



FULL BODY HARNESS

Use & Safety Manual

This instruction manual is intended to serve as the Manufacturer's Instructions required by OSHA and ANSI/ASSE Z359 Standards. The Manufacturer's Instructions must be followed for proper equipment use, inspection and maintenance, and as part of an employee training program. The following set of instructions must be provided to all users of this equipment. The user must read and understand these instructions prior to using this equipment. Contact Riggers Safety for additional copies or visit our website at riggersafety.com for a printable version.

The product detailed in this manual is a component in a Personal Fall Arrest System (PFAS) and/or restraint, work positioning, personnel riding or rescue system. According to state and federal laws, employers must ensure that users read, understand and follow the Manufacturer's Instructions, employer's safety protocols, state and federal regulations, and any relevant instructions, markings, warnings or product limitations for each component in the fall protection system as part of a safety training program.

WARNING

WARNING: Use of compatible PFAS components is mandatory. Failure to comply with instructions regarding use, maintenance and inspection of PFAS equipment and/or failure to remove damaged or defective equipment from service may result in serious injury or death. If you have questions regarding the use, compatibility, inspection or care, contact Riggers Safety and your company safety professional.

ALL PFAS COMPONENTS MUST BE INSPECTED PRIOR TO INSTALLATION AND PRIOR TO EACH USE. A COMPETENT PERSON OTHER THAN THE USER MUST INSPECT THIS EQUIPMENT AND RECORD THE DETAILS IN THE INSPECTION LOG AT LEAST ANNUALLY.

PLEASE READ THE FOLLOWING DISCLAIMERS

PLEASE READ THE FOLLOWING DISCLAIMERS:

All PFAS or additional fall protection system components associated with the use of this equipment must comply with ANSI/ASSE Z359 Standards and any applicable new standards. Riggers Safety denies liability for incidents that occur due to non-compliant or incompatible components.

Riggers Safety assumes no liability for the adequacy of installations incorporating full body harnesses and connecting subsystem components (i.e. anchorage, lanyards and connectors) beyond the limitations set by this manual.

Riggers Safety full body harnesses contain no user-serviceable components. Do not attempt to disassemble or repair. Riggers Safety assumes no liability for the consequences of disassembling or altering this equipment. If equipment has been subject to a fall it must be taken out of service and destroyed.

DEFINITIONS & FUNCTIONS

For a complete list of Riggers Safety definitions and functions please visit our website at riggersafety.com

FULL BODY HARNESS: a body support device that distributes dynamic force across the shoulders, thighs and pelvis. A harness should be selected based on the work to be performed and the work environment. PFAS full body harnesses have a dorsal (upper back) D-ring which attaches to the connecting subsystem. Harnesses with front D-rings are used only for work positioning, travel restraint or rescue. Side D-rings on harnesses are only for work positioning.

1.0 SYSTEM REQUIREMENTS

1.1 APPLICATION: Riggers Safety full body harnesses are designed for use as a component in a personal fall arrest, restraint, work positioning, ladder climbing, personnel riding, or rescue system. *Important: Full body harness and connecting subsystem components are for personal fall protection only and never to load, hang, or support materials or tools.*

A. PERSONAL FALL ARREST SYSTEM (PFAS): can be used to reduce potential injury whenever a worker at an elevated level is exposed to a fall hazard. All PFAS are required to comply with ANSI Z359 Standards. The height threshold (for example, 4 ft. for general industry workplaces, and 6 ft. for construction) is dictated by industry-specific OSHA standards. A PFAS typically includes a full body harness and a connecting subsystem (for example: a shock-absorbing lanyard and anchorage). Maximum arresting force must not exceed fall arresting forces of 1,800 lbs. (8 kN). For fall arrest applications the lanyard must be connect to the harness dorsal D-ring.

WARNING: Use of body belts for fall arrest is prohibited by law.

B. PERSONAL RESTRAINT SYSTEM: prevents a worker from reaching a location where a free fall hazard exists and typically includes a full body harness or body belt with dorsal D-ring and a connecting subsystem (for example: a positioning lanyard) that provides restraint, but does not allow a free fall.

C. WORK POSITIONING SYSTEM: is used to hold an elevated worker in place while permitting hands-free work and typically includes a full body harness, positioning lanyard, and back-up PFAS. The free fall distance must not exceed 2 ft. For work positioning applications, connect the work positioning subsystem (for example: a Y-lanyard) to the harness work positioning D-rings or a body belt work positioning attachment. Important: Harness connection points on the lower body must never be used for fall arrest.

