HOLD-ME®

LIFELINE TERMINATION ANCHOR

FIELD USE INSTRUCTION

Rev A

This manual is supplied to provide “Manufacturer’s Instructions” as required by ANSI. It should also be used in safety training programs for employees as per OSHA regulations.

This manual is NOT a compliance guide for regulations, nor is it a training guide for other types of safety matters such as travel restraint, equipment/work positioning, or fall arrest systems. The instructions provided by the manufacturer of each piece of equipment in your fall arrest system must be strictly followed. Worksite-specific calculations and installations should only be carried out by workers who have received professional training to perform such work. These professionally trained workers should also obtain all necessary information before such work begins.

Bee Access reserves the right to change the specifications of the products listed in this instruction manual The Bee Access HOLD-ME® Lifeline Termination Anchor® must be used with other necessary fall protection equipment and is not a stand-alone fall protection system. Each component used in a complete fall protection system must meet or exceed applicable regulations as required by governing local, state, federal, and/or provincial authorities. The contents of this manual must be read and understood in their entirety by the worker before using this or any fall arrest system. The COMPLETE directions on the use of the equipment contained in this manual must be read carefully and followed strictly so that the worker will understand the proper means of use and methods of inspection and maintenance for the equipment. Any changes made to this equipment, misuse of this equipment, or failure to follow directions concerning the use of this equipment could result in property damage, serious and/or permanent injury, or death. For any questions about this equipment, please contact your equipment supplier or Bee Access.

FOR WORKERS AND BYSTANDERS, SAFETY IS A MATTER OF LIFE OR DEATH WHEREVER THE RISK OF A FALL HAZARD EXISTS.

CONTENTS

WARNINGS

BEFORE USING THE HOLD-ME® LIFELINE TERMINATION ANCHOR

1. For the sake of safety, this manual must be read and understood, in its entirety, by the worker before using the HOLD-ME® Lifeline Termination Anchor. All of the instructions contained in this manual must be adhered to.
2. A legible copy of this manual must be available to all workers and their supervisors at all times. To obtain extra copies of this manual, please contact Bee Access or visit beeaccess.com.
3. It is the responsibility of the worker, and their employer if their work is directed by an employer, to conform strictly to all the warnings and instructions contained in this manual. Failure to conform to these warnings and instructions would place any incident and its consequences directly under the responsibility of the worker and their employer.
4. A competent person who is fully aware of the safety regulations that apply for the use, control, maintenance, and replacement of the fall arrest system must have authority over any professional use of the equipment.
5. If any operating instructions, warnings, or capacity specifications as depicted in this manual are absent or obscured on the HOLD-ME® Lifeline Termination Anchor (Figure 5, Page 16), DO NOT USE IT. When such a condition exists, contact your equipment supplier or Bee Access for further instructions.
6. Any equipment used in conjunction with the Bee Access, HOLD-ME® Lifeline Termination Anchor that together comprises the full fall arrest system must comply with all applicable local, state, federal, and provincial safety regulations. Each piece of equipment in this system must be compatible with all other pieces of equipment in the system, including the HOLD-ME™ Lifeline Termination Anchor. Bee Access is not liable for incidents resulting from use of non-compliant equipment with the HOLD-ME® Lifeline Termination Anchor.
7. The lifeline safety rope that is used with the HOLD-ME® Lifeline Termination Anchor must comply with the specifications indicated in this manual (Section A.2.1). Use of non-compliant lifeline rope with the HOLD-ME® Lifeline Termination Anchor can result in a fatal hazard. Lifeline safety rope inventories must be managed with permanent identifying markings to prevent the use of non-compliant rope with the HOLD-ME® Lifeline Termination Anchor.

