

Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



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

Declaration #

C1017076

Declaration Date

10.27.17

Tested Item #

7489

Anti-Panic Trailing Hinged Fall Arrester

Additional Items Conforming Under this Declaration:

When used with these Verticle Lifelines:

8150500	8150250	8150300	8150DH	8125	8125T	8150T	8149
820020	8126	8130T	8151T	8151	8135T	8200T	8149T
8175	81505	8200DH	8200	A8150T	8201		

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

ANSI Z359.15-2014

7489 has been tested as an integral component of 8388 (3' ViewPack SAL with Trailing Hinged Fall Arrester). In addition, 7489 has been tested as a Fall Arrester in accordance with ANSI Z359.15-2014, 4.3.2

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-1305

PC-1305B

PC-1143

PC-1143B

Authorized Signature

Name

Martin Barila

Title

VP of Operations

Date

3.28.18

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.

October 30, 2017

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

Attention: Jay Sponholz
Quality Manager

Subject: **Attestation of Witnessing Testing**
Exova OCM Job # 371456-10
FallTech P.O.: OPEN
Report No.: PC-1305
Base Part No. 8388
Description: 3' SAL w/ Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL

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:

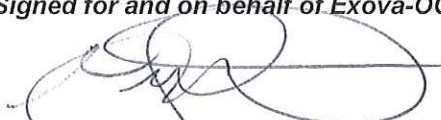

- Date of Testing:
 - October 25, 2017
- Exova OCM Test Witness:
 - 10/25/17 - Nolan Schatzle
- FallTech Test Operators:
 - Yesbet Sierra/Jay Sponholz
- Specification:


ANSI Z359.15-2014 Sections: 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5, 4.3.1, 4.3.2

- 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-1305	10/25/17	8388	3' SAL w/ Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL	4113148	Pass
				4113143	
				4113147	
				4113148	
				4113143	
				4113147	
				4113148	
				4113143	
				4113147	
				4113149	
				4113153	
				4113144	
				4113161	
				4113158	
				4113145	
				4113157	
				4113152	
				4113142	
				4113150	
				4113156	
4113160					
4113151					
4113159					
4113154					

Test Witness Signature: Nolan Schatzle Technician Mechanical Laboratory	<i>(Signed for and on behalf of Exova-OCM)</i> 	
---	--	---

Approval Signature: Victor Mendez Production Manager	<i>(Signed for and on behalf of Exova-OCM)</i> 
---	--

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 No.	PC-1305	Rpt. Date	10/27/2017	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.15-2014 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5, 4.3.1, 4.3.2				
Part No.	8388	Part No. Revision	A				
Part Description	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL						
Test Request No.	PC-1305	Date Complete	10/25/2017				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
4113148	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113143	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113147	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113148	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113143	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113147	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113148	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113143	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113147	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113149	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113153	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113144	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113161	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113158	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113145	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113157	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113152	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113142	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113150	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113156	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113160	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113151	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113159	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL
4113154	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL



FallTech Test Report

Test Report No.	PC-1305	Rpt. Date	10/27/2017	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.15-2014 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5, 4.3.1, 4.3.2				
Part No.	8388	Part No. Revision	A				
Part Description	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL						
Test Request No.	PC-1305	Date Complete	10/25/2017				

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.15-2014 4.2.1	Functional Travel	Travel 10' Down & 10' Up without assistance	Traveled without assistance	Pass
	Travel Speed	≥ 1' per Second	7.3 Seconds	Pass
ANSI Z359.15-2014 4.2.1	Functional Travel	Travel 10' Down & 10' Up without assistance	Traveled without assistance	Pass
	Travel Speed	≥ 1' per Second	6.7 Seconds	Pass
ANSI Z359.15-2014 4.2.1	Functional Travel	Travel 10' Down & 10' Up without assistance	Traveled without assistance	Pass
	Travel Speed	≥ 1' per Second	6.4 Seconds	Pass
ANSI Z359.15-2014 4.2.2	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	111.7"	Pass
	Max Arrest Force	≤ 1800 Lbf	963.8 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	747.2 Lbf	Pass
ANSI Z359.15-2014 4.2.2	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	114.8"	Pass
	Max Arrest Force	≤ 1800 Lbf	1020.1 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	775.6 Lbf	Pass
ANSI Z359.15-2014 4.2.2	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	110.2"	Pass
	Max Arrest Force	≤ 1800 Lbf	1010.7 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	761.2 Lbf	Pass



