

Declaration of Conformity

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

Item #: UFH10251P

Description: KStrong® Kapture[™] Elite Crossover Design 5-Point FBH, Dorsal D-ring, Front D-ring, 2 Side D-rings, MB Legs (ANSI)

Brand Name: KStrong

Manufacturer: KStrong

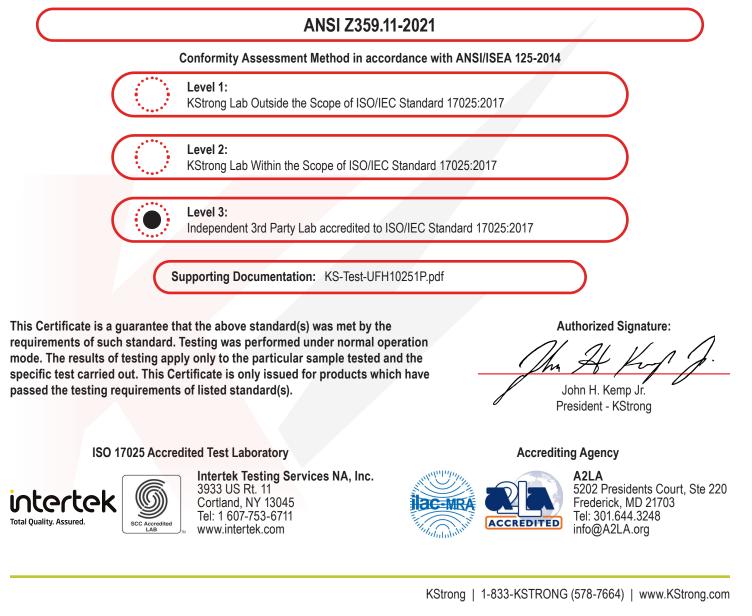
Address: 150 N. Radnor Chester Road, Suite F200, Radnor, PA 19087

Declaration #: DOC-UFH10251P Declaration Date: 01/20/2023

Additional Items Conforming Under this Declaration (If Applicable):

UFH10251P(S-M) UFH10251P(M-L) UFH10251P(L-XL)

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





Test Verification of Conformity

Verification Number: 105295497CRT-002

harmonized standards and Dired	est report(s), sample(s) of the below productives listed on this verification at the time	the tests were carried out.	Dther
be read in conjunction with it(th	e relevant to the product. This verification nem).	is part of the full test report(s) and should
· · ·			
Applicant Name & Address:	KStrong INC 150 N. Radnor Chester Rd.		
	Suite F200 Radnor, PA 19087		
	USA		
Product Description:	Full Body Harness		
Models/Type References:	UFH10251G, UFH10251P		
Brand Name:	KStrong INC		
Relevant Standards:	ANSI/ASSP Z359.11 – 2021 Ed.		
Verification Issuing Office	Intertek Testing Services NA, Inc.		
Name & Address:	3933 US Rt-11		
	Cortland, NY 13045 USA		
Date of Tests:	2/4/20 – 6/16/20		
Test Report Number(s):	104211659CRT-001		
Signature:	Alf-gh	6	
Name:	Matthew Stevens	SCC Accredited	ACCREDITED
Position:	Team Leader		

This Verification 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 Verification. Only the Client is authorized to permit copying or distribution of this Verification. 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/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

1/20/23

Date:



KSTRONG INC. TEST REPORT

SCOPE OF WORK Standard Evaluation to ANSI Z359.11-2021 Safety Requirements for Full Body Harnesses

REPORT NUMBER 105295497CRT-001

ORIGNAL REPORT NUMBER 104211659CRT-001

ISSUE DATE 1/20/23

PAGES 14

DOCUMENT CONTROL NUMBER GFT-OP-10a (6-March-2017) © 2017 INTERTEK





Total Quality. Assured.

KSTRONG INC. Report No.: 105295497CRT-001 Date: January 20th 2023 3933 US Rt. 11 Cortland, NY 13045

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

Ph: None Provided

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

Report Number:	105295497CRT-001
Signed Quote Number: :	Qu-01321318-0
PO Number:	NA

Name of Testing Laboratory Preparing the Report

Test Specification:

Standard:	ANSI/ASSP Z359.11-2021
Date(s) of Testing:	2/17/2020 – 6/19/20

Product Description.....:

Product Type:: Full Body Harness

Model Number:: UFH10251G

Additional Model Number(s):....: UFH10251P

Date(s) Samples Received: 2/14/20 – 6/16/20

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.

