

## Declaration of Conformity

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

Declaration #: DOC-UFR100XXX

Declaration Date: 05/21/2021

Item #: UFR100XXX

**Description:** KStrong® Vertical Polysteel Rope Lifeline, Locking Snap hook on anchor end, other end cut and taped

**Brand Name:** KStrong

**Manufacturer:** KStrong

**Address:** 18505 Intercontinental Crossing, Houston, TX 77073

**Additional Items Conforming  
Under this Declaration (If Applicable):**

UFR100025

UFR100050

UFR100100

UFR100200

UFR100500

KStrong declares that the product(s) listed above is in conformity with the requirements of the following performance standard(s):

### ANSI Z359.1-2007

Conformity Assessment Method in accordance with ANSI/ISEA 125-2014



**Level 1:**

KStrong Lab Outside the Scope of ISO/IEC Standard 17025:2017



**Level 2:**

KStrong Lab Within the Scope of ISO/IEC Standard 17025:2017



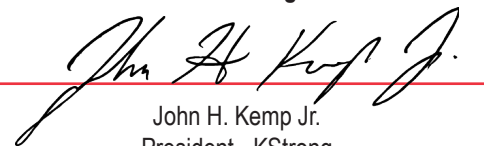
**Level 3:**

Independent 3rd Party Lab accredited to ISO/IEC Standard 17025:2017

**Supporting Documentation:** KS-Test-UFR100XXX.pdf

This Certificate is a guarantee that the above standard(s) was met by the requirements of such standard. Testing was performed under normal operation mode. The results of testing apply only to the particular sample tested and the specific test carried out. This Certificate is only issued for products which have passed the testing requirements of listed standard(s).

**Authorized Signature:**



John H. Kemp Jr.  
President - KStrong

ISO 17025 Accredited Test Laboratory

**intertek**  
Total Quality. Assured.



Intertek Testing Services NA, Inc.  
3933 US Rt. 11  
Cortland, NY 13045  
Tel: 1 607-753-6711  
www.intertek.com

Accrediting Agency



**A2LA**  
5202 Presidents Court, Ste 220  
Frederick, MD 21703  
Tel: 301.644.3248  
info@A2LA.org

## Test Verification of Conformity

On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the requirements of the referenced specifications at the time the tests were carried out.

**Applicant Name & Address** : KSTRONG Inc.  
150 N Radnor Chester Rd  
Suite F200  
Radnor, PA 19087  
USA

**Report Number** : 104679921CRT-006

**Product(s) Tested** : Fall Arrestor w/ Rope Lifeline

**Model(s)** : UFG611020 /  
UFR100XXX where XXX is the length of lifeline

**Relevant Standard(s)/Specification(s)** : ANSI Z359.1- 2007

**Verification Issuing Office Name & Address** : Intertek Testing Service NA Inc.  
3933 US Route 11  
Cortland NY 13045

**Date of Test(s)** : 9/9/19 – 9/10/19

**Verification/Report Number(s)** : 104085048CRT-001

**NOTE :** This verification is part of the full test report(s) and should be read in conjunction with it.

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A handwritten signature in blue ink, appearing to read "Matthew Stevens".

**Name: Matthew Stevens**  
**Position: Team Leader**  
**Date: 5/24/21**

# KSTRONG INC

## TEST REPORT

### SCOPE OF WORK

ANSI Z359.1-2007 / Section 4.4: Fall Arrester Connecting Subsystem Qualification Testing

### REPORT NUMBER

104679921CRT-003

### ORIGINAL REPORT NUMBER

104085048CRT-001

### ISSUE DATE

May 21<sup>st</sup> 2021

### PAGES

7

### DOCUMENT CONTROL NUMBER

GFT-OP-10a (6-March-2017)

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Total Quality. Assured.