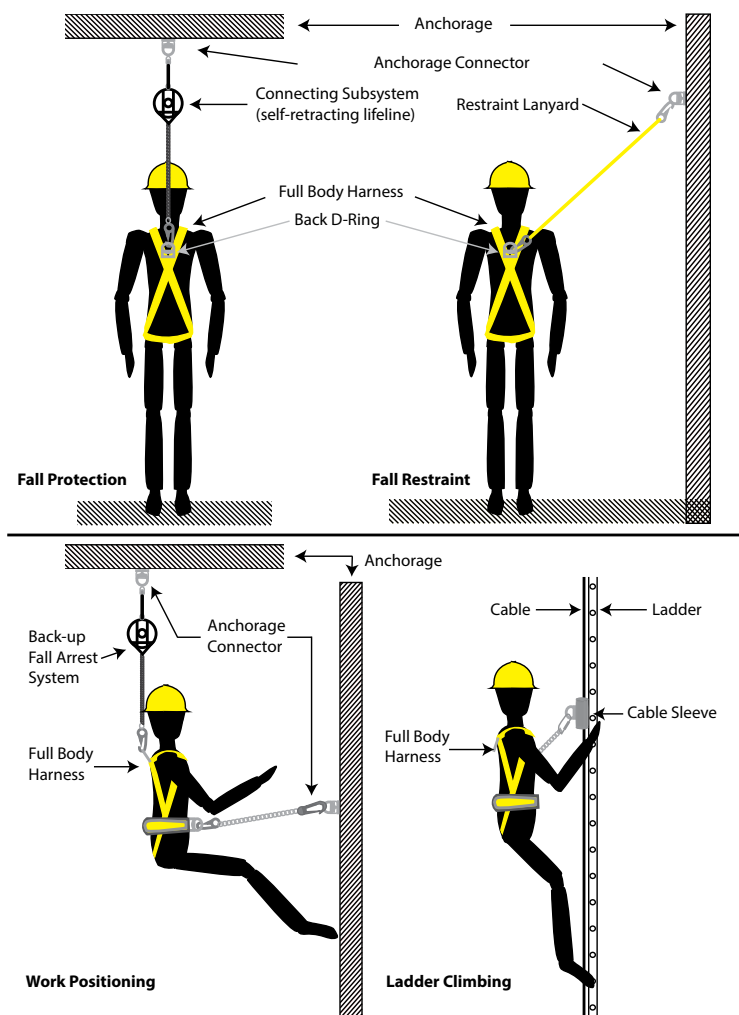
D. LADDER CLIMBING SYSTEM: prevents the user from falling when climbing and typically includes a full body harness, vertical cable or rail attached to the structure, and climbing sleeve. For ladder climbing applications, harnesses equipped with a sternal D-ring may be used for fall arrest on fixed ladder climbing systems defined in ANSI A14.3 Standards.

E. PERSONNEL RIDING OR SUSPENSION SYSTEM: is designed to lower and support a worker vertically while allowing a hands-free work environment and typically includes a full body harness, vertical lifeline and secondary PFAS rope grab attached to the dorsal D-Ring.

F. RESCUE SYSTEM: is primarily used to retrieve fallen workers or in confined space applications where a user must enter tanks, manholes, etc. and may require retrieval from above should an emergency occur. The configuration of the rescue system depends greatly on the worksite, but generally includes a full body harness and some type of compatible and compliant retrieval device.

WARNING: Rescue systems must be rigged so that no vertical free fall is possible.

Figure 1: Applications and Functions



1.2 CAPACITY: Riggers Safety harnesses may only be used by trained authorized persons within the capacity range of 130 to 310 lbs. (including clothing, tools). Subsystem components used in conjunction with the harness must have a capacity rating appropriate to the application. *Important: No more than one harness-user may attach to a connecting subsystem at once and each connecting subsystem must have a separate anchor point and/or lifeline.*

1.3 CONNECTING SUBSYSTEM COMPATIBILITY: Riggers Safety harnesses are intended for use with approved subsystem components (e.g. anchorage, connectors, lanyards) that meet ANSI/ASSE Z359 and OSHA Standards. Substitutions made with non-compliant components are not allowed, may jeopardize equipment compatibility and the safety of the user.

1.4 CONNECTOR COMPATIBILITY: Riggers Safety harnesses are intended for use with approved connectors (e.g. snap hooks, carabiners, D-rings). ANSI/ASSE Z359.1 requires the use of self-locking snap hooks and carabiners that are compatible in size, shape and strength. Connectors must be capable of supporting at least 5,000 lbs. and must be compatible with the anchorage and other subsystem components. Non-compatible connectors may accidentally disengage (roll-out). When used properly, ANSI compliant connectors can reduce, but cannot eliminate the possibility of disengagement.

WARNING: Do not use equipment that is not compatible or non-compliant. Use of such equipment may jeopardize the safety of the user.

1.5 ANCHORAGE: before installation an anchorage site survey and hazard risk analysis must be conducted by a competent or qualified person to determine the safe ANSI/ASSE Z359.2-2007 Section 5.4 compliant installation location. A competent or qualified person must ensure that the anchorage to which the fall protection system is attached is compatible and capable of supporting static loads in the directions permitted by the application. Anchorage certification requirements are detailed in ANSI/ASSE Z359 Standards and are subject to revision. The required anchorage strength will vary based on the application. The following table shows ANSI/ASSE Z359.2-2007 requirements by application:

Table 1: Anchorage Requirements by Application

1. APPLICATION	2. QUALIFIED PERSON CERTIFIED ANCHOR	3. NON-CERTIFIED ANCHOR	4. MORE THAN 1 SYSTEM ATTACHED TO THE SAME STRUCTURE
Personal Fall Arrest	Static strength of two times maximum arresting force or 3,600 lbs.	Static strength of 5000 lbs.	Multiply (2.) & (3.) by number of systems attached
Restraint	Static strength two times foreseeable force	Static strength of 1,000 lbs.	Multiply (2.) & (3.) by number of systems attached
Work Positioning	Static strength two times foreseeable force	Static strength of 3,000 lbs.	Multiply (2.) & (3.) by number of systems attached
Ladder Climbing	Must sustain the loads required by that particular system (See ANSI/ASSE A14.3-2008 for detailed requirements)		
Personnel Riding / Suspension	Static strength two times foreseeable force	Static strength of 3,000 lbs.	Multiply (2.) & (3.) by number of systems attached
Rescue	Static strength five times the applied load	Static strength of 3,000 lbs.	Multiply (2.) & (3.) by number of systems attached
Horizontal Lifeline	Static strength two times foreseeable force	Must be certified and designed by a qualified person	N/A

 **WARNING**

WARNING: The anchor point should be above the user’s head. Do not work above the anchorage point. Never use an anchor point that prevents connecting hardware from closing or causes any form of gate loading.

