247B			**Part No. Revision**	A		
Part Description	12FF Energy Absorbing Lanyard						
Test Request No.	PC-1136			**Date Complete**	6/7/2017		

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.13-2013 4.5	Arrest Distance	≤ 60"	56.2"	Pass
	Max Arrest Force	≤ 1800 Lbf	1213.2 Lbf	Pass
	Avg Arrest Force	≤ 1350 Lbf	906.5 Lbf	Pass
ANSI Z359.13-2013 4.5	Arrest Distance	≤ 60"	55.8"	Pass
	Max Arrest Force	≤ 1800 Lbf	1184.0 Lbf	Pass
	Avg Arrest Force	≤ 1350 Lbf	907.4 Lbf	Pass
ANSI Z359.13-2013 4.5	Arrest Distance	≤ 60"	56.6"	Pass
	Max Arrest Force	≤ 1800 Lbf	1136.9 Lbf	Pass
	Avg Arrest Force	≤ 1350 Lbf	906.0 Lbf	Pass
ANSI Z359.13-2013 4.6	Static Strength	≥ 5000 Lbf	5037.2 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.13-2013 4.6	Static Strength	≥ 5000 Lbf	5023.6 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.13-2013 4.6	Static Strength	≥ 5000 Lbf	5027.7 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.13-2013 4.13.1	Arrest Distance	≤ 60"	46.5"	Pass
	Max Arrest Force	≤ 1800 Lbf	1797.5Lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	953.6 Lbf	Pass
ANSI Z359.13-2013 4.13.1	Arrest Distance	≤ 60"	49.6"	Pass
	Max Arrest Force	≤ 1800 Lbf	1274.8 Lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	894.6 Lbf	Pass
ANSI Z359.13-2013 4.13.1	Arrest Distance	≤ 60"	47.6"	Pass
	Max Arrest Force	≤ 1800 Lbf	1525.5 Lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	1015.7 Lbf	Pass

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FallTech Test Report

Test Report No.	PC-1136	**Rpt. Date**	6/13/2017	**Rpt. Rev**		**Rev Date**	
Report Prepared For	FallTech						
Initiated By	Dan Redden	**Test Specification(s)**		ANSI Z359.13-2013 4.5, 4.6, 4.13.1, 4.13.2, 4.13.3			
Part No.	8247B			**Part No. Revision**	A		
Part Description	12FF Energy Absorbing Lanyard						
Test Request No.	PC-1136			**Date Complete**	6/7/2017		

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.13-2013 4.13.2	Arrest Distance	≤ 60"	48.5"	Pass
	Max Arrest Force	≤ 1800 Lbf	1375.4 Lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	970.6 Lbf	Pass
ANSI Z359.13-2013 4.13.2	Arrest Distance	≤ 60"	44.3"	Pass
	Max Arrest Force	≤ 1800 Lbf	1242.0 Lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	984.5 Lbf	Pass
ANSI Z359.13-2013 4.13.2	Arrest Distance	≤ 60"	45.8"	Pass
	Max Arrest Force	≤ 1800 Lbf	1336.8 Lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	998.1 Lbf	Pass
ANSI Z359.13-2013 4.13.3	Arrest Distance	≤ 60"	56.5"	Pass
	Max Arrest Force	≤ 1800 Lbf	1474.7 Lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	940.4 Lbf	Pass
ANSI Z359.13-2013 4.13.3	Arrest Distance	≤ 60"	56.7"	Pass
	Max Arrest Force	≤ 1800 Lbf	1465.9 Lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	951.0 Lbf	Pass
ANSI Z359.13-2013 4.13.3	Arrest Distance	≤ 60"	57.8"	Pass
	Max Arrest Force	≤ 1800 Lbf	1354.0 Lbf	Pass
	Avg Arrest Force	≤ 1575 Lbf	928.8 Lbf	Pass

Conclusion

FallTech P/N 8247B Rev. A meets the requirements of ANSI Z359.13-2013

Report Signatories and Approval

Lab Quality Manager	Jay Sponholz	Date	6/13/2017
Witnessed by	Nolan Schatzle	Date	6-27-17

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Testing. Advising. Assuring.