MATTERS OF TRAINING AND COMPETENCY REQUIREMENTS

8. Use the HOLD-ME® Lifeline Termination Anchor only if you have received proper training. Falls can result in serious injury, disability, or death of the worker and/or bystanders.
9. A worker's health should be compatible with the possible operation of the fall arrest system that they will use.
10. A worker must meet these criteria:

    A. must not be under the influence of alcohol or drugs;

    B. is competent to perform the job they are assigned;

    C. be physically and mentally fit for the job, including work performed in confined spaces or at heights;

    D. is both familiar with all safety rules, requirements, and regulations that apply to the work and with the equipment to be used in performing it;

    E. has received thorough training in a safe manner for working in conformance with the above criteria.
11. A worker's training must include the control and maintenance of the equipment along with the ability to recognize when equipment must be replaced or overhauled. This training must take place in a safe environment that does not include the risk of falling. A worker's training must include proper rescue procedures that conform to the conditions of the work and which have been written in advance by a competent person or consultant. For information about training, please contact your equipment supplier or employer.

USE AND INSPECTION

12. Always install lifeline safety rope and rig the HOLD-ME® Lifeline Termination Anchor under safe conditions and according to the local, state, federal, and provincial regulations that apply.
13. A competent person must inspect the anchorage for the lifeline safety rope in order to establish that it is adequate as required by safety regulations and that it can support the dynamic loads which will occur in the event of fall arrest.

USE AND INSPECTION (Continued)

14. Inspect the HOLD-ME® Lifeline Termination Anchor, the associated fall arrest equipment, and the lifeline safety rope before the worker is connected to the vertical lifeline. In particular, the lifeline safety rope must be in good condition before it is used as explained in this manual (Section H). If equipment damage is noted, DO NOT USE THE EQUIPMENT. The anchoring of the lifeline safety rope should also be inspected for safety and adequacy for the necessary loads and work conditions, as well as compliance with the regulations that apply.
15. Regular and diligent inspection of the HOLD-ME® Lifeline Termination Anchor and associated fall safety equipment is a portion of the maintenance routine for safe operation, particularly with respect to work site conditions. Both the lifeline safety rope and HOLD-ME® Lifeline Termination Anchor should be kept clean, free of dirt, and protected from abrasion. If any component of the fall arrest system has been damaged or degraded by work site conditions it should be repaired or replaced.
16. Bee Access is not responsible for the consequences that result from alterations of the HOLD-ME® Lifeline Termination Anchor or lifeline safety rope by any person not authorized by Bee Access to do so. Bee Access also denies responsibility for the consequences that result from repairs carried out on its equipment by other parties.
17. Any fall arrest equipment deemed unsuitable for use by a responsible authority should be disposed of in such a manner that it cannot be re-used.

FIELD USE

18. Specific fall arrest-related risks should be considered and controlled by a competent person trained for such work prior to the start of any job.
19. Prior to the start of work, rescuers must be trained in rescue procedures that are based on the requirements of the work site environment.
20. A worker's weight, tools, and clothing should not exceed a combined weight of 310 lbs. (140 kg).
21. Connect only one person to a HOLD-ME® Lifeline Termination Anchor. Each worker should have a separate vertical lifeline anchored to a separate anchor point. It must be established that the structure supporting the anchor points can bear the dynamic load of the simultaneous fall arrest operation of ALL lifelines anchored to it.

22. Never knot or clamp the lifeline safety rope, as the safety of the worker depends on the sound working condition of both the lifeline and the HOLD-ME™ Lifeline Termination Anchor.
23. If the HOLD-ME® Lifeline Termination Anchor is used in a manner not described by the information contained in this manual, Bee Access assumes no liability for its adequacy.

IF A FALL ARREST OCCURS

24. In the event of a fall, the worker must wait to be rescued and must not touch or move the HOLD-ME® Lifeline Termination Anchor in any way.
25. The rescue of a worker after a fall should be completed in less than 15 minutes in order to protect the health and safety of the worker being rescued.
26. Immediately after a fall arrest, the HOLD-ME® Lifeline Termination Anchor and any other fall arrest equipment involved in the incident must be removed from service, destroyed, and replaced.

WARNING AND DANGER SYMBOLS IN THIS MANUAL

!ATTENTION!

