INTRODUCTION
Thank you for purchasing an SAFEWAZE™ full body fall protection harness. This manual must be read and understood in its entirety, and all fall protection equipment used in conjunction with the full body harness must be properly installed and maintained. This manual and any other instructional material must be available to the user of the equipment. The user must understand how to safely and effectively use their full body harness, and all fall protection equipment used in conjunction with the full body harness.

APPLICABLE SAFETY STANDARDS
When used according to instructions, harnesses included in this manual meet all applicable ANSI Z359.1 standards and OSHA-regulations for fall protection. Applicable standards and regulations depend on the type of work being done, and may include state-specific regulations. Refer to local, state, and federal (OSHA) requirements for additional information concerning the governing of occupational safety regarding Personal Fall Arrest Systems (PFAS).

Worker Classifications
Understand the definitions of those who work in proximity of or may be exposed to fall hazards.

Qualified Person: "Qualified" means one who, by possession of a recognized degree, certificate, or professional standing, or by evidence of knowledge, training, and experience, has successfully demonstrated his ability to solve or resolve problems relating to the subject matter, the work, or the project.

Competent Person: "Competent person" means one who is capable of identifying existing and predictable hazards in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees, and who has been authorized to take prompt corrective measures to eliminate them.

Authorised Person: "Authorised person" means a person approved or assigned by the employer to perform a specific task or duty or to be at a specific location or locations at the job site.

It is the responsibility of a Qualified or Competent person to supervise the job site and ensure safety regulations are complied with.

Product Specific Applications
Purpose: The SAFEWAZE™ PRO PLUS, PRO, and V-LINE series of full body harnesses are designed to be used as part of a Personal Fall Arrest System (PFAS).

- A competent person shall train others on this equipment in accordance with OSHA and ANSI.
- SAFEWAZE™ full body harnesses shall have a minimum capacity of 5,000 lbs. (22.3 kN).
- All connectors must be compatible in size, shape, and strength. Self-locking snap hooks and carabiners are required by ANSI Z359.12 and are equipped with a 3,600 lb (16 kN) gate. Check the markings on your harness to verify its compatibility.

Swing Falls: Prior to installation or use, make sure to follow the instructions in the manual for each harness model to ensure the harness is properly installed. Swing falls occur when the anchor is not directly above the location where a fall occurs. Always work as close to the anchor point as possible. Swing falls significantly increase the likelihood of serious injury or death in the event of a fall. See Figure 2.

COMPATIBILITY OF CONNECTORS
Connectors are compatible with connecting elements when they have been designed to work together in such a way that their sizes and shapes do not cause their gate mechanisms to inadvertently open regardless of how they are oriented. Connectors (hooks, carabiners, and D-rings) must be capable of supporting at least 5,000 lbs. (22.3 kN). Connectors must be compatible with the anchor or other system components (see Figure 4). Do not use equipment that is not compatible. Non-compatible connectors may inadvertently disengage (see Figure 2). Connectors must be compatible in size, shape, and strength. Self-locking snap hooks and carabiners are required by ANSI Z359.12 and OSHA guidelines. Contact SAFEWAZE™ if you have any questions about compatibility.

NOTE: SOME SPECIALTY CONNECTORS HAVE ADDITIONAL REQUIREMENTS. CONTACT SAFEWAZE™ WITH QUESTIONS.

MAXING CONNECTIONS
Snap hooks and carabiners used with this equipment must be double locking and/or heel lock. Ensure all connectors are compatible in size, shape, and strength. Do not use equipment that is not compatible. Ensure all connectors are fully closed and locked.

SAFWAZE™ connectors (snap hooks and carabiners) are designed to be used only as specified in each product’s user’s instructions. See figure 4 for examples of incompatible connections. Do not connect snap hooks and carabiners:
- To a D-ring to which another connector is attached.
- In a manner that would result in a load on the gate (with the exception of the back hooks). NOTE: Large snap hooks must not be connected to objects which will result in a load on the gate of the hook heads or rotators. Snap hooks marked with ANSI Z359.1-2007 or ANSI Z359.12 and equipped with a 3,600 lb (16 kN) gate. Check the markings on your snap hook to verify it is compatible.

NOTE: Large throat snap hooks must not be connected to standard size D-rings or similar objects which will result in a load on the gate of the hook heads or rotators, unless the snap hook complies with ANSI Z359.1-2007 or ANSI Z359.12 and is equipped with a 3,600 lb (16 kN) gate. Check the markings on your snap hook to verify that it is appropriate for your application.

In a false engagement, where features that protrude from the snap hook or carabiner catch on the anchor, and without visual confirmation seems to be fully engaged to the anchor point:
- To each other.
- By wrapping the web lifeline around an anchor and securing to lifeline except as allowed for Tie Back models.
- To any object which is shaped or sized in a way that the snap hook or carabiner will not close and lock, or that roll-out could occur.
- In a manner that does not allow the connector to align properly while loaded.

User Information
Date of First Use: ____________________________
Serial #: ____________________________
Trainer: ____________________________
User: ____________________________

Do not throw away these instructions!
Read and understand these instructions before using equipment!