SECTION 1

SUMMARY OF TESTING

TESTS COMPLETED	ANSI/ASSP Z359.11-2021 CLAUSE	STATUS
Design	3	PASS
Dynamic Feet First Drop (Dorsal)	4.3.3	PASS
Dynamic Headfirst Drop (Dorsal)	4.3.4	PASS
Dynamic Feet First Drop (Sternal) Re-Test 6/19/20	4.3.3	PASS
Fall Arrest Indicator (Dorsal)	4.3.6	PASS
Fall Arrest Indicator (Sternal) Re-Test 6/19/20	4.3.6	PASS
Static Feet First (Dorsal)	4.3.5	PASS
Static Feet First (Hip)	4.3.5	PASS
Static Feet First (Sternal)	4.3.5	PASS
Static Feet First for Lanyard Parking Attachment	4.3.7	PASS
Markings and Instructions	5	PASS

SECTION 2

This test report concludes the work anticipated in the testing phase of your project. Original Testing performed to 2014 Edition. Data evaluated to 2021 version as no differences in test procedures. If there are any questions regarding this report, please contact the undersigned at 607-753-6711.

COMPLETE D BY:	Steven Morey	REVIEWED BY:	Matthew Stevens
TITLE:	Technician	TITLE:	Team Leader
SIGNATURE:	Ster my	SIGNATURE	MA
DATE	11/10/2021	DATE:	1/20/23

Please see attached test data for details.

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
Х	Test Torso	NA	15064	220 lbs	-	VBU	VBU
Х	Stopwatch	Sper Scientific	T1518	-		1/16/20	1/16/21
Х	Load Cell	Interface	G119	-	-	10/22/19	10/22/20
Х	Tape Measure	Stanley	N1407	-	-	9/26/19	9/26/20

SECTION 3

SUPPLEMENTAL TEST DATA

Paragraph	Test Description	Results	Compliance
3	Requirements		
3.1	Design Requirements		
3.1.1	Permanently incorporate a dorsal or sternal attachment	YES	PASS
3.1.2	Materials and constructions shall meet requirements	YES	PASS
3.1.3	FBH w/ dorsal attachment shall permanently include a sub-pelvic strap and /or waist belt	YES	PASS
3.1.4	FBH w sternal attachment shall permanently include a waist belt	YES	PASS
3.1.5	All shoulder straps shall come together and be connected at the dorsal location	YES	PASS
3.1.6	All FBH's shall permanently incorporate a waist belt or a back strap for controlling the separation of the shoulder straps	YES	PASS
3.1.7	Modular components shall design requirements		NA
3.1.7.1	Modular components shall be attached to the harness using connections that meet section 3		NA
3.1.7.2	Attachment element extender can be no longer than 24-inches		NA
3.1.8	FBH integrated into a vest shall allow visual inspection or entire FBH		NA
3.1.9	All FBH shall be equipped with a fall arrest indicator that will deploy during dynamic testing	YES	PASS
3.1.10	FBH/EA/EAL combinations shall meet the requirements of Z359.11 and Z359.13	YES	PASS
3.1.11	FBH shall include keepers for straps	YES	PASS
3.1.12	FBH shall include lanyard parking attachment	YES	PASS
3.1.13	It shall not be possible to remove elements	YES	PASS
3.1.14	All single point attachment elements must be located within 2-inches of the vertical centerline	YES	PASS
3.2	Attachment Element Requirements	YES	PASS
3.2.1	Dorsal- shall be used as the primary fall arrest attachment	YES	PASS
3.2.1.1	May be used in travel restraint or rescue	YES	PASS
3.2.1.2	Dorsal attachment shall direct the load through the shoulder straps and around the thighs	YES	PASS

