

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 #

D0518030a

Declaration Date

5.10.18

Tested Item #

7232CLE

30' DuraTech Self-Retracting Device, Leading Edge

Additional Items Conforming Under this Declaration:

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-1408

Authorized Signature

Name _____ Mark Sasaki

Title _____ Director of Engineering

Date _____ 5.14.18



Element Materials Technology
3883 East Eagle Drive,
Anaheim, CA 92807

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May 10, 2018

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

Attention: Jay Sponholz
Quality Manager

Subject: **Attestation of Witnessing Testing**

Element Job #	380586-3
FallTech P.O.:	OPEN
Report No.:	PC-1408
Base Part No.	7232CLE
Description:	30' DuraTech Leading Edge SRD

Dear Mr. Sponholz:

The purpose of this attestation is to attest to the fact that a representative of Element 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 1, 2018, May 3, 2018, and May 8, 2018
- Element Test Witness:
 - 5/1/18, 5/3/2018 & 5/8/2018– Kevin Ton
- FallTech Test Operators:
 - Yesbet Sierra/Jay Sponholz/Sara Martinez
- Specification:

ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3

- Equipment Calibration Interval
 - 1 year, except weights which are 5 years

Attached to this attestation is the test report generated by FallTech Testing Laboratory. Element 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-1408	5/1/2018 5/3/2018 5/8/2018	7232CLE	30' DuraTech Leading Edge SRD	FT15906 FT15979 FT15910 FT15925 FT15911 FT15975 FT15566 FT16287 FT16023 FT15906 FT15979 FT15910 FT15913 FT15929 FT15912 FT15904 FT15971 FT15932 FT15924 FT15986 FT15969 FT15950 FT15928 FT15979 FT15951 FT15935 FT15920 FT15906 FT15979 FT15910	Pass

Test Witness Signature: Kevin Ton	(Signed for and on behalf of Element)  
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This attestation shall not be reproduced except in full, without the written approval of Element-Anaheim. The laboratory has witnessed the testing the material / items supplied by the client as sampled by the client. The testing is not within Element-Anaheim's L.A.B scope of testing and was not performed at Element-Anaheim.



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

FallTech Testing Laboratory
Attestation Number: 380586-3
Revision Letter: Original
Page 2 of 2

FallTech Test Report

Test Report No.	PC-1408	Rpt. Date	5/9/2018	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3				
Part No.	7232CLE			Part No. Revision		C	
Part Description	30' DuraTech Leading Edge SRD						
Test Request No.	PC-1408			Date Complete		5/8/2018	
Test Operator(s)	Sara Martinez / Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
FT15906	30' DuraTech Leading Edge SRD
FT15979	30' DuraTech Leading Edge SRD
FT15910	30' DuraTech Leading Edge SRD
FT15925	30' DuraTech Leading Edge SRD
FT15911	30' DuraTech Leading Edge SRD
FT15975	30' DuraTech Leading Edge SRD
FT15566	30' DuraTech Leading Edge SRD
FT16287	30' DuraTech Leading Edge SRD
FT16023	30' DuraTech Leading Edge SRD
FT15906	30' DuraTech Leading Edge SRD
FT15979	30' DuraTech Leading Edge SRD
FT15910	30' DuraTech Leading Edge SRD
FT15913	30' DuraTech Leading Edge SRD
FT15929	30' DuraTech Leading Edge SRD
FT15912	30' DuraTech Leading Edge SRD

FallTech Test Report

Test Report No.	PC-1408	Rpt. Date	5/9/2018	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)		ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3			
Part No.	7232CLE			Part No. Revision		C	
Part Description	30' DuraTech Leading Edge SRD						
Test Request No.	PC-1408			Date Complete		5/8/2018	

Material/Sample Identification (Continued)

Sample ID	Description
FT15904	30' DuraTech Leading Edge SRD
FT15971	30' DuraTech Leading Edge SRD
FT15932	30' DuraTech Leading Edge SRD
FT15924	30' DuraTech Leading Edge SRD
FT15986	30' DuraTech Leading Edge SRD
FT15969	30' DuraTech Leading Edge SRD
FT15950	30' DuraTech Leading Edge SRD
FT15928	30' DuraTech Leading Edge SRD
FT15979	30' DuraTech Leading Edge SRD
FT15951	30' DuraTech Leading Edge SRD
FT15935	30' DuraTech Leading Edge SRD
FT15920	30' DuraTech Leading Edge SRD
FT15906	30' DuraTech Leading Edge SRD
FT15979	30' DuraTech Leading Edge SRD
FT15910	30' DuraTech Leading Edge SRD

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Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)		ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3			
Part No.	7232CLE			Part No. Revision		C	
Part Description	30' DuraTech Leading Edge SRD						
Test Request No.	PC-1408			Date Complete		5/8/2018	

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.1, 4.2.6	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	28.2"	Pass
	Max Arrest Force	≤ 1800 Lbf	1045.5 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	878.4 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	2.2 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	4.2 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	6.4 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	5.6 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	6.2 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	7.8 lbF	Pass