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FIGURE 1: FALL CLEARANCE DIAGRAM

For all applications, worker weight capacity range (including all clothing, tools, and equipment) is 100-310 lbs.

Fall Clearance Diagram

- Connectors must be compatible in size, shape, and strength. Self-locking snap hooks and carabiners are required by ANSI Z359.12 and OSHA guidelines. Contact SAFEWAZE™ if you have any questions about compatibility.

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FIGURE 4 - INAPPROPRIATE CONNECTIONS

- In a false engagement, where features that protrude from the snap hook or carabiner catch on the anchor, and without visual confirmation seems to be fully engaged to the anchor point:
- To each other.
- By wrapping the web lifeline around an anchor and securing to lifeline except as allowed for Tie Back models.
- To any object which is shaped or sized in a way that the snap hook or carabiner will not close and lock, or that roll-out could occur.
- In a manner that does not allow the connector to align properly while loaded.
Donning of Harness

2. Ensure proper location of the chest strap on vest style harnesses. The chest strap should lay directly on the chest. A chest strap positioned too high may have a choking effect on a user in the event of a fall. A chest strap positioned too low in the back may cause injury to the user.
3. Lift chest, leg, or waist strap and buckle it into place.
4. Strap should be adjusted as snug as possible without being uncomfortable.
5. Ensure that Dorsal D-ring is located in the center of users back between the shoulder blades.

Proper Fit of Harness

Improper fitting of a SAFEWAZE™ full body harness can result in serious injury or death in the event of a fall. Proper time and care should be taken to ensure that the harness is properly fitted based upon sizing, weight of worker, and the individual's ability to withstand fall arrest forces. Women who are pregnant, individuals with reduced physical fitness, or who have certain health conditions should consult their doctor prior to using the harness.

- Ensure proper location of the chest strap on vest style harnesses. The chest strap should be adjusted so it is centered on the chest.
- Ensure that Dorsal D-ring is located in the center of users back between the shoulder blades. The Dorsal D-ring should be in a position where the user can grab it with his/her hand by reaching over the shoulder.
- SAFEWAZE™ full body harnesses may come equipped with additional D-rings at various locations on the harness including chest, shoulder, and hips. The only D-ring that can be utilized for fall arrest is the Dorsal D-ring. Hip D-rings are to be used for positioning only, and all criteria for positioning shall be in accordance with OSHA 1926.502(e).
- For SAFEWAZE™ full body harnesses equipped with integral positioning tool belts, the belt shall be worn in a manner around the user's waist that will not cause injury in the event of a fall.
- If the harness is a pullover X-style harness, the user must place the harness over top of the user's shoulders in the event of a head first fall.

Maintenance & Storage

SAFEWAZE™ harnesses can be cleaned with water and mild soap and hung to air dry. Do not use chemical cleaners, harsh detergents, or solvents. Do not dry harness with heat.

SAFEWAZE™ harnesses should be stored in a cool, dry, and clean environment. Do not store in direct sunlight or where chemical vapors could come in contact with the harness.

Loose leg straps can result in excessive "harness effect" which can cause injury to a user in the event of a fall. Loose leg straps can also contribute to a choking effect of the chest strap. Leg straps should be adjusted as snug as possible without being uncomfortable.

- Users should consult with their doctor to verify ability to safely absorb the forces of a fall arrest event. Fitness level, age, and other health conditions can greatly affect an individual's ability to withstand fall arrest forces. Women who are pregnant, individuals with reduced physical fitness, or who have certain health conditions should consult their doctor prior to using the harness.
- Users should wear harnesses that are compatible with their equipment. Harnesses that are incompatible with equipment must be replaced.
- Users should wear harnesses that are not marked "unsuitable for use". Harnesses that are marked "unsuitable for use" must be replaced.
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Warranty

SAFEWAZE™ warrants its products are free from defects in materials and construction under normal use and service. Liability is not accepted for abuse, modification, improper use, destructive activity and contaminated exposure.

SAFEWAZE™ full body harnesses shall be inspected prior to each use by the user and at least annually by a Competent Person. Annual inspections shall be documented. Severity of conditions during use may necessitate increased frequency of documented inspections. Harnesses that fail inspection MUST be removed from service and destroyed immediately.

Inspection

- SAFEWAZE™ full body harnesses shall be inspected prior to each use by the user and at least annually by a Competent Person. Annual inspections shall be documented. Severity of conditions during use may necessitate increased frequency of documented inspections. Harnesses that fail inspection MUST be removed from service and destroyed immediately.
- All components of the harness shall be inspected. Hardware inspection will include all buckles, D-rings, back/leg pads, lanyard keepers, and grommets. Buckles, D-rings, and adjusters should have smooth surfaces with no indication of corrosion or damage that could negatively impact harness welding.
- Harness welding, buckles, belts, and other components must be inspected for:

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<tr>
<th>Date</th>
<th>Inspection Items Noted</th>
<th>Corrective Action</th>
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