Important: Non-certified anchors are those that a competent person can judge to be capable of supporting the predetermined anchor forces prescribed by the standard. Fall protection systems connected to non-certified anchors must, in all cases, limit potential free fall distance to 6 ft. or less and be equipped with an energy-absorbing device that limits maximum arrest forces to 900 lbs. or less.

1.5 TRAINING: Prior to using this equipment, it is the responsibility of both the user and the employer that supplies this equipment to ensure that they are familiar with these instructions as well as trained under safe conditions (conditions free from risk of injury or fall hazards) in the correct use, limitations, maintenance, inspection, rescue protocols,

WARNING: Failure to train users to comply with Manufacturer’s Instructions regarding use, maintenance and inspection of fall protection equipment may result in serious injury or death.

and the consequences of improper use of this equipment. The user should not attempt to use fall protection equipment including harnesses unless properly trained. Document and maintain records of all safety, equipment and application training. *Important: Training should be repeated on a periodic basis, when changes occur in company safety protocols or following any safety incident that may occur.*

2.0 OPERATION & USE

2.1 NORMAL OPERATION: the Riggers Safety harness should be attached to a compatible and ANSI compliant connector. Normal operation will allow the pivot points on the harness to match the pivot points on the body and, when adjusted properly, there should be no uncomfortable shifting while the harness is being worn. If a fall occurs, the harness will distribute dynamic force across the shoulders, thighs and pelvis. **If any PFAS equipment has been exposed to**

dynamic fall arrest forces it must be removed from service and destroyed.

2.2 BEFORE USE

Following a hazard assessment, a fall protection plan should be established prior to installing a fall protection system. Consider user safety before, during and after a fall. Important conditions and limitations to evaluate prior to use include:

A. USER: users should consult with a physician to evaluate their health, fitness level, and their ability to absorb shock from a fall arrest, or to be suspended while using fall arrest equipment. Before operating, a worker should be mentally and physically fit for the purpose, especially at heights or in confined spaces, free from influence of alcohol or drugs, and trained under safe conditions. Individuals that do not meet these minimum health requirement, minors and pregnant women should not use this equipment.

B. ANCHORAGE: a competent or qualified person must approve the anchorage point to be used in the fall protection system in accordance with ANSI and OSHA Standards outlined in Section 1.5. *Important: Only one employee fall protection system may be connected to an anchorage point at a time.*

C. FALL CLEARANCE: a competent or qualified person must calculate an appropriate fall clearance below an elevated work area that is free from obstructions to a potential fall, prior to beginning work. When calculating fall clearance the following must be considered:

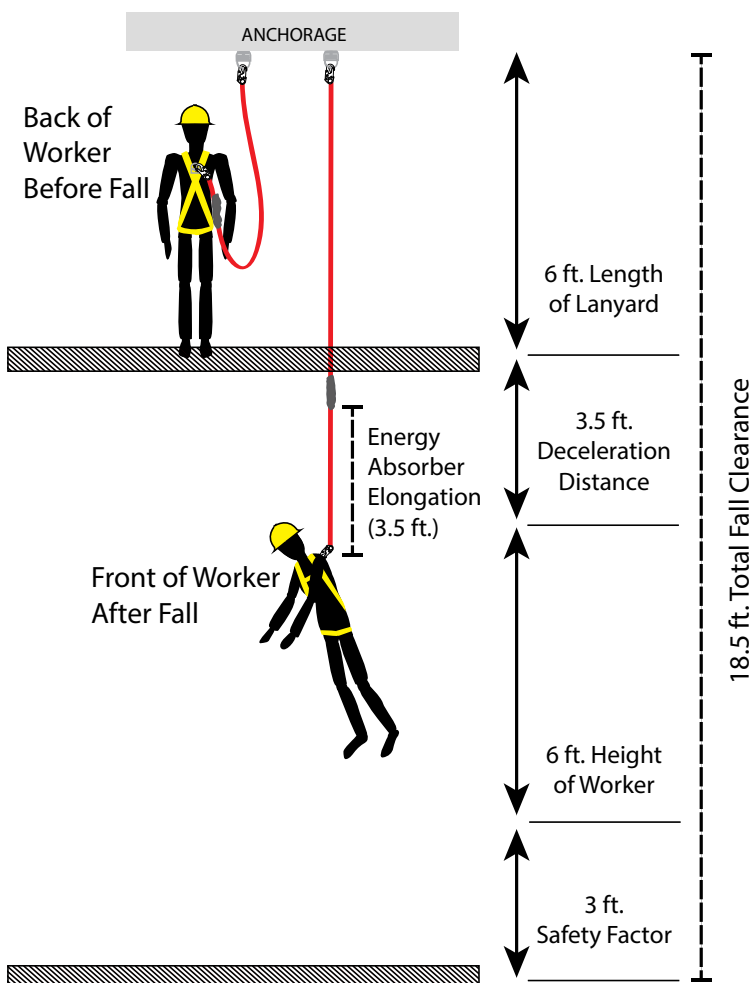
C.1 Free Fall Distance: must be limited to a maximum of 6 ft. (Distance may vary by state. Check local standards.)

C.2 Deceleration Distance: the vertical distance a falling person travels, excluding lifeline elongation and free fall distance, between the activation of the PFAS and final fall arrest. The deceleration distance must be included in the calculation of total necessary fall clearance. *Important: employment of a rope grab will increase the deceleration distance.*

C.3 Height of Worker

C.4 Connecting Subsystem: the length of the connecting subsystem must be factored into the fall clearance distance.

Figure 2: Fall Clearance Diagram



⚠ WARNING

WARNING: All PFAS are required to comply with OSHA and ANSI standards and limit free fall to 6 ft. or less. Consult local government regulations for allowable free fall distances as they may vary between ANSI, OSHA, national and local codes. Plan and confirm that there is adequate, unobstructed fall clearance to prevent the user from striking lower levels. Avoid working above the anchorage level which increases the free fall distance.