FallTech Test Report

Test Report No.	PC-1305	Rpt. Date	10/27/2017	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.15-2014 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5, 4.3.1, 4.3.2				
Part No.	8388	Part No. Revision	A				
Part Description	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL						
Test Request No.	PC-1305	Date Complete	10/25/2017				

Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.15-2014 4.2.3	Static Strength	≥ 660 Lbf	665.0 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
	Slippage	≥ 4 "	1.0"	Pass
	Static Strength	≥ 1800 Lbf	1863.3 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.15-2014 4.2.3	Static Strength	≥ 660 Lbf	678.9 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
	Slippage	≥ 4 "	0.5"	Pass
	Static Strength	≥ 1800 Lbf	1871.3 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.15-2014 4.2.3	Static Strength	≥ 660 Lbf	674.5 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
	Slippage	≥ 4 "	0.25"	Pass
	Static Strength	≥ 1800 Lbf	1831.0 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.15-2014 4.2.4	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	115.6"	Pass
	Max Arrest Force	≤ 1800 Lbf	996.0 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	763.6 Lbf	Pass
ANSI Z359.15-2014 4.2.4	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	116.4"	Pass
	Max Arrest Force	≤ 1800 Lbf	1068.7 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	764.0 Lbf	Pass
ANSI Z359.15-2014 4.2.4	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	110.4"	Pass
	Max Arrest Force	≤ 1800 Lbf	1015.6 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	755.9 Lbf	Pass



FallTech Test Report

Test Report No.	PC-1305	Rpt. Date	10/27/2017	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.15-2014 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5, 4.3.1, 4.3.2				
Part No.	8388	Part No. Revision	A				
Part Description	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL						
Test Request No.	PC-1305	Date Complete	10/25/2017				

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.15-2014 4.2.5.1	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	121.0"	Pass
	Max Arrest Force	≤ 1800 Lbf	999.0 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	743.6 Lbf	Pass
ANSI Z359.15-2014 4.2.5.1	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	117.6"	Pass
	Max Arrest Force	≤ 1800 Lbf	1309.7 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	767.9 Lbf	Pass
ANSI Z359.15-2014 4.2.5.1	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	121.6"	Pass
	Max Arrest Force	≤ 1800 Lbf	1053.3 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	742.2 Lbf	Pass
ANSI Z359.15-2014 4.2.5.2	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	109.6"	Pass
	Max Arrest Force	≤ 1800 Lbf	1097.0 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	878.3 Lbf	Pass
ANSI Z359.15-2014 4.2.5.2	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	109.2"	Pass
	Max Arrest Force	≤ 1800 Lbf	1145.7 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	874.2 Lbf	Pass
ANSI Z359.15-2014 4.2.5.2	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	105.8"	Pass
	Max Arrest Force	≤ 1800 Lbf	1160.4 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	871.3 Lbf	Pass



FallTech Test Report

Test Report No.	PC-1305	Rpt. Date	10/27/2017	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.15-2014 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5, 4.3.1, 4.3.2				
Part No.	8388	Part No. Revision	A				
Part Description	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 VLL						
Test Request No.	PC-1305	Date Complete	10/25/2017				

Test Summary (Continued)

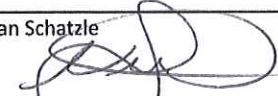
Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.15-2014 4.2.5.3	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	118.0"	Pass
	Max Arrest Force	≤ 1800 Lbf	1017.1 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	753.6 Lbf	Pass
ANSI Z359.15-2014 4.2.5.3	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	115.2"	Pass
	Max Arrest Force	≤ 1800 Lbf	1166.5 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	781.5 Lbf	Pass
ANSI Z359.15-2014 4.2.5.3	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	118.4"	Pass
	Max Arrest Force	≤ 1800 Lbf	996.0 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	753.8 Lbf	Pass
ANSI Z359.13-2013 4.3.2	Static Strength	≥ 3600 Lbf	3620.6 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.13-2013 4.3.2	Static Strength	≥ 3600 Lbf	3620.0 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.13-2013 4.3.2	Static Strength	≥ 3600 Lbf	3642.7 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass

Conclusion

Based upon the samples provided to the Lab:
 FallTech P/N 8388 Rev. A 3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8149 meets the requirements of ANSI Z359.15-2014

Report Signatories and Approval

Lab Quality Manager		Date	10/27/2017
---------------------	---	------	------------

Witnessed by		Date	11-13-17
--------------	---	------	----------



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.

