

# Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014 and ANSI/ASSP Z359.7-2019



Alexander Andrew, Inc. 1306 S. Alameda St Compton, CA 90221 (800) 719-4619

Declaration #

D0520039

Declaration Date

05.06.20

Tested Item #

7297T

60' Technora Rope Personnel Winch

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 product standard(s):

ANSI Z359.4-2013

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-1855

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

05.06.20



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FallTech Lab - TL-594  
ISO/IEC 17025:2005  
Alexander Andrew Inc dba FallTech

### FallTech Test Report

<b>Test Report No.</b>	PC-1855	<b>Rpt. Date</b>	5/4/2020	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	ANSI Z359.4-2013: 4.3.2; 4.3.6				
<b>Part No.</b>	7297T	<b>Part No. Revision</b>	A				
<b>Part Description</b>	Personnel Winch						
<b>Test Request No.</b>	PC-1855	<b>Date Complete</b>	5/1/2020				
<b>Test Operator(s)</b>	Oscar Jaramillo / Jay Sponholz						

### Material/Sample Identification

Sample ID	Description
SSLT1	Personnel Winch
SSLT2	Personnel Winch
SSLT3	Personnel Winch
5432240	Personnel Winch
5432241	Personnel Winch
5432242	Personnel Winch
5432240	Personnel Winch
5432241	Personnel Winch
5432242	Personnel Winch
5432239	Personnel Winch
5432244	Personnel Winch
5432247	Personnel Winch
5432240	Personnel Winch
5432241	Personnel Winch
5432242	Personnel Winch
5432239	Personnel Winch
5432244	Personnel Winch
5432247	Personnel Winch
5432240	Personnel Winch
5432241	Personnel Winch
5432242	Personnel Winch



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<b>Test Request No.</b>	PC-1855	<b>Date Complete</b>	5/1/2020				

### Material/Sample Identification (Continued)

Sample ID	Description
5432239	Personnel Winch
5432244	Personnel Winch
5432247	Personnel Winch
5432238	Personnel Winch
5432243	Personnel Winch
5432245	Personnel Winch
5432240	Personnel Winch
5432242	Personnel Winch
5432241	Personnel Winch

### Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.4-2013 4.3.6.1	Static Strength	≥ 3100 Lbf	3219.1 lbF	Pass
	Maintain load	≥ 1 Minute	1 Minute	Pass
ANSI Z359.4-2013 4.3.6.1	Static Strength	≥ 3100 Lbf	3227.8 lbF	Pass
	Maintain load	≥ 1 Minute	1 Minute	Pass
ANSI Z359.4-2013 4.3.6.1	Static Strength	≥ 3100 Lbf	3219.1 lbF	Pass
	Maintain load	≥ 1 Minute	1 Minute	Pass



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<b>Test Request No.</b>	PC-1855	<b>Date Complete</b>	5/1/2020				

#### Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.4-2013 4.3.6.2	Static Strength	≥ 1240 Lbf	1301.5 lbF	Pass
	Maintain load	≥ 1 Minute	1 Minute	Pass
	Static Strength	≥ 1240 Lbf	1319.8 lbF	Pass
	Maintain load	≥ 1 Minute	1 Minute	Pass
	Slippage (Post Static)	Raise / Lower without slippage	No Slippage	Pass
	Primary Brake (Post Static)	< 4" travel when control released Average of 3 readings	0.0"	Pass
ANSI Z359.4-2013 4.3.6.2	Static Strength	≥ 1240 Lbf	1300.6 lbF	Pass
	Maintain load	≥ 1 Minute	1 Minute	Pass
	Static Strength	≥ 1240 Lbf	1296.6 lbF	Pass
	Maintain load	≥ 1 Minute	1 Minute	Pass
	Slippage (Post Static)	Raise / Lower without slippage	No Slippage	Pass
	Primary Brake (Post Static)	< 4" travel when control released Average of 3 readings	0.0"	Pass
ANSI Z359.4-2013 4.3.6.2	Static Strength	≥ 1240 Lbf	1312.9 lbF	Pass
	Maintain load	≥ 1 Minute	1 Minute	Pass
	Static Strength	≥ 1240 Lbf	1320.6 lbF	Pass
	Maintain load	≥ 1 Minute	1 Minute	Pass
	Slippage (Post Static)	Raise / Lower without slippage	No Slippage	Pass
	Primary Brake (Post Static)	< 4" travel when control released Average of 3 readings	0.0"	Pass



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<b>Part Description</b>	Personnel Winch						
<b>Test Request No.</b>	PC-1855	<b>Date Complete</b>	5/1/2020				

### Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.4-2013 4.3.6.3	Force to Raise	≤ 30.0 Lbf Average of 3 readings	18.5 lbF	Pass
	Force to Lower	≤ 30.0 Lbf Average of 3 readings	3.0 lbF	Pass
ANSI Z359.4-2013 4.3.6.3	Force to Raise	≤ 30.0 Lbf Average of 3 readings	18.6 lbF	Pass
	Force to Lower	≤ 30.0 Lbf Average of 3 readings	4.4 lbF	Pass
ANSI Z359.4-2013 4.3.6.3	Force to Raise	≤ 30.0 Lbf Average of 3 readings	16.3 lbF	Pass
	Force to Lower	≤ 30.0 Lbf Average of 3 readings	6.7 lbF	Pass
ANSI Z359.4-2013 4.3.6.3 / 4.3.2.1	Force to Raise	≤ 30.0 Lbf Average of 3 readings	17.4 lbF	Pass
	Force to Lower	≤ 30.0 Lbf Average of 3 readings	4.0 lbF	Pass
ANSI Z359.4-2013 4.3.6.3 / 4.3.2.2	Force to Raise	≤ 30.0 Lbf Average of 3 readings	17.7 lbF	Pass
	Force to Lower	≤ 30.0 Lbf Average of 3 readings	3.7 lbF	Pass
ANSI Z359.4-2013 4.3.6.3 / 4.3.2.3	Force to Raise	≤ 30.0 Lbf Average of 3 readings	15.3 lbF	Pass
	Force to Lower	≤ 30.0 Lbf Average of 3 readings	3.0 lbF	Pass



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<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	ANSI Z359.4-2013: 4.3.2; 4.3.6				
<b>Part No.</b>	7297T	<b>Part No. Revision</b>	A				
<b>Part Description</b>	Personnel Winch						
<b>Test Request No.</b>	PC-1855	<b>Date Complete</b>	5/1/2020				

### Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.4-2013 4.3.6.4	Slippage	Raise / Lower without slippage	No Slippage	Pass
ANSI Z359.4-2013 4.3.6.4	Slippage	Raise / Lower without slippage	No Slippage	Pass
ANSI Z359.4-2013 4.3.6.4	Slippage	Raise / Lower without slippage	No Slippage	Pass
ANSI Z359.4-2013 4.3.6.4 / 4.3.2.1	Slippage	Raise / Lower without slippage	No Slippage	Pass
ANSI Z359.4-2013 4.3.6.4 / 4.3.2.2	Slippage	Raise / Lower without slippage	No Slippage	Pass
ANSI Z359.4-2013 4.3.6.4 / 4.3.2.3	Slippage	Raise / Lower without slippage	No Slippage	Pass
ANSI Z359.4-2013 4.3.6.5	Primary Brake	< 4" travel when control released Average of 3 readings	0.0"	Pass
ANSI Z359.4-2013 4.3.6.5	Primary Brake	< 4" travel when control released Average of 3 readings	0.0"	Pass
ANSI Z359.4-2013 4.3.6.5	Primary Brake	< 4" travel when control released Average of 3 readings	0.0"	Pass
ANSI Z359.4-2013 4.3.6.5 / 4.3.2.1	Primary Brake	< 4" travel when control released Average of 3 readings	0.0"	Pass
ANSI Z359.4-2013 4.3.6.5 / 4.3.2.2	Primary Brake	< 4" travel when control released Average of 3 readings	0.0"	Pass
ANSI Z359.4-2013 4.3.6.5 / 4.3.2.3	Primary Brake	< 4" travel when control released Average of 3 readings	0.0"	Pass



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<b>Part Description</b>	Personnel Winch						
<b>Test Request No.</b>	PC-1855	<b>Date Complete</b>	5/1/2020				


### Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.4-2013 4.3.6.9	Secondary Brake < 24" travel when control released	13.3"	Pass
ANSI Z359.4-2013 4.3.6.9	Secondary Brake < 24" travel when control released	16.0"	Pass
ANSI Z359.4-2013 4.3.6.9	Secondary Brake < 24" travel when control released	11.3"	Pass
ANSI Z359.4-2013 4.3.6.9 / 4.3.2.1	Secondary Brake < 24" travel when control released	11.5"	Pass
ANSI Z359.4-2013 4.3.6.9 / 4.3.2.2	Secondary Brake < 24" travel when control released	16.0"	Pass
ANSI Z359.4-2013 4.3.6.9 / 4.3.2.3	Secondary Brake < 24" travel when control released	9.1"	Pass

### Conclusion

Based upon the samples provided to the Lab:  
 FallTech P/N 7297T Rev. A meets the requirements of ANSI Z359.4-2013.

### Report Signatories and Approval

Lab Quality Manager		Date	5/4/2020
Witnessed by	Not Required	Date	N/A