C.5 Stretch: during a fall arrest and after a fall, a harness can stretch by approximately 1 ft. and shock absorbers can elongate by an additional 3.5 ft.

C.6 Safety Factor: it is prudent to allow for an additional safety factor of 3 ft. below the fallen worker's feet.

D. SWING FALL: can occur when the worker moves laterally from the anchorage point. The impact force can cause serious injury or death. To prevent the risk of swing fall, Riggers Safety recommends that the lanyard, lifeline or other anchorage connector be installed to an anchor point that is above the user and that the user maintain a safe work zone that does not exceed 30° on either side of anchor point. The risk of swing falls will significantly increase when a self-retracting lifeline or other variable length connecting subsystem is used.

E. SHARP EDGES: Avoid working where the equipment webbing will be in contact with an abrasive or

sharp edge.

F. HAZARDS: Use of this equipment where surrounding hazards exist may result in injury to the user or damage to the equipment. Some hazards include: high heat, caustic chemicals, corrosive environments, high voltage power lines, explosive or toxic gases, moving machinery, sharp edges or unstable overhead materials that could strike a user or fall protection system components. *Important: Use caution when working near high voltage power lines; electricity can pass through the metal components and could electrocute the user.*

G. TEMPERATURE: Riggers Safety equipment is not designed for high temperature environments. Important: keep equipment away from hot surfaces, excessive heat, flames or sparks.

H. IMPACT: Any harness, lanyard or carabiner that has been subjected to fall arrest forces shall be removed from service and destroyed.

WARNING: the installer must not be exposed to a fall hazard during fall protection system installation.

I. SUSTAINED SUSPENSION: the Riggers Safety full body harness is not intended for use in sustained suspension applications. If the user is going to be suspended for an extended length of time it is recommended that some form of seat support be used.

 **WARNING**

WARNING: Do not allow fall protection equipment to be used near any physical hazards like electrical, welding, heat, severe cold, corrosive, damaging chemicals, moving machinery, sharp edges or any other hazard that can injure the employee, cause a fall or damage the equipment.

J. RESCUE: Rescue protocol must be determined prior to use and training and put in writing by the company safety professional. Rescue systems must be rigged so that no vertical free fall is possible during rescue. The employer shall provide for prompt and safe rescue in the event of a fall.

2.3 USE

A. DONNING INSTRUCTIONS: Riggers Safety harnesses have three buckle types. Please read the following table and secure your harness according to the buckle types outlined.

BUCKLE TYPE	HOW TO SECURELY FASTEN
Pass Thru Buckle	Pass male buckle through female buckle and pull free end of webbing to tighten.
Tongue Buckle	Pass webbing through buckle and insert tongue through grommet that is properly fitted and secure tongue through the elastic keeper.
Quick-Connect Buckle	Insert the tab of the buckle into the mouth of the quick connect buckle until a click is heard and the green indicator dot is showing. Then adjust to tighten.

A.1 Before donning, inspect your harness by picking it up by the dorsal D-ring. Untwist and untangle the harness. Unfasten leg and chest straps so they are open and hang freely. Once harness is untangled inspect according to instructions in Section 3.2. (Fig. 1)

A.2 With the front chest straps open, don the harness by putting your arms through the shoulder straps as one would a jacket. (Fig. 2)

A.3 Adjust the front buckles so that the sub-pelvic straps fit snugly below the buttocks. The dorsal D-ring should be positioned to rest at the middle-back between the shoulder blades; adjust accordingly. (Fig. 3) Secure the sub-pelvic strap in place by bending slightly forward from the hips and reaching between the legs for leg straps.

A.4 Attach leg straps to hip connectors. (Fig. 4) Adjust leg straps by sliding excess webbing through male adjuster buckle so that the leg straps are appropriately snug (an open hand should fit between thigh and leg strap). (Fig. 4) Connect chest strap and position across the mid-chest. (Fig. 5)

A.5 Readjust so that the chest strap fits comfortably snug, but not so that the shoulder straps are pulled inward. Female users should position chest strap slightly above breast level as is comfortable for the user. Secure loose straps. (Fig. 5)

A.6 Ensure all adjusted buckles are fully closed and locked to prevent accidental disengagement. (Fig. 6 & 7)

Important: remove all object from pants and shirt pockets before working in the harness.

Figure 3: Donning Chart



B. CONNECT: Connecting subsystems (e.g. SRLs, lanyards, rope grabs and lifelines) must be suitable for your application. See subsystem manufacturer's instructions for more information on making connections.

Connectors must be suitable for your application and compatible in size, shape and strength with this equipment. Ensure all connectors are fully closed and locked. Riggers Safety repelling harness models have web loop connection points. Do not use snap hooks to connect to web loops; instead use a self-locking carabiner to connect to a web loop. Ensure the carabiner cannot cross-gate load (load against the gate rather than along the backbone of the carabiner). See connector manufacturer's instructions for more information on making connections. Self-locking snap hooks and carabiners should be used to reduce the possibility of roll-out.