February 26, 2018

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

Attention: Jay Sponholz
Quality Manager

Subject: **Attestation of Witnessing Testing**
Exova OCM Job # 380104-8
FallTech P.O.: OPEN
Report No.: PC-1305B
Base Part No. 2-90BLU
Description: 5/8" Ultra Blue CPP Rope

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:
 - February 22, 2018
- Exova OCM Test Witness:
 - 2/22/2018 – Kevin Ton
- FallTech Test Operators:
 - Yesbet Sierra/Jay Sponholz
- Specification:

ANSI Z359.15-2014 Sections: 3.1.3, 4.3.1

- 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-1305B	2/22/2018	2-90BLU	5/8" Ultra Blue CPP Rope	S1 S2 S3	Pass

Test Witness Signature: Kevin Ton	<i>(Signed for and on behalf of Exova-OCM)</i> 	
---	---	--

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.



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

FallTech Test Report

Test Report No.	PC-1305b	Rpt. Date	2/23/2018	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.15-2014 3.1.3 and 4.3.1				
Part No.	2-90BLU	Part No. Revision	A				
Part Description	5/8" Ultra Blue CPP Rope						
Test Request No.	PC-1305b	Date Complete	2/22/2018				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
S1	5/8" Ultra Blue CPP Rope
S2	5/8" Ultra Blue CPP Rope
S3	5/8" Ultra Blue CPP Rope




Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.15-2014 3.1.3 / 4.3.1	Max Elongation @ 1800 lbs	≥ 10%	3.8% under 1826.7 Lbf
	Static Strength	≥ 5000 Lbf	5033.4 Lbf
	Hold	≥ 1 Minute	1 Minute
ANSI Z359.15-2014 3.1.3 / 4.3.1	Max Elongation @ 1800 lbs	≥ 10%	5.0% under 1845.6 Lbf
	Static Strength	≥ 5000 Lbf	5026.6 Lbf
	Hold	≥ 1 Minute	1 Minute
ANSI Z359.15-2014 3.1.3 / 4.3.1	Max Elongation @ 1800 lbs	≥ 10%	5.0% under 1826.9 Lbf
	Static Strength	≥ 5000 Lbf	5029.5 Lbf
	Hold	≥ 1 Minute	1 Minute

Conclusion

Based upon the samples provided to the Lab:
 FallTech P/N 2-90BLU 5/8" Ultra Blue CPP Rope meets the requirements of ANSI Z359.15-2014
 This Report prepared as a supplement to PC-1305 (3' SAL w/Fall Arrester/Grab)

Report Signatories and Approval

Lab Quality Manager		Date	2/23/2018
Witnessed by	Kevin Ton  	Date	2/24/2018



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.

June 30, 2017

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

Attention: Jay Sponholz
Quality Manager

Subject: **Attestation of Witnessing Testing**
Exova OCM Job # 370839-13
FallTech P.O.: OPEN
Report No.: PC-1143
Base Part No. 8388
Description: 3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8150 Rope

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 21 & 28, 2017
- Exova OCM Test Witness:
 - Nolan Schatzle
- FallTech Test Operators:
 - Yesbet Sierra and Jay Sponholz
- Specification:


ANSI Z359.15-2014; 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5, 4.3.1, 4.3.2

- 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-1143	6/21/2017 & 6/28/2017	8388	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8150 Rope	LF1 LF2 LF3 DPT1 DPT2 DPT3 RS1 RS2 RS3 MO1 MO2 MO3 H1 H2 H3 C1 C2 C3 W1 W2 W3 FA1 FA2 FA3	Pass

Test Witness Signature: Nolan Schatzle Test Technician Mechanical Laboratory	<i>(Signed for and on behalf of Exova-OCM)</i> 	
--	--	---

Approval Signature: Victor Mendez Production Manager	<i>(Signed for and on behalf of Exova-OCM)</i> 
---	--

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.