Paragraph	Test Description	Results		Compliance
3.2.1.3	Dorsal Attachment Element requirements	Y	ES	PASS
3.2.1.3.1	Dynamic Feet First- see section 4.3.3	Y	ES	PASS
3.2.1.3.2	Dynamic Head First – see section 4.3.4	Y	ES	PASS
3.2.1.3.3	Static Feet First- see section 4.3.5	Y	ES	PASS
3.2.1.3.4	Fall Arrest Indicator – see section 4.3.6	Y	ES	PASS
3.2.2	The sternal attachment may be used as an alternative fall arrest attachment	Y	ES	PASS
3.2.2.1	The sternal attachment may be used for travel restraint or rescue			NA
3.2.2.2	Sternal attachment design shall direct the load through the shoulder straps and thighs	Y	ES	PASS
3.2.2.3	Sternal Attachment Element Requirements	Y	ES	PASS
3.2.2.3.1	Dynamic Feet First – see section 4.3.3	Y	ES	PASS
3.2.2.3.2	Static Feet First – see section 4.3.5	Y	ES	PASS
3.2.2.3.3	Fall Arrest Indicator – see section 4.3.6	Y	ES	PASS
3.2.3	Frontal attachment to be used for ladder guided type FA's where no chance of fall in a feet first direction (may be used for work positioning)		NA	NA
3.2.3.1	Frontal Attachment Element Requirements			NA
3.2.3.1.1	Dynamic Feet First – see section 4.3.3			NA
3.2.3.1.2	Static Feet First – see section 4.3.5			NA
3.2.4	Shoulder attachments shall be used as a pair, also for rescue and entry/retrieval not for FA.			NA
3.2.4.1	Shoulder Attachment Elements Requirements			NA
3.2.4.1.1	Static Feet First – see section 4.3.5			NA
3.2.5	Waist, rear attachment for travel restraint only			NA
3.2.5.1	Waist, rear attachment shall be subjected to minimal loading, not used for FA			NA
3.2.5.2	Waist Attachment Elements Requirements			NA
3.2.5.2.1	Static Feet First – see section 4.3.5			NA
3.2.6	Hip attachments shall be used as a pair and solely for work positioning, not used for FA	Y	ES	PASS
3.2.6.1	Hip Attachment Element Performance Requirements	Y	ES	PASS
3.2.6.1.1	Static Feet First – see section 4.3.5	Y	ES	PASS
3.2.7	Suspension seat shall be used as a pair and solely for work positioning, not used for FA		NA	NA
3.2.7.1	Suspension Seat Attachment Element Performance Requirements		NA	NA
3.2.7.1.1	Static Feet First – see section 4.3.5		ES	PASS
3.3	Component Requirements	Y	ES	PASS
3.3.1	Load Bearing Straps	Y	ES	PASS
3.3.1.1	Shall not be less than 1-5/8" (41mm)	Y	ES	PASS
3.3.1.2	Minimum breaking strength of 5,000 lbs per section 7.1.1	Y	ES	PASS
3.3.1.3	Straps shall be pure, non-recycled synthetic material. Any restrictions shall be marked on the FBH	Y	ES	PASS

Paragraph	Test Description		Results				Complianc
.3.1.4	Straps shall be hot cut, sealed, covered, or	stitched		YES			PASS
	to prevent fraying			1123			I ASS
.3.1.5	After abrasion conditioning per 7.1.2, straps shall have a breaking strength of at least 3,600 lbs when			YES			PASS
	tested to 7.1.1	US WHEN		1 LS			FA55
.3.1.6	In areas of concentrated wear straps shall b	be		YES			PASS
	protected			IES			PASS
3.3.1.7	Spacing between eyelets centers shall be b 1 + 1/9 = 2	etween		YES			PASS
3.3.2	1-1/8- 2 inches Thread and Stitching			YES			PASS
3.3.2.1	Shall have the same material as load bearing	na atuana		YES			PASS
3.3.2.2		• •					
3.3.2.3	All stitching shall be lock stitched and bac			YES			PASS
5.5.2.5	All stitching used to connect load bearing shall be contrasting in color at a distance of			YES			PASS
	inches	1 12-		1L5			17155
3.3.3	Connecting Components			YES			PASS
3.3.3.1	Hardware shall conform to Z359.12 (except	pt soft		YES			PASS
	loops)	-		115			rAss
3.3.3.2	Soft loops attachments may be used in play	ce of		YES			PASS
3.3.3.3	metal connecting components Soft loop attachments shall be constructed	of					
5.5.5.5	materials that meet section 3.3.1	01				NA	NA
3.3.3.4	Soft loops shall include protection from w	ear				NA	NA
4	Qualification Testing		· · · ·				1
		"DOI	RSAL ATTACHMENT"				
	Test Set-up (Dorsal):1. Don the harness on the test torso2. Position dorsal attachment per theMfg Instructions.3. If equipped with chest strap (section4.3.2), locate strap +/-2 inches on torsofrom datum E figure 5 and 1b ofstandard4. Determine drop height, attach quickrelease to the torso neck, lower torso toremove slack, measure height (lowestpoint of torso to floor)5. Raise torso to predetermined height,release, measure MAF, measure andrecord final height	Drop He Max Am Hi- initia Hf- final He – Ha Harness which is whichev Release Support fall	n of Dorsal Attachment Element eight rest Force al height	8 4 5664 111 122 11 18 t Yes	inches ft lbs inches inches inches no 2.0°	3	PASS