July 31, 2017

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

Attention: Jay Sponholz
Quality Manager

Subject: **Attestation of Witnessing Testing**
Exova OCM Job # 371118-2
FallTech P.O.: OPEN
Report No.: PC-1166
Base Part No. 8247B
Description: Ironman 6' Shock Absorbing Lanyard 6' free fall

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:
  - July 19, 2017
- Exova OCM Test Witness:
  - 7/19/17 -Nolan Schatzle
- FallTech Test Operators:
  - Yesbet Sierra/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

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-1166	7/19/17	8247B	Ironman 6' Shock Absorbing Lanyard 6' free fall	3994464 3994463 A3 3994464 3994463 A3 3994459 3994456 3994467 3994458 3994462 3994460 3994455 3994468 3994461	Pass

Test Witness Signature: **Nolan Schatzle** **Technician** **Mechanical Laboratory**	***(Signed for and on behalf of Exova-OCM)*** OCM 072 QUALITY
Approval Signature: **Victor Mendez** **Production Manager**	***(Signed for and on behalf of Exova-OCM)***

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FallTech Test Report

Test Report No.	PC-1166	**Rpt. Date**	7/26/2017	**Rpt. Rev**		**Rev Date**	
Report Prepared For	FallTech						
Initiated By	Dan Redden	**Test Specification(s)**		ANSI Z359.13-2013 4.5, 4.6, 4.13.1, 4.13.2, 4.13.3			
Part No.	8247B			**Part No. Revision**	A		
Part Description	Ironman 6' Shock Absorbing Lanyard 6' free fall						
Test Request No.	PC-1166			**Date Complete**	7/19/2017		
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
3994464	Ironman 6' Shock Absorbing Lanyard 6' free fall
3994463	Ironman 6' Shock Absorbing Lanyard 6' free fall
A3	Ironman 6' Shock Absorbing Lanyard 6' free fall
3994464	Ironman 6' Shock Absorbing Lanyard 6' free fall
3994463	Ironman 6' Shock Absorbing Lanyard 6' free fall
A3	Ironman 6' Shock Absorbing Lanyard 6' free fall
3994459	Ironman 6' Shock Absorbing Lanyard 6' free fall
3994456	Ironman 6' Shock Absorbing Lanyard 6' free fall
3994467	Ironman 6' Shock Absorbing Lanyard 6' free fall
3994458	Ironman 6' Shock Absorbing Lanyard 6' free fall
3994462	Ironman 6' Shock Absorbing Lanyard 6' free fall
3994460	Ironman 6' Shock Absorbing Lanyard 6' free fall
3994455	Ironman 6' Shock Absorbing Lanyard 6' free fall
3994468	Ironman 6' Shock Absorbing Lanyard 6' free fall
3994461	Ironman 6' Shock Absorbing Lanyard 6' free fall

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FallTech Test Report

Test Report No.	PC-1166	**Rpt. Date**	7/26/2017	**Rpt. Rev**		**Rev Date**	
Report Prepared For	FallTech						
Initiated By	Dan Redden	**Test Specification(s)**		ANSI Z359.13-2013 4.5, 4.6, 4.13.1, 4.13.2, 4.13.3			
Part No.	8247B			**Part No. Revision**	A		
Part Description	Ironman 6' Shock Absorbing Lanyard 6' free fall						
Test Request No.	PC-1166			**Date Complete**	7/19/2017		