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

FallTech Test Report

Test Report No.	PC-1143	Rpt. Date	6/28/2017	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.15-2014 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5, 4.3.1, 4.3.2				
Part No.	8388	Part No. Revision	A				
Part Description	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope						
Test Request No.	PC-1143	Date Complete	6/28/2017				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
LF1	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
LF2	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
LF3	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
DPT1	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
DPT2	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
DPT3	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
RS1	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
RS2	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
RS3	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
MO1	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
MO2	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
MO3	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
H1	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
H2	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
H3	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
C1	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
C2	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
C3	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
W1	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
W2	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
W3	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
FA1	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
FA2	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope
FA3	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope



FallTech Test Report

Test Report No.	PC-1143	Rpt. Date	6/28/2017	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.15-2014 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5, 4.3.1, 4.3.2				
Part No.	8388	Part No. Revision	A				
Part Description	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope						
Test Request No.	PC-1143	Date Complete	6/28/2017				

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.15-2014 4.2.1	Functional Travel	Travel 10' Down & 10' Up without assistance	Traveled without assistance	Pass
	Travel Speed	≥ 1' per Second	5 Seconds	Pass
ANSI Z359.15-2014 4.2.1	Functional Travel	Travel 10' Down & 10' Up without assistance	Traveled without assistance	Pass
	Travel Speed	≥ 1' per Second	5 Seconds	Pass
ANSI Z359.15-2014 4.2.1	Functional Travel	Travel 10' Down & 10' Up without assistance	Traveled without assistance	Pass
	Travel Speed	≥ 1' per Second	5 Seconds	Pass
ANSI Z359.15-2014 4.2.2	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	116.4"	Fail
	Max Arrest Force	≤ 1800 Lbf	996.7 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	760.7 Lbf	Pass
ANSI Z359.15-2014 4.2.2	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	110.4"	Fail
	Max Arrest Force	≤ 1800 Lbf	1076.2 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	785.5 Lbf	Pass
ANSI Z359.15-2014 4.2.2	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	116.7"	Pass
	Max Arrest Force	≤ 1800 Lbf	948.7 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	766.8 Lbf	Pass



FallTech Test Report

Test Report No.	PC-1143	Rpt. Date	6/28/2017	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.15-2014 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5, 4.3.1, 4.3.2				
Part No.	8388	Part No. Revision	A				
Part Description	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope						
Test Request No.	PC-1143	Date Complete	6/28/2017				

Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.15-2014 4.2.3	Static Strength	≥ 660 Lbf	680.0 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
	Slippage	≥ 4 "	0.0"	Pass
	Static Strength	≥ 1800 Lbf	1818.7 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.15-2014 4.2.3	Static Strength	≥ 660 Lbf	683.0 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
	Slippage	≥ 4 "	0.0"	Pass
	Static Strength	≥ 1800 Lbf	1822.6 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.15-2014 4.2.3	Static Strength	≥ 660 Lbf	682.4 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
	Slippage	≥ 4 "	0.0"	Pass
	Static Strength	≥ 1800 Lbf	1838.9 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.15-2014 4.2.4	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	112.7"	Pass
	Max Arrest Force	≤ 1800 Lbf	1012.6 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	778.2 Lbf	Pass
ANSI Z359.15-2014 4.2.4	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	109.2"	Pass
	Max Arrest Force	≤ 1800 Lbf	1106.2 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	776.2 Lbf	Pass
ANSI Z359.15-2014 4.2.4	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	105.8"	Pass
	Max Arrest Force	≤ 1800 Lbf	1084.0 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	777.4 Lbf	Pass



FallTech Test Report

Test Report No.	PC-1143	Rpt. Date	6/28/2017	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.15-2014 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5, 4.3.1, 4.3.2				
Part No.	8388	Part No. Revision	A				
Part Description	3' SAL w/Fall Arrester/Grab 6' Wrap Pack tested with 8150 Rope						
Test Request No.	PC-1143	Date Complete	6/28/2017				

Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.15-2014 4.2.5.1	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	115.2"	Pass
	Max Arrest Force	≤ 1800 Lbf	1213.5 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	780.0 Lbf	Pass
ANSI Z359.15-2014 4.2.5.1	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	118.4"	Pass
	Max Arrest Force	≤ 1800 Lbf	1047.5 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	750.7 Lbf	Pass
ANSI Z359.15-2014 4.2.5.1	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	115.5"	Pass
	Max Arrest Force	≤ 1800 Lbf	1153.0 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	749.4 Lbf	Pass
ANSI Z359.15-2014 4.2.5.2	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	104.3"	Pass
	Max Arrest Force	≤ 1800 Lbf	1080.9 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	854.7 Lbf	Pass
ANSI Z359.15-2014 4.2.5.2	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	103.9"	Pass
	Max Arrest Force	≤ 1800 Lbf	1060.5 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	871.5 Lbf	Pass
ANSI Z359.15-2014 4.2.5.2	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	105.6"	Pass
	Max Arrest Force	≤ 1800 Lbf	1108.6 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	866.1 Lbf	Pass