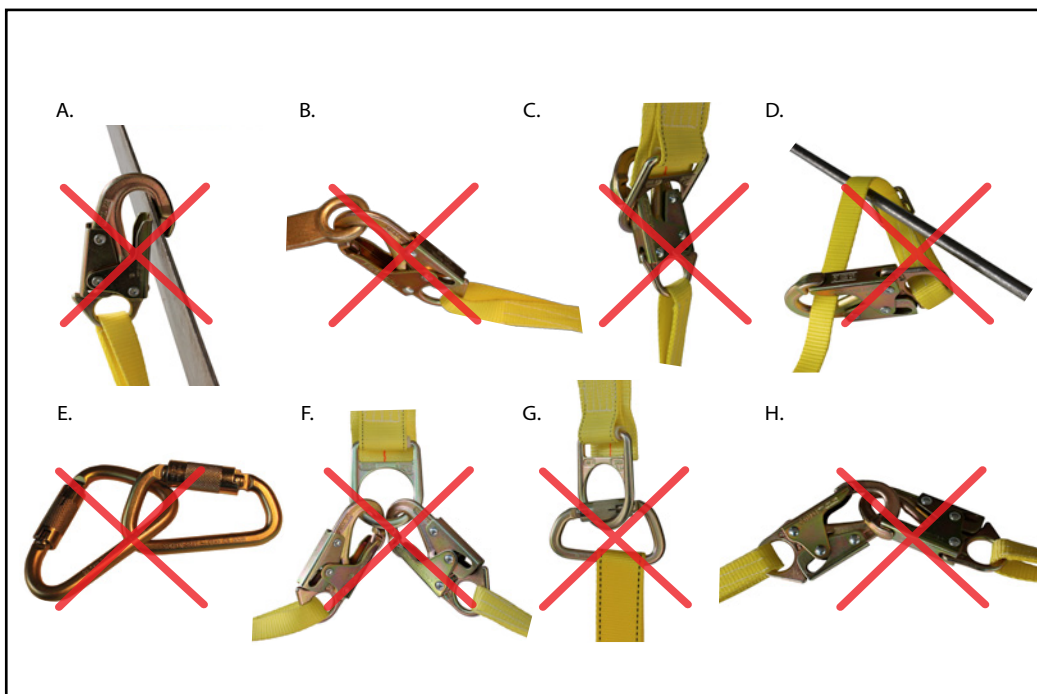
B.1 Limit risk of roll-out:

1. Do not use carabiner or snap hook that will not completely close and lock over the attachment. (Fig. 4.A)
2. Do not connect to small rings or other non-compatible anchors (Fig. 4.B)
3. Ensure that carabiner or snap hook has completely closed and fully engaged to the anchor point. (Fig. 4.C)
4. Do not loop lanyard or rope through carabiner or snap hook and tie-back. (Fig. 4.D)

5. Do not connect carabiners or snap hooks to other carabiners or snap hooks. (Fig. 4.E and 4.H)
6. Do not install more than one snap hook or carabiner into a single connection. (Fig. 4.F)

7. Connect carabiner so that the load is only on the carabiner's fixed steel portion. Never allow load to be directed to the gate. (Fig. 4.G)

Figure 4: Inappropriate Connections



3.0 INSPECTION

3.1 FREQUENCY

A. INSPECT PRIOR TO USE: OSHA and ANSI Standards require that the user or a competent or qualified person inspect the Riggers Safety harness according to the inspection guidelines listed in Section 3.2 as well as all subsystem components and connectors attached and/or used in conjunction with the harness as per Manufacturer's Instructions.

B. INSPECT ANNUALLY: ANSI/ASSE Z359.1 requires that a formal inspection of

 **WARNING**

WARNING: Rescue protocol must be determined prior to use and training and put in writing by the company safety professional. Do not allow fall protection equipment to be used near any physical hazards like electrical, welding, heat, severe cold, corrosive, damaging chemicals, moving machinery, sharp edges or any other hazard that can injure the employee, cause a fall or damage the equipment. If fall occurs, the operator must await rescue and must not manipulate the shock-absorbing lanyard. The employer shall provide for prompt and safe rescue in the event of a fall.

harnesses and all subsystem components and connectors be completed by a competent or qualified person other than the user at least annually. This is subject to local, state, federal and provincial law, which can require more than one inspection a year. More frequent inspections by a competent person may also be required based on the nature and severity of workplace conditions affecting the equipment and the modes of use and exposure time of the equipment.

B.1 Record: Record inspection results in this manual and on device label. Keep records on file. If in doubt about the safety or condition of any equipment, immediately remove it from service and have it inspected by a competent or qualified person.

C. AFTER A FALL ARREST: IF EQUIPMENT IS EXPOSED TO FALL FORCES, IT MUST BE IMMEDIATELY REMOVED FROM SERVICE AND DESTROYED.

Table 2: ANSI Z359.14 Inspection Requirements

Types of Use	Application Examples	Conditions of Use	Inspection Frequency by a Competent Person
Infrequent to light	Rescue & Confined space, Factory maintenance	Good storage conditions, indoor or infrequent outdoor use, room temperature, clean environments	Annually
Moderate to heavy	Transportation, Residential construction, Utilities, Warehouse	Fair storage conditions, indoor and extended outdoor use, all temperatures, clean or dusty environments	Semi-annually to annually
Severe to continuous	Commercial construction, Oil & Gas, Mining	Harsh storage conditions, prolonged or continuous outdoor use, all temperatures, dirty environment	Monthly

 **WARNING**

WARNING: EXTREME WORKING CONDITIONS MAY REQUIRE THAT THE USER INSPECT EQUIPMENT MORE FREQUENTLY. READ AND FOLLOW ALL INSTRUCTIONS, MARKINGS AND/OR LABELS ON THIS EQUIPMENT. MARKINGS AND LABELS SHOULD BE INTACT AND LEGIBLE.

3.2 INSPECTION STEPS

A. Pick up your harness by the dorsal D-ring and untangle. Unfasten leg and chest straps so they are open and hang freely.

B. Visually inspect harness hardware (buckles, D-rings, back pad, loop keepers, grommets): These items must not be damaged or broken or show signs of corrosion, defects, cracks, sharp edges, burns, dents, deformation, distortion or missing parts. The D-rings should pivot freely. Attachments of buckles should be given special attention:

B.1 Tongue Buckle: the tongue receives heavy wear from repeated buckling and unbuckling. Inspect and remove from service any harness with loose, distorted or broken grommets or webbing with additional punched holes.