FallTech Test Report

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Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)		ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3			
Part No.	7232CLE			Part No. Revision		C	
Part Description	30' DuraTech Leading Edge SRD						
Test Request No.	PC-1408			Date Complete		5/8/2018	

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.1, 4.2.6	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	32.8"	Pass
	Max Arrest Force	≤ 1800 Lbf	1136.5 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	854.8 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	2.8 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	3.2 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	5.6 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	5.8 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	6.8 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	7.6 lbF	Pass

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Initiated By	Dan Redden	Test Specification(s)		ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3			
Part No.	7232CLE			Part No. Revision		C	
Part Description	30' DuraTech Leading Edge SRD						
Test Request No.	PC-1408			Date Complete		5/8/2018	

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.1, 4.2.6	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	31.8"	Pass
	Max Arrest Force	≤ 1800 Lbf	1241.5 lbf	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	883.5 lbf	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	2.8 lbf	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	3.8 lbf	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	4.8 lbf	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	5.4 lbf	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	6.8 lbf	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	7.4 lbf	Pass

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Initiated By	Dan Redden	Test Specification(s)		ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3			
Part No.	7232CLE			Part No. Revision		C	
Part Description	30' DuraTech Leading Edge SRD						
Test Request No.	PC-1408			Date Complete		5/8/2018	

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 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	1046.9 lbf	Pass
ANSI Z359.14-2014 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	1027.7 lbf	Pass
ANSI Z359.14-2014 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	1020.4 lbf	Pass
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3035.3 lbf	Pass
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3058.1 lbf	Pass
ANSI Z359.14-2014 4.2.5	Static Strength	≥ 3,000 Lbf for ≥ 60 Seconds	3036.2 lbf	Pass

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Part No.	7232CLE			Part No. Revision		C	
Part Description	30' DuraTech Leading Edge SRD						
Test Request No.	PC-1408			Date Complete		5/8/2018	

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.6	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	3.0 lbf	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	5.0 lbf	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	6.0 lbf	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	7.3 lbf	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	7.8 lbf	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	7.9 lbf	Pass
ANSI Z359.14-2014 4.2.6	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	3.3 lbf	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	5.0 lbf	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	5.5 lbf	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	6.0 lbf	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	6.8 lbf	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	7.5 lbf	Pass
ANSI Z359.14-2014 4.2.6	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	2.8 lbf	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	5.0 lbf	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	5.8 lbf	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	6.0 lbf	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	7.5 lbf	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 60" Extended	8.0 lbf	Pass



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Initiated By	Dan Redden	Test Specification(s)		ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3			
Part No.	7232CLE			Part No. Revision		C	
Part Description	30' DuraTech Leading Edge SRD						
Test Request No.	PC-1408			Date Complete		5/8/2018	

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.1 / 4.2.8.1	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	27.6"	Pass
	Max Arrest Force	≤ 1800 Lbf	995.7 lbf	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	782.9 lbf	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	3.0 lbf	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	3.8 lbf	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	4.8 lbf	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	6.0 lbf	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	7.2 lbf	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	7.0 lbf	Pass



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Initiated By	Dan Redden	Test Specification(s)		ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3			
Part No.	7232CLE			Part No. Revision		C	
Part Description	30' DuraTech Leading Edge SRD						
Test Request No.	PC-1408			Date Complete		5/8/2018	

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.1 / 4.2.8.2	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	28.0"	Pass
	Max Arrest Force	≤ 1800 Lbf	1322.0 lbf	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	959.9 lbf	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	2.2 lbf	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	3.2 lbf	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	5.0 lbf	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	6.0 lbf	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	7.2 lbf	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	7.4 lbf	Pass



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Initiated By	Dan Redden	Test Specification(s)		ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3			
Part No.	7232CLE			Part No. Revision		C	
Part Description	30' DuraTech Leading Edge SRD						
Test Request No.	PC-1408			Date Complete		5/8/2018	

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.1 / 4.2.8.3	Arrest Distance	Class A $\leq 24"$ Class B $\leq 54"$	30.8"	Pass
	Max Arrest Force	≤ 1800 Lbf	930.5 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	798.6 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	3.2 lbF	Pass
	Retraction Tension 20% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	4.2 lbF	Pass
	Retraction Tension 40% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	6.2 lbF	Pass
	Retraction Tension 60% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	7.0 lbF	Pass
	Retraction Tension 80% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	7.6 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf $\leq 60"$ Extended	7.4 lbF	Pass
ANSI Z359.14-2014 4.2.2 (Perpendicular) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	61.7"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1306.2 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	822.4 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1042.0 lbF	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass

FallTech Test Report

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Part No.	7232CLE			Part No. Revision		C	
Part Description	30' DuraTech Leading Edge SRD						
Test Request No.	PC-1408			Date Complete		5/8/2018	