FallTech Test Report

Test Report No.	PC-1143	Rpt. Date	6/28/2017	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.15-2014 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5, 4.3.1, 4.3.2				
Part No.	8388	Part No. Revision	A				
Part Description	3' SAL w/Fall Arrestor/Grab 6' Wrap Pack tested with 8150 Rope						
Test Request No.	PC-1143	Date Complete	6/28/2017				

Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.15-2014 4.2.5.3	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	107.0"	Pass
	Max Arrest Force	≤ 1800 Lbf	1092.0 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	802.0 Lbf	Pass
ANSI Z359.15-2014 4.2.5.3	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	104.8"	Pass
	Max Arrest Force	≤ 1800 Lbf	928.4 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	763.9 Lbf	Pass
ANSI Z359.15-2014 4.2.5.3	Lock and Hold	≥ 1 Minute	1 Minute	Pass
	Arrest Distance	≤ 132"	113.8"	Pass
	Max Arrest Force	≤ 1800 Lbf	1096.7 Lbf	Pass
	Avg Arrest Force	≤ 900 Lbf	805.7 Lbf	Pass
ANSI Z359.13-2013 4.3.2	Static Strength	≥ 3600 Lbf	3626.5 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.13-2013 4.3.2	Static Strength	≥ 3600 Lbf	3622.5 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass
ANSI Z359.13-2013 4.3.2	Static Strength	≥ 3600 Lbf	3624.2 Lbf	Pass
	Hold	≥ 1 Minute	1 Minute	Pass

Conclusion

FallTech P/N 8388 Rev. A 3' SAL w/Fall Arrestor/Grab meets the requirements of ANSI Z359.15-2014

Report Signatories and Approval

Lab Quality Manager		Date	6/28/2017
---------------------	---	------	-----------

Witnessed by		Date	7-3-17
--------------	---	------	--------

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.

February 26, 2018

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

Attention: Jay Sponholz
Quality Manager

Subject: **Attestation of Witnessing Testing**
Exova OCM Job # 380104-7
FallTech P.O.: OPEN
Report No.: PC-1143B
Base Part No. 301WTE
Description: 5/8" VLL Polyester Rope

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:
 - February 22, 2018
- Exova OCM Test Witness:
 - 2/22/2018 – Kevin Ton
- FallTech Test Operators:
 - Yesbet Sierra/Jay Sponholz
- Specification:

ANSI Z359.15-2014 Sections: 3.1.3, 4.3.1

- 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-1143B	2/22/2018	301WTE	5/8" VLL Polyester Rope	S1 S2 S3	Pass

Test Witness Signature: Kevin Ton	<i>(Signed for and on behalf of Exova-OCM)</i> 	
---	---	--

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 No.	PC-1143b	Rpt. Date	2/23/2018	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.15-2014 3.1.3 and 4.3.1				
Part No.	301WTE	Part No. Revision	A				
Part Description	5/8" VLL Polyester Rope						
Test Request No.	PC-1143b	Date Complete	2/22/2018				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
S1	5/8" VLL Polyester Rope
S2	5/8" VLL Polyester Rope
S3	5/8" VLL Polyester Rope




Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.15-2014 3.1.3 / 4.3.1	Max Elongation @ 1800 lbs	≥ 10%	9.4% under 1818.8 Lbf
	Static Strength	≥ 5000 Lbf	5023.0 Lbf
	Hold	≥ 1 Minute	1 Minute
ANSI Z359.15-2014 3.1.3 / 4.3.1	Max Elongation @ 1800 lbs	≥ 10%	7.5% under 1817.7 Lbf
	Static Strength	≥ 5000 Lbf	5024.9 Lbf
	Hold	≥ 1 Minute	1 Minute
ANSI Z359.15-2014 3.1.3 / 4.3.1	Max Elongation @ 1800 lbs	≥ 10%	8.8% under 1814.4 Lbf
	Static Strength	≥ 5000 Lbf	5027.7 Lbf
	Hold	≥ 1 Minute	1 Minute

Conclusion

Based upon the samples provided to the Lab:
 FallTech P/N 301WTE 5/8" VLL Polyester Rope meets the requirements of ANSI Z359.15-2014
 This Report prepared as a supplement to PC-1143 (3' SAL w/Fall Arrester/Grab)

Report Signatories and Approval

Lab Quality Manager		Date	2/23/2018
Witnessed by	Kevin Ton  	Date	2/26/2018