Paragraph	Test Description	Results		Compliance
4.3.3	Dynamic <u>Feet First</u> Drop Test: <u>Test Set-up (Dorsal):</u> 1. Don the harness on the test torso 2. Position dorsal attachment per the Mfg Instructions. 3. If equipped with chest strap (section 4.3.2), locate strap +/-2 inches on torso from datum E figure 5 and 1b of standard 4. Determine drop height, attach quick release to the torso neck, lower torso to remove slack, measure height (lowest point of torso to floor) 5. Raise torso to predetermined height, release, measure MAF, measure and record final height	Feet First DORSAL Attachment Requirements per Section 3.2.1.3. Sample ID: 2 Location of Dorsal Attachment Element Drop Height Max Arrest Force Hi- initial height Hf- final height He – Harness Effect (Hi-Hf) Harness effect shall not exceed 18-inches or which is stated in the Mfg. Instructions, whichever is less. Stated Release from the torso Support the torso for a period of 5-minutes post fall Shall support the torso post fall of an angle not greater than 30° to vertical At least one fall arrest indicator deployed visibly and permanently	inches ft lbs inches inches inches inches no 2.9°	PASS
4.3.3	Dynamic Feet First Drop Test: Test Set-up (Dorsal): 1. Don the harness on the test torso 2. Position dorsal attachment per the Mfg Instructions. 3. If equipped with chest strap (section 4.3.2), locate strap +/-2 inches on torso from datum E figure 5 and 1b of standard 4. Determine drop height, attach quick release to the torso neck, lower torso to remove slack, measure height (lowest point of torso to floor) 5. Raise torso to predetermined height, release, measure MAF, measure and record final height	Feet First DORSAL Attachment Requirements per Section 3.2.1.3. Sample ID: 3 Location of Dorsal Attachment Element Drop Height Max Arrest Force Hi- Hi- initial height Hf He – Harness Effect (Hi-Hf) Harness effect shall not exceed 18-inches or which is stated in the Mfg. Instructions, whichever is less. Stated: Release from the torso Support the torso for a period of 5-minutes post fall Shall support the torso post fall of an angle not greater than 30° to vertical At least one fall arrest indicator deployed visibly and permanently	inches ft lbs inches inches inches inches 3.9°	PASS

