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3933 US Route 11
Cortland, New York ,USA
13045

TEST REPORT FOR LONDON FALL PROTECTION

Report No.: 104167245CRT-001a

Date: November 27th 2019

Telephone: 607-758-6246
Facsimile: None
www.intertek.com

Doug Corum
London Fall Protection
1731 Price Grange Road, Stoneville NC
27048, USA
Doug@londongarmentmfg.com

Report Number..... 104167245CRT-001a

Signed Quote Number..... Qu-01032997

PO Number.....: 112519L

Name of Testing Laboratory
Preparing the Report Intertek Testing Services NA Inc.

Test Specification:

Standard..... ANSI/ASSP Z359.13-2013

Date(s) of Testing..... 11/25/19 – 11/26/19

Product Description:

Product Type: 6' EAL

Brand Name: LFP

Model Number(s): Strong Arm

Date(s) Samples Received 11/22/19

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

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Date: November 27th 2019**SECTION 1****SUMMARY OF TESTING**

TESTS COMPLETED	ANSI/ASSP Z359.13-2013 CLAUSE	STATUS
Design	3	PASS
Activation Force	4.2	PASS
Dynamic Performance – Ambient Wet	4.13.1	PASS
Dynamic Performance – Cold Dry	4.13.2	PASS
Dynamic Performance – Hot Dry	4.13.3	PASS
Static Strength	4.7	PASS
Dynamic Performance – Ambient	4.5	PASS
Markings and Instructions	5	PASS

SECTION 2

This test report concludes the work anticipated in the testing phase of your project. If there are any questions regarding this report please contact the undersigned at 607-753-6711.

COMPLETED BY:	Theodore Brown	REVIEWED BY:	Matthew Stevens
TITLE:	Technician	TITLE:	Reviewer
SIGNATURE:		SIGNATURE:	
DATE:	11/27/19	DATE:	11/27/19

Please see attached test data for details.

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3.2.2	Terminations		PASS																																																																																																												
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3.2.2.4	Terminations (other)		PASS																																																																																																												
3.2.3	EAL Connectors		PASS																																																																																																												
4.2	<p>Activation Force Testing of PEA's Apply 10 lb load and measure bearing pt to bearing pt, apply static force of 450 lbs minimum, hold for no less than 1 minute, examine for activation, release load, allow sample to recover un-tensioned for 1 hour , then re-measure with 10-lb load, shall not activate or elongate > 2-inches.</p> <table border="1"> <tr> <td>6 ft FF:</td> <td>X</td> <td>Sample: 1</td> <td>Sample: 2</td> <td>Sample: 3</td> <td></td> </tr> <tr> <td>12 ft FF:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Signs of Activation:</td> <td></td> <td>NO</td> <td>NO</td> <td>NO</td> <td></td> </tr> <tr> <td>Length, initial:</td> <td></td> <td>75 3/4"</td> <td>76"</td> <td>75 1/2"</td> <td>Inches</td> </tr> <tr> <td>Length, final:</td> <td></td> <td>77 1/4"</td> <td>77 1/2"</td> <td>77 1/4"</td> <td>Inches</td> </tr> <tr> <td>Elongation (Lf-Li):</td> <td></td> <td>1 1/2"</td> <td>1 1/2"</td> <td>1 3/4"</td> <td>Inches</td> </tr> </table>	6 ft FF:	X	Sample: 1	Sample: 2	Sample: 3		12 ft FF:						Signs of Activation:		NO	NO	NO		Length, initial:		75 3/4"	76"	75 1/2"	Inches	Length, final:		77 1/4"	77 1/2"	77 1/4"	Inches	Elongation (Lf-Li):		1 1/2"	1 1/2"	1 3/4"	Inches		PASS																																																																								
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(4.6)	<p>Static Strength Testing</p> <p>Subject Lanyard to a force > 5,000 lbs-f for 1 minute. Time to reach load to be 3-minutes minimum.</p>	<table border="1"> <thead> <tr> <th colspan="5">Connection – central connector/ EAL leg</th> </tr> </thead> <tbody> <tr> <td>6 ft</td> <td>X</td> <td colspan="3">Sample:</td> </tr> <tr> <td>12 ft</td> <td></td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>Break</td> <td></td> <td>YES</td> <td>YES</td> <td>YES</td> </tr> <tr> <td>Broke at (lbs)</td> <td></td> <td>4431</td> <td>4672</td> <td>4298</td> </tr> </tbody> </table>	Connection – central connector/ EAL leg					6 ft	X	Sample:			12 ft		1	2	3	Break		YES	YES	YES	Broke at (lbs)		4431	4672	4298	FAIL																																																																		
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SECTION (TEST)	REQUIREMENT	RESULTS	COMPLIANCE
5.2	Specific marking requirements		
5.2.1	PEA's and EAL's shall be marked with the following:		
	Marking	Comments	YES NO NA
	The fiber used in the material of construction		X
	The length		X
	The need to avoid contact with sharp edges and abrasive surfaces		X
	The need to make only compatible connections		X
	The maximum elongation		X
	Restriction, if, any, on the types of components, with which the PEL is designed to be used		X
	The Avg AF, Max FF distance , and capacity of the PEA on a separate label identical in size, color, and content as fig 17a and 17b		X
	6 ft FF PEA's shall be in black print on a contrasting white background, fig 17a		X
12 ft FF PEA's shall be in white print on a contrasting black background, fig 17b			X
5.3	General Instruction Requirements		
5.3.1	Instructions shall be in English, and affixed to the equipment at time of shipment from the manufacturer		PASS
5.3.2	Instructions shall contain the following information:		
	Instructions	Comments	YES NO NA
	A statement that the manufacturer's instructions shall be provided to the users		X
	Manufacturers name, address, and telephone number		X
	Manufacturer's part number and model designation for the equipment		X
	Intended use and purpose of the equipment		X
	Proper method of use and limitations on use of the equipment		X
	Illustrations showing locations of markings on the equipment		X
	Reproduction of printed information on all markings		X
	Inspection procedures required to assure the equipment is in serviceable condition and operating correctly		X
	Anchorage requirements		X
	An illustration of how to calculate free fall distances		X
	Criteria for discarding equipment which fails inspection		X
	Procedures for cleaning, maintenance, and storage		X
Reference to Z359.13		X	

TEST REPORT FOR LONDON FALL PROTECTION

Report No.: 104167245CRT-001a

Date: November 27th 2019

SECTION (TEST)	REQUIREMENT	RESULTS	COMPLIANCE
5.3.3	Instructions shall require that only the equipment manufacturer , or persons or entities authorized in writing by the manufacturer, shall make repairs to the equipment		PASS
5.3.4	Instructions shall require the user to remove equipment from field service if it has been subjected to the forces of arresting a fall		PASS

SECTION 5**REVISION HISTORY**

REPORT NUMBER	DATE OF REVISION	DESCRIPTION OF CHANGE:	PROJECT OWNER	REVIEWED BY
104167245CRT-001a	11/27/19	Original	Theodore Brown	Matthew Stevens