## KSTRONG INC

Report No.: 104679921CRT-003

Date: May 21<sup>st</sup> 2021

3933 US Rt. 11  
Cortland, NY 13045

Telephone: 1 607-753-6711  
www.intertek.com

KStrong Inc.  
150 N. Radnor Chester Rd.  
Suite F200  
Radnor, PA 19087  
USA

**Report Number**..... : 104679921CRT-003

**Signed Quote Number**..... : Qu-01171358

**PO Number**. .... : None

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

### Test Specification:

**Standard**..... : ANSI/ASSP Z359.1-2007

**Date(s) of Testing**..... : 9/9/19 – 9/10/19

### Product Description:

**Product Type**: ..... : Fall Arrestor W/ Rope

**Brand Name**: ..... : KStrong

**Model Number(s)**: ..... : UFG611020  
UFR100XXX where XXX is the length of lifeline

**Date(s) Samples Received** ..... : 8/30/19

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Date: May 21<sup>st</sup> 2021**SECTION 1****SUMMARY OF TESTING**

TESTS COMPLETED	ANSI/ASSP Z359.1-2007 CLAUSE	STATUS
Design Requirements 104085048CRT-001 Data	3	PASS
Dynamic Performance Test 104085048CRT-001 Data	4.4.1	PASS
Dynamic Strength Test 104085048CRT-001 Data	4.4.2	PASS
Tensile Strength Following 4.4.2 104085048CRT-001 Data	3.3.6.2	PASS
Markings and Instructions 104085048CRT-001 Data	5	PASS

**SECTION 2****CONCLUSION**


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

**TITLE:**

Technician

**SIGNATURE:****DATE**

5/21/21

**REVIEWED BY:**

Matthew Stevens

**TITLE:**

Team Leader

**SIGNATURE****DATE:**

5/21/21

Please see attached test data for details.

Date: May 21<sup>st</sup> 2021**SECTION 3****TESTING EQUIPMENT CALIBRATION INFORMATION**

USED FOR TEST	DESCRIPTION	MANUFACTURER	CONTROL NO.	MODEL NO.	SERIAL NO.	CAL. DATE	CAL. DUE
X	Drop Test Structure	Intertek	NA	CAT. 3	-	N/A	N/A
X	Test Weight	NA	15064	220 lbs	-	VBUE	VBUE
X	Test Weight	NA	N	300 lbs	-	VBUE	VBUE
X	Load Cell	PCB	N1392	-	-	6/17/19	6/17/20
-	Load Cell	PCB	L099	-	-	1/31/19	1/31/20

**SECTION 4****SUPPLEMENTAL TEST DATA**

Paragraph	Test Description	Results	Compliance
3	<b>Design Requirements:</b>		<b>PASS</b>
	1. Used only if attached to an anchor or anchorage with anchorage connector which complies with ANSI Z359.1.	YES	
	2. Max Arresting Force Under 1,800 lbs.?	YES	
	3. Fall Arrested Completely in not more than 42"?	YES	
	4. Angle at rest not more than 30° after drop?	N/A	
	5. Does product have ANSI Z359.1 markings?	YES	
	6. Connectors meet section 3.2.1?	YES	
	7. Locking system automatic?	YES	
	8. Direction for orientation of use?	YES	
	9. Incapable of creeping down lifeline during work operations?	YES	
	10. All parts show no signs of corrosion and remain functional after ASTM B117 48 hour salt fog spray?	YES	
4.4.1	<b>Dynamic Performance Test:</b>  1. Position fall arrester within 24-inches from the anchorage. 2. Use 220 lb weight. 3. Raise the weight to achieve maximum freefall distance that can be obtained by the system.  Requirements per Section 3.3.6.1 (fig 26): AD < 54-inches MAF < 1,800 lbf	Sample #:1  Max. Distance = 6' MAF = 1050 lbf.  Arrest Distance (AD): 48 ½ "  Shall lock and remained locked until released: YES	<b>PASS</b>