Paragraph	Test Description	Results			Compliance
4.3.4	Dynamic <u>Head First</u> Drop Test: <u>Test Set-up (Dorsal):</u>	Head First DORSAL Attachmen Requirements per Section 3.2.1.3. Sample ID: 1			
	1. Don the harness on the test torso	Location of Dorsal Attachment Element	8	inches	
	2. Position dorsal attachment bearing	Drop Height	6	ft	
	point 8 +/- 1 inch below the top of the	Max Arrest Force Release from the torso	3814	lbs	
	shoulder (or maximum lowest position) 3. If equipped with chest strap (section	Support the torso for a period of 5-minutes post	yes	no	
	4.3.2), locate strap $\pm/-2$ inches on torso from datum E figure 5 and 1b of	fall Shall support the torso post fall of an angle not	yes	15.3°	
	standard 4. Attach quick release to the torso	greater than 30° to vertical At least one fall arrest indicator deployed	yes		
	crotch, lower torso to remove slack 5. Raise torso to predetermined height, release, measure MAF	visibly and permanently		<u> </u>	PASS
4.3.4	Dynamic <u>Head First</u> Drop Test:				
	<u>Test Set-up (Dorsal):</u>	Head First DORSAL Attachmen Requirements per Section 3.2.1.3.			
	1. Don the harness on the test torso	Sample ID: 2	0	· 1	
	2. Position dorsal attachment bearing	Location of Dorsal Attachment Element Drop Height	8	inches ft	
	point 8 +/- 1 inch below the top of the	Max Arrest Force	4472	lbs	
	shoulder (or maximum lowest position)3. If equipped with chest strap (section	Release from the torso		no	
	4.3.2), locate strap $\pm/-2$ inches on torso from datum E figure 5 and 1b of	Support the torso for a period of 5-minutes post fall	yes		PASS
	standard	Shall support the torso post fall of an angle not greater than 30° to vertical	yes	17.2°	
	4. Attach quick release to the torso crotch, lower torso to remove slack	At least one fall arrest indicator deployed visibly and permanently	yes		
	5. Raise torso to predetermined height, release, measure MAF				
4.3.4	Dynamic <u>Head First</u> Drop Test:				
	<u>Test Set-up (Dorsal):</u>	Head First DORSAL Attachmen Requirements per Section 3.2.1.3.			
	1. Don the harness on the test torso	Sample ID: 3 Location of Dorsal Attachment Element	8	inches	
	2. Position dorsal attachment bearing $raint 8 + (-1)$ inch below the ten of the	Drop Height	6	ft	
	point 8 +/- 1 inch below the top of the shoulder (or maximum lowest position)	Max Arrest Force	5797	lbs	
	3. If equipped with chest strap (section)	Release from the torso		no	PASS
	4.3.2), locate strap $\pm/-2$ inches on torso from datum E figure 5 and 1b of	Support the torso for a period of 5-minutes post fall	yes		1100
	standard	Shall support the torso post fall of an angle not greater than 30° to vertical	yes	16.0°	
	4. Attach quick release to the torso crotch, lower torso to remove slack5. Raise torso to predetermined height, release, measure MAF	At least one fall arrest indicator deployed visibly and permanently	yes	no	

Paragraph	Test Description	Results	Compliance
4.3.5	Static <u>Feet First</u> Test: <u>Test Set-up (Dorsal):</u> 1. Don the harness on the test torso 2. Secure crotch of test torso to test equipment 3. connect to attachment element 4. mark locations of buckles and adjusters 5. apply 3,600 lb load and maintain for 1-minute 6. Release load and evaluate sample	Feet First DORSAL Attachment Requirements per Section 3.2.1.3.3 Sample ID: 1,2,3 Release from the torso no Slippage – Crotch Strap Adjuster, Right 0 inches Slippage – Crotch Strap Adjuster, Left 0 inches Slippage – Chest Strap Adjuster, Center 0 inches Slippage – Chest Strap Adjuster, Right 1/4 inches Slippage – Chest Strap Adjuster, Left 1/4 inches Slippage – Chest Strap Adjuster, Left 1/4 inches Slippage – Other na inches Strap tear further than adjacent eyelet adjuster na straps shall show no signs of tearing 'Slippage through any adjuster shall not exceed 1-inch'' "Slippage through any adjuster shall not exceed 1-inch"	PASS
4.3.6	Fall Arrest Indicator Test: Test Set-up (Dorsal): 1. Don the harness on the test torso 2. Position dorsal attachment per the Mfg Instructions. 3. Attach quick release to the neck of the test torso 4. Attach a Z359.13 compliant 6-foot EAL to the test anchorage 5. lower torso until test shackles are straight but no load 6. raise torso 24-inches	DORSAL Attachment Requirements per Section 3.2.1.3.4 Sample ID: 1,2,3 At least one fall arrest indicator shall deploy Yes	PASS