⚠ WARNING ⚠

⚠ HAZARD ⚠

A PURPOSE AND SPECIFICATIONS

A.1 PURPOSE

The design of the HOLD-ME® enables the worker to create a safe and efficient lifeline rope termination without using a knot.

A.2 SPECIFICATION

Hold-Me® complies with the minimum breaking strength of 5,000 lbs (22.2 kN) when threaded properly for field use.

A.2.1 The Hold-Me® is only for use with 5/8 in. (16mm) or 3/4 in. (19mm) three stranded rope. The lifeline safety rope must be a combination (poly-propylene/polyester yarn) rope.

A.2.2 Use of non-compliant lifeline rope, including kernmantle rope, with the HOLD-ME® is prohibited and can result in a fatal hazard. Lifeline safety rope inventories must be managed with permanent identifying markings to prevent the use of non-compliant rope with the HOLD-ME®

!ATTENTION!

The HOLD-ME® must be attached to an appropriate anchor point with hardware or lifeline that has a minimum breaking load of 5,000 lbs. The lifeline cannot be attached with a knot. See Figure 1, 2, and 3 for attachment options. Lifeline safety rope must be protected from chafing when wrapped around an anchor point.

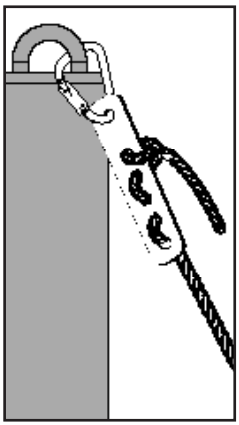

Fig. 1

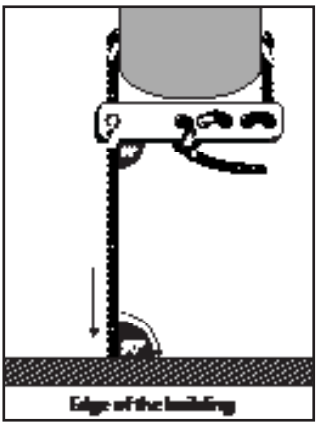

Fig. 2

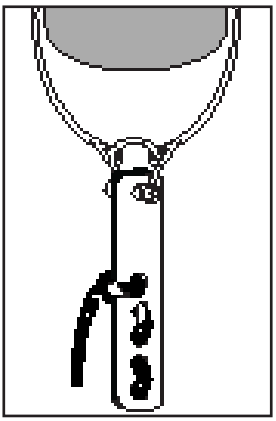

Fig. 3

Each worker must have their own lifeline safety rope. Only one worker can be attached to a HOLD-ME®. Lifeline anchorage should be located on a line that is perpendicular to the face of the building or structure and at a 90° angle in relation to the HOLD-ME® (Figure 2). Any angle other than 90° could result in bodily injury or possible death.

B EQUIPMENT LIMITATIONS

B.1 WEIGHT LIMITS

The combined total of the worker's weight, tools, and/or clothing cannot exceed 310 lbs. (140 kg). The HOLD-ME® is only rated to support 310 lbs. (140 kg).

B.2 CHEMICAL EXPOSURE

The worker must maintain the breaking strength of the lifeline by keeping it away from sources of damage such as corrosive chemicals or physical abrasion.

B.2.1 The following must be taken into account at each work site:

1. Level of exposure;
2. Type of chemical involved (alkali/acid);
3. Concentration of chemicals;
4. Temperature of environment and chemicals.

B.2.2 Fall arrest system components can malfunction after exposure to chemicals. If the worker or employer has any questions about the possible effects of chemical exposure on their fall arrest system, they should contact Bee Access**.**

B.2.3 Bee Access GRAB-ME® Lifeline Safety Rope offers excellent ultraviolet radiation resistance and mildew resistance. It offers very good resistance to acids, alkalis and petroleum. Its breaking strength is 9,450 lb. (42 kN). Its melting point is 500ºF (260ºC).