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.2 (Perpendicular) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	55.4"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1170.7 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	823.5 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1026.8 lbF	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass
ANSI Z359.14-2014 4.2.2 (Perpendicular) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	65.8"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1108.8 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	820.6 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1031.2 lbF	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass

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Part No.	7232CLE			Part No. Revision		C	
Part Description	30' DuraTech Leading Edge SRD						
Test Request No.	PC-1408			Date Complete		5/8/2018	

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.2 (Lateral Offset) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	82.4"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1215.0 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	816.7 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1033.4 lbF	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass
ANSI Z359.14-2014 4.2.2 (Lateral Offset) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	84.8"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1190.3 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	819.6 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1031.5 lbF	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass

FallTech Test Report

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Part No.	7232CLE			Part No. Revision		C	
Part Description	30' DuraTech Leading Edge SRD						
Test Request No.	PC-1408			Date Complete		5/8/2018	

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.2 (Lateral Offset) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	85.2"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1090.0 lbF	Pass
	Avg Arrest Force	Class A ≤ 1350 Lbf Class B ≤ 900 Lbf	818.2 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1030.8 lbF	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass
ANSI Z359.14-2014 4.2.2 / 4.2.8.1 (Perpendicular) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	73.3"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1429.3 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	864.9 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1028.8 lbF	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass

FallTech Test Report

Test Report No.	PC-1408	Rpt. Date	5/9/2018	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)		ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3			
Part No.	7232CLE			Part No. Revision		C	
Part Description	30' DuraTech Leading Edge SRD						
Test Request No.	PC-1408			Date Complete		5/8/2018	

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.2 / 4.2.8.1 (Lateral Offset) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	95.6"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1657.1 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	875.9 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1035.8 lbF	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass
ANSI Z359.14-2014 4.2.2 / 4.2.8.2 (Perpendicular) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	59.2"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1255.1 lbF	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	923.8 lbF	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1023.8 lbF	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass

FallTech Test Report

Test Report No.	PC-1408	Rpt. Date	5/9/2018	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)		ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3			
Part No.	7232CLE			Part No. Revision		C	
Part Description	30' DuraTech Leading Edge SRD						
Test Request No.	PC-1408			Date Complete		5/8/2018	

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.2 / 4.2.8.2 (Lateral Offset) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	77.9"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1440.6 lbf	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	922.1 lbf	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1075.0 lbf	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass
ANSI Z359.14-2014 4.2.2 / 4.2.8.3 (Perpendicular) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	66.4"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1284.7 lbf	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	832.1 lbf	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1026.2 lbf	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass

FallTech Test Report

Test Report No.	PC-1408	Rpt. Date	5/9/2018	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)		ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3			
Part No.	7232CLE			Part No. Revision		C	
Part Description	30' DuraTech Leading Edge SRD						
Test Request No.	PC-1408			Date Complete		5/8/2018	

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 4.2.2 / 4.2.8.3 (Lateral Offset) w/ 300 lb. and 2 min swing option	Arrest Distance	Not Applicable	84.5"	For Fall Clearance Guidelines
	Max Arrest Force	≤ 1800 Lbf	1110.8 lbf	Pass
	Avg Arrest Force	Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf	821.4 lbf	Pass
	Load Indicator	Clear evidence of Activation	Clear Activation	Pass
	Line Constituent Strength	≥ 1000 Lbf	1035.9 lbf	Pass
	Line Constituent Hold Force	≥ 1 Minute	1 minute	Pass
ANSI Z359.14-2014 4.2.7	Horizontal Retraction	Controlled Retraction at 2 - 5 feet per second without stopping	No Hesitation in Retraction	Pass
ANSI Z359.14-2014 4.2.7	Horizontal Retraction	Controlled Retraction at 2 - 5 feet per second without stopping	No Hesitation in Retraction	Pass
ANSI Z359.14-2014 4.2.7	Horizontal Retraction	Controlled Retraction at 2 - 5 feet per second without stopping	No Hesitation in Retraction	Pass

FallTech Test Report

Test Report No.	PC-1408	Rpt. Date	5/9/2018	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)		ANSI Z359.14-2014: 3.1.5, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 4.2.6, 4.2.7, 4.2.8.1, 4.2.8.2, 4.2.8.3			
Part No.	7232CLE			Part No. Revision		C	
Part Description	30' DuraTech Leading Edge SRD						
Test Request No.	PC-1408			Date Complete		5/8/2018	

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2014 3.1.5	Corrosion Protection	Function as Intended: Pay out, Retract and Lock	See Exova Report # 371777	Pass
	Corrosion Protection	Corrosion that could result in failure	See Exova Report # 371777	Pass

Conclusion

Based upon the samples provided to the Lab:
 FallTech P/N 7232CLE Rev. C meets the requirements of ANSI Z359.14-2014.

Report Signatories and Approval

Lab Quality Manager		Date	5/9/2018
Witnessed by	Kevin Ton 	Date	5/10/2018