B.2 Quick Connect Buckle: inspect the quick connect buckle by ensuring that it fully engages and the release tabs work freely.

B.3 Pass-Thru Buckle: inspect the buckle for distortion ensuring that the outer bars and center bars are be straight. Pay special attention to corners and attachment points at the center bar.

C. Visually inspect harness webbing by beginning at one end and bending a portion of approximately 6 in. into a “U” between hands: Webbing should not show any kinks, broken strands, cuts, burns, corrosion, welding splatter, paint coating and excessive abrasion. The webbing must also be free of knots throughout its length. Inspect for excessive soiling and rust staining. Inspect for chemical or heat damage indicated by brown, discolored, or brittle areas. Inspect

for ultraviolet damage indicated by discoloration and the presence of splinters and slivers on the webbing surface.

D. Visually inspect impact indicators: Fall arrest impact indicators give a permanent, readily visible warning if the harness has arrested a fall (or has been subjected to an equivalent force). Impact indicators must be inspected before each use. If the impact indicator has been activated the harness must be removed from service and destroyed. Each harness includes one of the following built-in fall arrest impact indicators: Stitched impact indicator: The stitched impact indicator is a section of webbing that is lapped back on itself and secured with a specific stitch pattern holding the lap. The stitch pattern is designed to release when the harness arrests a fall or has been subjected to an equivalent force.

E. All labels and markings must be fully intact and easy to read. Never remove a label from a piece of equipment.

F. Inspect connecting carabiners and snap hooks per manufacturer’s instructions.

G. Inspect each system or subsystem component per manufacturer’s instructions.

H. Log inspection on device label and on the last page of the manual.



WARNING

WARNING: If equipment fails inspection, do not attempt to alter or repair. All fall protection equipment that fails inspection or is exposed to fall arrest forces must be permanently removed from service and destroyed.

4.0 MAINTENANCE

4.1 CLEANING: Periodically or as needed, clean the Riggers Safety harness with cold water and mild soap. After washing, thoroughly rinse harness with clear water and hang to dry (away from sunlight or high heat). Important: an excessive buildup of dirt, chemicals, sweat or paint may weaken or damage the functionality of equipment. Do not machine wash or clean with solvent agents, acids etc.

WARNING: If the harness contacts corrosives or acids, remove unit from service, neutralize and wash with water and mild soap. Inspect unit before returning to service.

4.2 STORAGE: store in a cool, dry, clean environment. Precautions should be taken to avoid prolonged exposure to sunlight and/or fluorescent lights, which can degrade equipment. Never store in areas where the harness could come into contact with chemicals, moisture or other corrosive substances. This equipment must be kept away from contact with heat or sharp, abrasive surfaces. *Important: Do not store in sealed plastic bags. Inspect the harness according to Section 3.2 after extended storage.*


5.0 SPECIFICATIONS

Current Part #	2016 Part #	Description
H21101	H200	H-Series Yellow-Web Pass-Thru Buckle, Size Small Harness: 1 Steel D-Ring, Non-Repel, 5 Adjust. Points
H21102	H201	H-Series Yellow-Web Pass-Thru Buckle, Size Uni. Harness: 1 Steel D-Ring, Non-Repel, 5 Adjust. Points
H21103	H206	H-Series Yellow-Web Pass-Thru Buckle, Size XL Harness: 1 Steel D-Ring, Non-Repel, 5 Adjust. Points
H21104	H303	H-Series Yellow-Web Tongue Buckle, Size Small Harness: 1 Steel D-Ring, Non-Repel, 5 Adjust. Points
H21105	H300	H-Series Yellow-Web Tongue Buckle, Size Uni. Harness: 1 Steel D-Ring, Non-Repel, 5 Adjust. Points
H21106	H306	H-Series Yellow-Web Tongue Buckle, Size XL Harness: 1 Steel D-Ring, Non-Repel, 5 Adjust. Points
H21107		H-Series Yellow-Web Quick Connect Buckle, Size Small Harness: 1 Steel D-Ring, Non-Repel, 5 Adjust. Points
H21108		H-Series Yellow-Web Quick Connect Buckle, Size Uni. Harness: 1 Steel D-Ring, Non-Repel, 5 Adjust. Points
H21109		H-Series Yellow-Web Quick Connect Buckle, Size XL Harness: 1 Steel D-Ring, Non-Repel, 5 Adjust. Points
H23101		H-Series Yellow-Web Pass-Thru Buckle, Size Small Harness: 3 Steel D-Ring, Non-Repel, 5 Adjust. Points
H23102	H230	H-Series Yellow-Web Pass-Thru Buckle, Size Uni. Harness: 3 Steel D-Ring, Non-Repel, 5 Adjust. Points
H23103	H236	H-Series Yellow-Web Pass-Thru Buckle, Size XL Harness: 3 Steel D-Ring, Non-Repel, 5 Adjust. Points
H23104		H-Series Yellow-Web Tongue Buckle, Size Small Harness: 3 Steel D-Ring, Non-Repel, 5 Adjust. Points
H23105		H-Series Yellow-Web Tongue Buckle, Size Uni. Harness: 3 Steel D-Ring, Non-Repel, 5 Adjust. Points