Paragraph	Test Description	Results			Compliance
	"STERNAL ATTACHMENT" Re-Testing on 6/19/20				
4.3.3	Dynamic Feet First Drop Test: Test Set-up (Sternal): 1. Don the harness on the test torso 2. Position dorsal attachment per the Mfg Instructions. 3. If equipped with chest strap (section 4.3.2), locate strap +/-2 inches on torso from datum E figure 5 and 1b of standard 4. Determine drop height, attach quick release to the torso neck, lower torso to remove slack, measure height (lowest point of torso to floor) 5. Raise torso to predetermined height, release, measure MAF, measure and record final height	Feet First STERNAL Attachmen Requirements per Section 3.2.2.3. Sample ID: 1 Location of Sternal Attachment Element 1 Drop Height Max Arrest Force Hi- initial height Hf- final height He – Harness Effect (Hi-Hf) Harness effect shall not exceed 18-inches or which is stated in the Mfg. Instructions, whichever is less. Stated: Release from the torso Support the torso for a period of 5-minutes post fall Shall support the torso post fall of an angle not greater than 50° to vertical At least one fall arrest indicator deployed	t	inches Ft Lbs inches inches inches inches No 26.2°	PASS
4.3.3	Dynamic Feet First Drop Test: Test Set-up (Sternal): 1. Don the harness on the test torso 2. Position dorsal attachment per the Mfg Instructions. 3. If equipped with chest strap (section 4.3.2), locate strap +/-2 inches on torso from datum E figure 5 and 1b of standard 4. Determine drop height, attach quick release to the torso neck, lower torso to remove slack, measure height (lowest point of torso to floor) 5. Raise torso to predetermined height, release, measure MAF, measure and record final height	visibly and permanently Feet First STERNAL Attachmen Requirements per Section 3.2.2.3. Sample ID: 2 Location of Sternal Attachment Element Drop Height Max Arrest Force Hi- initial height He – Harness Effect (Hi-Hf) Harness effect shall not exceed 18-inches or which is stated in the Mfg. Instructions, whichever is less. Stated: Release from the torso Support the torso for a period of 5-minutes post fall Shall support the torso post fall of an angle not greater than 50° to vertical At least one fall arrest indicator deployed visibly and permanently		inches ft lbs inches inches inches inches 23.7°	PASS

Paragraph	Test Description	Results			Compliance
4.3.3	Dynamic <u>Feet First</u> Drop Test: <u>Test Set-up (Sternal):</u>	Feet First STERNAL Attachment Requirements per Section 3.2.2.3.1			
1 2 2 1 3 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	 Don the harness on the test torso Position dorsal attachment per the Mfg Instructions. If equipped with chest strap (section 4.3.2), locate strap +/-2 inches on torso from datum E figure 5 and 1b of standard Determine drop height, attach quick release to the torso neck, lower torso to remove slack, measure height (lowest point of torso to floor) Raise torso to predetermined height, release, measure MAF, measure and record final height 	Sample ID: 3 Location of Sternal Attachment Element Drop Height Max Arrest Force Hi- initial height Hf- final height Hf- final height He – Harness Effect (Hi-Hf) Harness effect shall not exceed 18-inches or which is stated in the Mfg. Instructions, whichever is less. Stated: Release from the torso Support the torso for a period of 5-minutes post fall Shall support the torso post fall of an angle not greater than 50° to vertical At least one fall arrest indicator deployed visibly and permanently	8 6 4076 131 147 16 18	inches ft lbs inches inches inches inches 22.9°	PASS
4.3.5	Static <u>Feet First</u> Test: <u>Test Set-up (Sternal):</u> 1. Don the harness on the test torso 2. Secure crotch of test torso to test equipment 3. connect to attachment element 4. mark locations of buckles and adjusters 5. apply 3,600 lb load and maintain for 1-minute 6. Release load and evaluate sample	Feet First STERNAL Attachmen Requirements per Section 3.2.2.3 Sample ID:	.2 0 0 1/2 1/2 1/2 na na	no inches inches inches inches inches inches inches inches na no	PASS
		"HIP ATTACHMENT"			1
4.3.5	Static <u>Feet First</u> Test: <u>Test Set-up (Hip):</u> 1. Don the harness on the test torso 2. Secure crotch of test torso to test equipment 3. connect to attachment element 4. mark locations of buckles and adjusters 5. apply 3,600 lb load and maintain for 1-minute 6. Release load and evaluate sample	Feet First HIP Attachment Requirements per Section 3.2.6.1 Sample ID: 1,2,3 Release from the torso 1,2,3 Slippage – Crotch Strap Adjuster, Right Slippage – Crotch Strap Adjuster, Right Slippage – Crotch Strap Adjuster, Left Slippage – Chest Strap Adjuster, Right Slippage – Chest Strap Adjuster, Right Slippage – Chest Strap Adjuster, Left Slippage – Other Slippage – Other Strap tear further than adjacent eyelet adjuster Straps shall show no signs of tearing "Slippage through any adjuster shall not exceed 1-it 1.1	0 0 0 0 na na yes	no inches inches inches inches inches inches inches inches	PASS

