

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 #

DC0829014

Declaration Date

8/29/2024

Tested Item # **723730LE CT-R SRL, Class 2 Leading Edge, 30'**

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):

CSA Z259.2.2-2017

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-3086

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

8/29/2024



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FallTech Lab - TL-594
ISO/IEC 17025:2017

Alexander Andrew Inc dba FallTech

FallTech Test Report

Test Report No.	PC-3086	Rpt. Date	8/21/2024	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Zachary Winters	Test Specification(s)	CSA Z259.2.2-2017: 7.1, 7.2, 7.3, 7.4, 7.6, 7.7, 7.8				
Part No.	723730LE	Part No. Revision	A				
Part Description	CT-R SRL Class 2 Leading Edge, 30'						
Test Request No.	PC-3086	Date Complete	6/20/2024				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
FT76890	CT-R SRL Class 2 Leading Edge, 30'
FT76878	CT-R SRL Class 2 Leading Edge, 30'
FT76847	CT-R SRL Class 2 Leading Edge, 30'
FT76853	CT-R SRL Class 2 Leading Edge, 30'
FT76837	CT-R SRL Class 2 Leading Edge, 30'
FT76886	CT-R SRL Class 2 Leading Edge, 30'
FT76885	CT-R SRL Class 2 Leading Edge, 30'
FT76844	CT-R SRL Class 2 Leading Edge, 30'
FT76672	CT-R SRL Class 2 Leading Edge, 30'
FT76855	CT-R SRL Class 2 Leading Edge, 30'
FT76830	CT-R SRL Class 2 Leading Edge, 30'

Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail	
CSA Z259.2.2-2017 7.1.2	Retraction Tension 0% Extracted	1.0 Lbf - 20 Lbf	2.4 lbF	Pass
	Retraction Tension 20% Extracted	1.0 Lbf - 20 Lbf	2.9 lbF	Pass
	Retraction Tension 40% Extracted	1.0 Lbf - 20 Lbf	3.8 lbF	Pass
	Retraction Tension 60% Extracted	1.0 Lbf - 20 Lbf	4.0 lbF	Pass
	Retraction Tension 80% Extracted	1.0 Lbf - 20 Lbf	5.4 lbF	Pass
	Retraction Tension 100% Extracted	1.0 Lbf - 20 Lbf	5.7 lbF	Pass
CSA Z259.2.2-2017 7.6.2	Locking	Lock and Hold Load	Hold for 1 minute	Pass
	Max Arrest Force	Information only	1239.5 lbF	Information only
	Arrest Distance	≤ 36"	32.1"	Pass
CSA Z259.2.2-2017 7.4.2	Static Strength	≥ 2990 Lbf for ≥ 60 Seconds	3014.3 lbF	Pass

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Test Summary Continued

Test Specification	Test Criteria	Test Result	Pass/Fail
CSA Z259.2.2-2017 7.2.3.1 Ambient	Fall Arrest	Lock and Hold	Remained Locked
	Max Arrest Force	≤ 1800 Lbf	1285.1 lbF
	Avg Arrest Force	Information only	894.8 lbF
	Arrest Distance	≤ 47"	22.2"
	Post Fall Operation	Lock and pay line	Lock and pay
	Braking Capacity	Maintain > 25%	> 50%
CSA Z259.2.2-2017 7.2.3.1 / 7.2.3.3 Cold	Fall Arrest	Lock and Hold	Remained Locked
	Max Arrest Force	≤ 1800 Lbf	1377.9 lbF
	Avg Arrest Force	Information only	975.7 lbF
	Arrest Distance	≤ 47"	19.6"
	Post Fall Operation	Lock and pay line	Lock and pay
	Braking Capacity	Maintain > 25%	> 50%
CSA Z259.2.2-2017 7.2.3.1 / 7.2.3.4 Hot	Fall Arrest	Lock and Hold	Remained Locked
	Max Arrest Force	≤ 1800 Lbf	1304.1 lbF
	Avg Arrest Force	Information only	825.9 lbF
	Arrest Distance	≤ 47"	24.2"
	Post Fall Operation	Lock and pay line	Lock and pay
	Braking Capacity	Maintain > 25%	> 50%
CSA Z259.2.2-2017 7.2.3.1 / 7.2.3.5 Post Salt Spray	Fall Arrest	Lock and Hold	Remained Locked
	Max Arrest Force	≤ 1800 Lbf	1175.6 lbF
	Avg Arrest Force	Information only	942.3 lbF
	Arrest Distance	≤ 47"	27.1"
	Post Fall Operation	Lock and pay line	Lock and pay
	Braking Capacity	Maintain > 25%	> 50%
CSA Z259.2.2-2017 7.8.3 Ambient	Fall Arrest	Test Mass shall not hit the ground	Did not hit
	Max Arrest Force	≤ 1800 Lbf	1248.0 lbF
	Avg Arrest Force	Information only	950.2 lbF
	Arrest Distance	Information only	48.0"
	Performance Factor	≥ 1.8	2.96
	Avg Deploy Force	≤ 1349 Lbf	913.4 Lbf
	Post Fall Creep	≤ 4"	0.0"
	Post Fall Operation	Lock and pay line	Lock and pay