H23106		H-Series Yellow-Web Tongue Buckle, Size XL Harness: 3 Steel D-Ring, Non-Repel, 5 Adjust. Points
H23107		H-Series Yellow-Web Quick Connect Buckle, Size Small Harness: 3 Steel D-Ring, Non-Repel, 5 Adjust. Points
H23108		H-Series Yellow-Web Quick Connect Buckle, Size Uni. Harness: 3 Steel D-Ring, Non-Repel, 5 Adjust. Points
H23109		H-Series Yellow-Web Quick Connect Buckle, Size XL Harness: 3 Steel D-Ring, Non-Repel, 5 Adjust. Points
H32101		Elite Series, Black-Web Pass-Thru Buckle, Size Small Harness: 1 Aluminum D-Ring, Non-Repel, 5 Adjust. Points
H32102	H260	Elite Series, Black-Web Pass-Thru Buckle, Size Uni. Harness: 1 Aluminum D-Ring, Non-Repel, 5 Adjust. Points
H32103		Elite Series, Black-Web Pass-Thru Buckle, Size XL Harness: 1 Aluminum D-Ring, Non-Repel, 5 Adjust. Points
H32104		Elite Series, Black-Web Tongue Buckle, Size Small Harness: 1 Aluminum D-Ring, Non-Repel, 5 Adjust. Points
H32105	H263	Elite Series, Black-Web Tongue Buckle, Size Uni. Harness: 1 Aluminum D-Ring, Non-Repel, 5 Adjust. Points
H32106		Elite Series, Black-Web Tongue Buckle, Size XL Harness: 1 Aluminum D-Ring, Non-Repel, 5 Adjust. Points
H32204		Elite Series, Black-Web Tongue Buckle, Size Small Harness: 1 Aluminum D-Ring, Repel, 5 Adjust. Points
H32205		Elite Series, Black-Web Tongue Buckle, Size Uni. Harness: 1 Aluminum D-Ring, Repel, 5 Adjust. Points
H32206		Elite Series, Black-Web Tongue Buckle, Size XL Harness: 1 Aluminum D-Ring, Repel, 5 Adjust. Points
H32107		Elite Series, Black-Web Quick Connect Buckle, Size Small Harness: 1 Aluminum D-Ring, Non-Repel, 5 Adjust. Points
H32108	H264	Elite Series, Black-Web Quick Connect Buckle, Size Uni. Harness: 1 Aluminum D-Ring, Non-Repel, 5 Adjust. Points
H32109	H266	Elite Series, Black-Web Quick Connect Buckle, Size XL Harness: 1 Aluminum D-Ring, Non-Repel, 5 Adjust. Points
H34207	H433	Elite Series, Black-Web Quick Connect Buckle, Size Small Harness: 3 Aluminum D-Ring, Repel, 5 Adjust. Points
H34208	H431	Elite Series, Black-Web Quick Connect Buckle, Size Uni. Harness: 3 Aluminum D-Ring, Repel, 5 Adjust. Points
H34209		Elite Series, Black-Web Quick Connect Buckle, Size XL Harness: 3 Aluminum D-Ring, Repel, 5 Adjust. Points
H34101		Elite Series, Black-Web Pass-Thru Buckle, Size Small Harness: 3 Aluminum D-Ring, Non-Repel, 5 Adjust. Points
H34102		Elite Series, Black-Web Pass-Thru Buckle, Size Uni. Harness: 3 Aluminum D-Ring, Non-Repel, 5 Adjust. Points
H34103		Elite Series, Black-Web Pass-Thru Buckle, Size XL Harness: 3 Aluminum D-Ring, Non-Repel, 5 Adjust. Points
H34201		Elite Series, Black-Web Pass-Thru Buckle, Size Small Harness: 3 Aluminum D-Ring, Repel, 5 Adjust. Points
H34202	H231	Elite Series, Black-Web Pass-Thru Buckle, Size Uni. Harness: 3 Aluminum D-Ring, Repel, 5 Adjust. Points
H34203		Elite Series, Black-Web Pass-Thru Buckle, Size XL Harness: 3 Aluminum D-Ring, Repel, 5 Adjust. Points
H34104		Elite Series, Black-Web Tongue Buckle, Size Small Harness: 3 Aluminum D-Ring, Non-Repel, 5 Adjust. Points
H34105	H330	Elite Series, Black-Web Tongue Buckle, Size Uni. Harness: 3 Aluminum D-Ring, Non-Repel, 5 Adjust. Points
H34106		Elite Series, Black-Web Tongue Buckle, Size XL Harness: 3 Aluminum D-Ring, Non-Repel, 5 Adjust. Points
H34107		Elite Series, Black-Web Quick Connect Buckle, Size Small Harness: 3 Aluminum D-Ring, Non-Repel, 5 Adjust. Points
H34108		Elite Series, Black-Web Quick Connect Buckle, Size Uni. Harness: 3 Aluminum D-Ring, Non-Repel, 5 Adjust. Points
H34109		Elite Series, Black-Web Quick Connect Buckle, Size XL Harness: 3 Aluminum D-Ring, Non-Repel, 5 Adjust. Points
H31101		Elite Series, Black-Web Pass-Thru Buckle, Size Small Harness: 1 Steel D-Ring, Non-Repel, 5 Adjust. Points
H31102		Elite Series, Black-Web Pass-Thru Buckle, Size Uni. Harness: 1 Steel D-Ring, Non-Repel, 5 Adjust. Points