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.13-2013 4.5	Arrest Distance	≤ 48"	28.4"	Pass
	Max Arrest Force	≤ 1800 Lbf	1357.9 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	906.0 Lbf	Pass
ANSI Z359.13-2013 4.5	Arrest Distance	≤ 48"	29.0"	Pass
	Max Arrest Force	≤ 1800 Lbf	1241.3 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	820.2 Lbf	Pass
ANSI Z359.13-2013 4.5	Arrest Distance	≤ 48"	29.6"	Pass
	Max Arrest Force	≤ 1800 Lbf	1131.7 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	899.3 Lbf	Pass
ANSI Z359.13-2013 4.6	Static Strength	≥ 5000 Lbf	5055.6 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.13-2013 4.6	Static Strength	≥ 5000 Lbf	5032.0 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.13-2013 4.6	Static Strength	≥ 5000 Lbf	5040.6 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.13-2013 4.13.1	Arrest Distance	≤ 48"	34.4"	Pass
	Max Arrest Force	≤ 1800 Lbf	1159.8 Lbf	Pass
	Avg Arrest Force	≤ 1125 Lbf	866.4 Lbf	Pass
ANSI Z359.13-2013 4.13.1	Arrest Distance	≤ 48"	31.0"	Pass
	Max Arrest Force	≤ 1800 Lbf	1064.8 Lbf	Pass
	Avg Arrest Force	≤ 1125 Lbf	864.0 Lbf	Pass
ANSI Z359.13-2013 4.13.1	Arrest Distance	≤ 48"	25.4"	Pass
	Max Arrest Force	≤ 1800 Lbf	1219.7 Lbf	Pass
	Avg Arrest Force	≤ 1125 Lbf	843.2 Lbf	Pass

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FallTech Test Report

Test Report No.	PC-1166	**Rpt. Date**	7/26/2017	**Rpt. Rev**		**Rev Date**	
Report Prepared For	FallTech						
Initiated By	Dan Redden	**Test Specification(s)**		ANSI Z359.13-2013 4.5, 4.6, 4.13.1, 4.13.2, 4.13.3			
Part No.	8247B			**Part No. Revision**	A		
Part Description	Ironman 6' Shock Absorbing Lanyard 6' free fall						
Test Request No.	PC-1166			**Date Complete**	7/19/2017		

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.13-2013 4.13.2	Arrest Distance	≤ 48"	25.8"	Pass
	Max Arrest Force	≤ 1800 Lbf	1333.5 Lbf	Pass
	Avg Arrest Force	≤ 1125 Lbf	1001.0 Lbf	Pass
ANSI Z359.13-2013 4.13.2	Arrest Distance	≤ 48"	25.4"	Pass
	Max Arrest Force	≤ 1800 Lbf	1327.6 Lbf	Pass
	Avg Arrest Force	≤ 1125 Lbf	1001.1 Lbf	Pass
ANSI Z359.13-2013 4.13.2	Arrest Distance	≤ 48"	26.4"	Pass
	Max Arrest Force	≤ 1800 Lbf	1305.8 Lbf	Pass
	Avg Arrest Force	≤ 1125 Lbf	935.7 Lbf	Pass
ANSI Z359.13-2013 4.13.3	Arrest Distance	≤ 48"	29.9"	Pass
	Max Arrest Force	≤ 1800 Lbf	1330.8 Lbf	Pass
	Avg Arrest Force	≤ 1125 Lbf	866.2 Lbf	Pass
ANSI Z359.13-2013 4.13.3	Arrest Distance	≤ 48"	28.0"	Pass
	Max Arrest Force	≤ 1800 Lbf	1197.4 Lbf	Pass
	Avg Arrest Force	≤ 1125 Lbf	827.9 Lbf	Pass
ANSI Z359.13-2013 4.13.3	Arrest Distance	≤ 48"	30.7"	Pass
	Max Arrest Force	≤ 1800 Lbf	1269.5 Lbf	Pass
	Avg Arrest Force	≤ 1125 Lbf	871.6 Lbf	Pass

Conclusion

FallTech P/N 8247B Rev. A meets the requirements of ANSI Z359.13-2013

Report Signatories and Approval

Lab Quality Manager	Jay Sponholz	Date	7/26/2017
Witnessed by	Nolan Schatzle	Date	7-31-17