**TEST REPORT FOR KSTRONG INC**

Report No.: 104679921CRT-003

Date: May 21<sup>st</sup> 2021

Paragraph	Test Description	Results	Compliance
4.4.1	<b><u>Dynamic Performance Test:</u></b>  1. Position fall arrester within 24-inches from the anchorage. 2. Use 220 lb weight. 3. Raise the weight to achieve maximum freefall distance that can be obtained by the system.  Requirements per Section 3.3.6.1 (fig 26): AD < 54-inches MAF < 1,800 lbf	Sample #:2  Max. Distance = 6' MAF = 1011 lbf.  Arrest Distance (AD): 49 "  Shall lock and remained locked until released: YES	<b>PASS</b>
4.4.1	<b><u>Dynamic Performance Test:</u></b>  1. Position fall arrester within 24-inches from the anchorage. 2. Use 220 lb weight. 3. Raise the weight to achieve maximum freefall distance that can be obtained by the system.  Requirements per Section 3.3.6.1 (fig 26): AD < 54-inches MAF < 1,800 lbf	Sample #:3  Max. Distance = 6' MAF = 1037 lbf.  Arrest Distance (AD): 49 ½ "  Shall lock and remained locked until released: YES	<b>PASS</b>
4.4.2/3.3.6.2	<b><u>Dynamic Strength Test:</u></b>  1. Do not use EA on the Fall Arrester. 2. Attach FA 10-inches from anchorage. 3. Use 300 lb. test weight. 4. Use 3-foot test lanyard. 5. Raise test weight to create maximum freefall distance allowed by the device.	Sample #: 1  Drop Height: 3'  Breakage: NO  Shall lock on the lifeline and remained locked: YES  Lifeline shall remain a min. strength of 1,000 lbs. (Tensile strength on lifeline)	<b>PASS</b>

**TEST REPORT FOR KSTRONG INC**

Report No.: 104679921CRT-003

 Date: May 21<sup>st</sup> 2021

Paragraph	Test Description	Results	Compliance
4.4.2/3.3.6.2	<b><u>Dynamic Strength Test:</u></b> <ol style="list-style-type: none"> <li>Do not use EA on the Fall Arrester.</li> <li>Attach FA 10-inches from anchorage.</li> <li>Use 300 lb. test weight.</li> <li>Use 3-foot test lanyard.</li> <li>Raise test weight to create maximum freefall distance allowed by the device.</li> </ol>	Sample #: 2  Drop Height: 3'  Breakage: NO  Shall lock on the lifeline and remained locked: YES  Lifeline shall remain a min. strength of 1,000 lbs. (Tensile strength on lifeline)	PASS
4.4.2/3.3.6.2	<b><u>Dynamic Strength Test:</u></b> <ol style="list-style-type: none"> <li>Do not use EA on the Fall Arrester.</li> <li>Attach FA 10-inches from anchorage.</li> <li>Use 300 lb. test weight.</li> <li>Use 3-foot test lanyard.</li> <li>Raise test weight to create maximum freefall distance allowed by the device.</li> </ol>	Sample #: 3  Drop Height: 3'  Breakage: NO  Shall lock on the lifeline and remained locked: YES  Lifeline shall remain a min. strength of 1,000 lbs. (Tensile strength on lifeline)	PASS
5	<b><u>Marking and Instructions- General Marking Requirements</u></b> Markings shall be in English	YES	PASS
5.1.1	Equipment shall be marked with the following: <ul style="list-style-type: none"> <li>Part number and model designation</li> <li>Year of manufacture</li> <li>Manufacture name or logo</li> </ul>	YES	
5.1.3	<ul style="list-style-type: none"> <li>Capacity rating</li> <li>Standard number "Z359.1"</li> <li>Warning to follow the manufacturer's instructions included with equipment.</li> </ul>	YES	
		YES	
		YES	
		YES	
		YES	
		YES	
5.2.6	In addition to section 5.1 fall arrestors should be marked with the following information: <ul style="list-style-type: none"> <li>Direction of use</li> <li>Warnings against use with incompatible lifelines</li> <li>The proper size and type of vertical lifeline with which the fall arrestor is intended to be used.</li> </ul>	YES	
		YES	