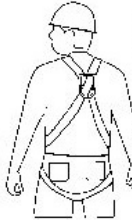
H31103		Elite Series, Black-Web Pass-Thru Buckle, Size XL Harness: 1 Steel D-Ring, Non-Repel, 5 Adjust. Points
H31104		Elite Series, Black-Web Tongue Buckle, Size Small Harness: 1 Steel D-Ring, Non-Repel, 5 Adjust. Points
H31105		Elite Series, Black-Web Tongue Buckle, Size Uni. Harness: 1 Steel D-Ring, Non-Repel, 5 Adjust. Points
H31106		Elite Series, Black-Web Tongue Buckle, Size XL Harness: 1 Steel D-Ring, Non-Repel, 5 Adjust. Points
H31204		Elite Series, Black-Web Tongue Buckle, Size Small Harness: 1 Steel D-Ring, Repel, 5 Adjust. Points
H31205		Elite Series, Black-Web Tongue Buckle, Size Uni. Harness: 1 Steel D-Ring, Repel, 5 Adjust. Points
H31206		Elite Series, Black-Web Tongue Buckle, Size XL Harness: 1 Steel D-Ring, Repel, 5 Adjust. Points
H31107		Elite Series, Black-Web Quick Connect Buckle, Size Small Harness: 1 Steel D-Ring, Non-Repel, 5 Adjust. Points
H31108		Elite Series, Black-Web Quick Connect Buckle, Size Uni. Harness: 1 Steel D-Ring, Non-Repel, 5 Adjust. Points
H31109		Elite Series, Black-Web Quick Connect Buckle, Size XL Harness: 1 Steel D-Ring, Non-Repel, 5 Adjust. Points
H31207		Elite Series, Black-Web Quick Connect Buckle, Size Small Harness: 1 Steel D-Ring, Repel, 5 Adjust. Points
H31208		Elite Series, Black-Web Quick Connect Buckle, Size Uni. Harness: 1 Steel D-Ring, Repel, 5 Adjust. Points
H31209		Elite Series, Black-Web Quick Connect Buckle, Size XL Harness: 1 Steel D-Ring, Repel, 5 Adjust. Points
H33101		Elite Series, Black-Web Pass-Thru Buckle, Size Small Harness: 3 Steel D-Ring, Non-Repel, 5 Adjust. Points
H33102		Elite Series, Black-Web Pass-Thru Buckle, Size Uni. Harness: 3 Steel D-Ring, Non-Repel, 5 Adjust. Points
H33103		Elite Series, Black-Web Pass-Thru Buckle, Size XL Harness: 3 Steel D-Ring, Non-Repel, 5 Adjust. Points
H33201		Elite Series, Black-Web Pass-Thru Buckle, Size Small Harness: 3 Steel D-Ring, Repel, 5 Adjust. Points
H33202		Elite Series, Black-Web Pass-Thru Buckle, Size Uni. Harness: 3 Steel D-Ring, Repel, 5 Adjust. Points
H33203		Elite Series, Black-Web Pass-Thru Buckle, Size XL Harness: 3 Steel D-Ring, Repel, 5 Adjust. Points
H33104		Elite Series, Black-Web Tongue Buckle, Size Small Harness: 3 Steel D-Ring, Non-Repel, 5 Adjust. Points
H33105		Elite Series, Black-Web Tongue Buckle, Size Uni. Harness: 3 Steel D-Ring, Non-Repel, 5 Adjust. Points
H33106		Elite Series, Black-Web Tongue Buckle, Size XL Harness: 3 Steel D-Ring, Non-Repel, 5 Adjust. Points
H33107		Elite Series, Black-Web Quick Connect Buckle, Size Small Harness: 3 Steel D-Ring, Non-Repel, 5 Adjust. Points
H33108		Elite Series, Black-Web Quick Connect Buckle, Size Uni. Harness: 3 Steel D-Ring, Non-Repel, 5 Adjust. Points
H33109		Elite Series, Black-Web Quick Connect Buckle, Size XL Harness: 3 Steel D-Ring, Non-Repel, 5 Adjust. Points
H41301		Alpha Series, Red-Web Pass-Thru Buckle, Size Small Harness: 1 Steel D-Ring, Padded, Non-Repel, 5 Adjust. Points
H41302		Alpha Series, Red-Web Pass-Thru Buckle, Size Uni. Harness: 1 Steel D-Ring, Padded, Non-Repel, 5 Adjust. Points
H41303		Alpha Series, Red-Web Pass-Thru Buckle, Size XL Harness: 1 Steel D-Ring, Padded, Non-Repel, 5 Adjust. Points
H41304	H401	Alpha Series, Red-Web Tongue Buckle, Size Small Harness: 1 Steel D-Ring, Padded, Non-Repel, 5 Adjust. Points
H41305	H400	Alpha Series, Red-Web Tongue Buckle, Size Uni. Harness: 1 Steel D-Ring, Padded, Non-Repel, 5 Adjust. Points
H41306	H403	Alpha Series, Red-Web Tongue Buckle, Size XL Harness: 1 Steel D-Ring, Padded, Non-Repel, 5 Adjust. Points
H41307		Alpha Series, Red-Web Quick Connect Buckle, Size Small Harness: 1 Steel D-Ring, Padded, Non-Repel, 5 Adjust. Points
H41308		Alpha Series, Red-Web Quick Connect Buckle, Size Uni. Harness: 1 Steel D-Ring, Padded, Non-Repel, 5 Adjust. Points
H41309		Alpha Series, Red-Web Quick Connect Buckle, Size XL Harness: 1 Steel D-Ring, Padded, Non-Repel, 5 Adjust. Points

LABELS:

RIGGERS SAFETY  **WARNING**

Serious injury or death can occur due to failure to comply with manufacturer's instructions included with equipment at time of shipment from manufacturer. Instructions regarding application, limitations, inspection and maintenance should be read and followed prior to applying this equipment to personal fall arrest system (PFAS). Instructions should be available at all times for reference. Other PFAS components connected to this equipment must be ANSI compliant and compatible. All PFAS components must be inspected prior to each use and at least annually by a competent person. If equipment does not meet inspection criteria outlined in manual and/or if subject to fall arrest forces remove from service immediately.

RIGGERS SAFETY  **MADE IN USA**

 Attach snap hook on the end of lanyard directly to D ring on back of harness.

INSPECTION LOG

		J	F	M	A	M	J	J	A	S	O	N	D
YEAR													

IN SERVICE DATE:
Record all equipment as pass or fail. If equipment fails, remove from service immediately.

DO NOT REMOVE



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