Paragraph	Test Description	Results	Compliance				
4.3.6	 Fall Arrest Indicator Test: <u>Test Set-up (Sternal):</u> 1. Don the harness on the test torso 2. Position dorsal attachment per the Mfg Instructions. 3. Attach quick release to the neck of the test torso 4. Attach a Z359.13 compliant 6-foot EAL to the test anchorage 5. lower torso until test shackles are straight but no load 6. raise torso 24-inches 	STERNAL Attachment Requirements per Section 3.2.1.3.4 Sample ID: 1,2,3 At least one fall arrest indicator shall deploy YES visibly and permanently YES *Re-Testing 6/19/20 Stepsilon	PASS				
4.3.7	 Secure the crotch of the test torso to the static test equipment ensuring the direction of the pull on the attachment simulates a feet first fall Connect the attachment element to the static test equipment using a test lanyard. Apply and steadily increase the load until a disengagement load of not more than 120 pounds (0.5 Kn) 	Sample ID: 1-3 Sample 1 (break load) 28 lbs Sample 2 (break load) 32 lbs Sample 3 (break load) 43 lbs	PASS				
5	"Marking and Instructions"						
5.1	Marking Requirements						
5.1.1	Shall be in English		PASS				
5.1.2	Required markings shall endure the life of component, when PSL's are used they shall with UL969-2001 (section 7.2.1)		PASS				

Paragraph	Test Description	Results				Compliance			
5.1.3									
	Full Body Harnesses shall be marked with the	e following:							
	Marking	Comments	YES	NO	NA				
	Materials of Construction		X						
	Size or range of sizes Part number and model designation		X X						
	Year of manufacture		X	-					
	Manufacturer's name or logo		X			PASS			
	Warning to follow the manufacturer's					1 A55			
	instructions included with the equipment at time of shipment from the manufacturer		X						
	A label permanently attached to the lanyard parking attachment which states, "Park Lanyard Here", See Instructions		X						
	A label as defined in figure 10a & 10b of the standard		Х						
5.2									
5.2.1	Instructions Requirements								
	Instructions shall be in English, and affixed to the equipment at time of shipment from the manufacture					PASS			
5.2.2	Instructions shall contain the following inform	1	. UDG	NO					
	Instructions	Comments	YES	NO	NA				
	Appendix A of the standard in it's entirety A statement that the manufacturer's instructions		X						
	shall be provided to the users		X						
	Manufacturers name, address, and telephone		v						
	number		X						
	Manufacturer's part number and model		X						
	designation for the equipment Intended use and purpose of the equipment		X						
	Length of Harness Effect		X						
	Proper method of use and limitations on use of		X						
	the equipment		Λ						
	Illustrations showing locations of markings on the equipment		X			PASS			
	Reproduction of printed information on all markings		X						
	Inspection procedures required to assure the equipment is in serviceable condition and operating correctly		X						
	Criteria for discarding equipment which fails inspection		Х						
	Procedures for cleaning. maintenance, and		x						
	storage Reference to Z359.11		X						
	Acceptable use for all attachment elements (see								
	Appendix A of the standard)		Х						
5.2.3	Instructions shall require that only the equipment								
	manufacturer, or persons or entities authorized in w by the manufacturer, shall make repairs to the equip					PASS			
5.2.4	Instructions shall require the user to remove equipn from service if it has been subjected to the forces of arresting a fall and will include information on insp of load indicators	nent f				PASS			
5.2.5	Instructions shall require the user to have a rescue p and the means at hand to implement it when using t equipment					PASS			

Paragraph	Test Description	Results				Compliance
5.2.6	Instructions shall provide warnings regarding:					
	Warnings	Comments	YES	NO	NA	
	Altering the equipment		X			
	Misusing the equipment		X			
	Using combinations of components or sub- systems, or both, which may affect or interfere with the safe function of each other		х			
	Exposing the equipment to chemicals, heat, flames, or other environmental conditions, which may produce a harmful effect and to consult the manufacturer in case of doubt		X			PASS
	Using the equipment around moving machinery and electrical hazards		Х			
	Using the equipment near sharp edges or abrasive surfaces		Х			
	Exposure to light (UV degradation)				Х	

SECTION 5

REVISION HISTORY

REPORT NUMBER	DATE OF REVISION	DESCRIPTION OF CHANGE:	PROJECT OWNER	REVIEWED BY
104867080CRT-001	11/15/21	Standard Evaluation	Steven Morey	Matthew Stevens
105295497CRT-001	1/20/23	Report Extension	Steven Morey	Matthew Stevens