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Test Summary Continued

Test Specification	Test Criteria	Test Result	Pass/Fail
CSA Z259.2.2-2017 7.8.3 Cold	Fall Arrest	Test Mass shall not hit the ground	Did not hit
	Max Arrest Force	≤ 1800 Lbf	1421.6 lbF
	Avg Arrest Force	Information only	983.0 lbF
	Arrest Distance	Information only	41.7"
	Performance Factor	≥ 1.8	3.25
	Avg Deploy Force	≤ 1349 Lbf	1008.8 Lbf
	Post Fall Creep	≤ 4 "	0.1"
	Post Fall Operation	Lock and pay line	Lock and pay
CSA Z259.2.2-2017 7.8.3 Hot	Fall Arrest	Test Mass shall not hit the ground	Did not hit
	Max Arrest Force	≤ 1800 Lbf	1315.4 lbF
	Avg Arrest Force	Information only	949.2 lbF
	Arrest Distance	Information only	53.1"
	Performance Factor	≥ 1.8	2.77
	Avg Deploy Force	≤ 1349 Lbf	858.8 Lbf
	Post Fall Creep	≤ 4 "	0.2"
	Post Fall Operation	Lock and pay line	Lock and pay
CSA Z259.2.2-2017 7.8.5.3 Post Salt Spray	Fall Arrest	Test Mass shall not hit the ground	Did not hit
	Max Arrest Force	≤ 1800 Lbf	1325.9 lbF
	Avg Arrest Force	Information only	935.0 lbF
	Arrest Distance	Information only	45.7"
	Performance Factor	≥ 1.8	3.06
	Avg Deploy Force	≤ 1349 Lbf	947.6 Lbf
	Post Fall Creep	≤ 4 "	0.0"
	Post Fall Operation	Lock and pay line	Lock and pay

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Test Summary Continued

Test Specification	Test Criteria	Test Result	Pass/Fail
CSA Z259.2.2-2017 7.7.3.2 Perpendicular Cold	Fall Arrest	Test Mass shall not hit the ground	Did not hit
	Max Arrest Force	≤ 1800 Lbf	1462.7 lbF
	Avg Arrest Force	Information only	961.9 lbF
	Arrest Distance	Information only	98.9"
	Performance Factor	≥ 1.8	2.50
	Avg Deploy Force	≤ 1350 Lbf	764.9 Lbf
	Post Fall Operation	Lock until released	Locked
CSA Z259.2.2-2017 7.7.3.3 Lateral Offset Cold	Fall Arrest	Test Mass shall not hit the ground	Did not hit
	Max Arrest Force	≤ 1800 Lbf	1390.8 lbF
	Avg Arrest Force	Information only	767.1 lbF
	Arrest Distance	Information only	93.1"
	Post Fall Operation	Lock until released	Locked

Conclusion

Based upon the samples provided to the Lab:
 FallTech P/N 72730LE Rev. A meets the requirements of CSA Z259.2.2-2017

Report Signatories and Approval

Lab Quality Manager		Date	8/21/2024
Witnessed by	Bob Howey (Element) 	Date	8/22/24

End of Report