B.2.4 Contact Bee Access if you are unsure about the potential effects of chemical exposure on the HOLD-ME®.

B.3 POSSIBILITY OF CORROSION

While the HOLD-ME® is made of a corrosion resistant alloy and coated with a corrosion resistant metal treatment, it can corrode and should not be heavily exposed to corrosive environments for a prolonged time. Corrosive environments include saline spray/saltwater, fertilizer, and sewage. Increase the inspection frequency of fall arrest system components when they are exposed to corrosive environments to safeguard the reliability of the equipment. Replace system components that have been damaged by corrosion.

B EQUIPMENT LIMITATIONS

B.4 EFFECTS OF TEMPERATURE

Do not expose the HOLD-ME® to high levels of heat. Protect the HOLD-ME® from sparks or flame. The maximum sustained safe temperature limit for the HOLD-ME® is 149° F (65° C).

B.5 ELECTRICAL SAFETY

The HOLD-ME® Lifeline Anchor is a metallic item, so it will conduct electricity that could result in electrocution of the worker. This means that great caution must be exercised to prevent contact between the HOLD-ME® and electricity sources such as power lines.

B.6 ABRASION / SCRATCHING

Abrasion or gouging/deep scratching of the HOLD-ME® will weaken the unit, reducing its breaking strength. Protect the unit from abrasive surfaces and sharp edges that could damage it. Do not use the HOLD-ME® as a tool for any purpose other than its rope termination function.

B.7 SHOCK LOAD

If a HOLD-ME® has been subjected to the force of a fall arrest, first rescue the worker and then remove the unit from service, destroying it so that it cannot be used again.

B.8 MECHANICAL HAZARD

The HOLD-ME® must be protected from contact with moving machinery that could damage the unit. Great care should be taken to keep the unit away from the path of operation of mechanical equipment used at the worksite.

!ATTENTION!

Attach the HOLD-ME® only to a stable anchor point with a self-locking carabiner, safety bolt anchor shackle, or other style of attachment that can sustain the shock load of a fall arrest incident.

B.9 LIFESPAN OF UNIT

If the HOLD-ME® is showing physical wear or noticeable corrosion, it should be inspected by an authorized dealer before it is used again.

!ATTENTION!

The lifeline safety rope used with the HOLD-ME® must be the proper size and type.

C FALL ARREST SYSTEM REQUIREMENTS

C.1 ENVIRONMENTAL FACTORS

When selecting a harness, lanyard, and lifeline safety rope, take all environmental factors into account at the worksite. Contact Bee Access with any questions about use of the HOLD-ME® where chemicals, temperature extremes, or other uncommon environmental factors exist.

C.2 ANCHORAGE FACTS

Anchor points must be selected carefully by a competent person trained to perform this function. An anchorage acts as an attachment point for the components of a fall arrest system. It must be separate from the work surface that supports the worker. The anchorage must be capable of supporting a minimum of 5,000 lbs. (22.2 kN). Applicable regulations should be understood, applied, and reviewed periodically, because they are subject to change.

C.2.1 Each anchorage should be selected for use only after careful consideration. Taking the length of a lanyard into account, the anchorage point's position should not allow more than a 6 foot free fall (1.8m). Keep in mind that some shock absorbing lanyards can extend as much as 3 ½ feet (1.1m). There should be no objects or structural features below the worker's position to obstruct a clear path of descent in the event of a fall.

C.2.2 Equally important as checking for obstructions below the worker's position is to avoid the possibility of a swing fall for the worker.

!ATTENTION!

Working above the position of the anchorage point is prohibited. This position creates the risk of a worker moving far enough away from the anchorage point to experience a pendulum-arc fall.

C.2.3 The anchor point used must allow the worker's lanyard snap hook to close completely. The anchor point cannot place a load on the snap hook keeper, and it must be compatible with the snap hook. Inspect all components of the fall arrest system before use to make sure that all connections are closed and all equipment is working properly.

C FALL ARREST SYSTEM REQUIREMENTS

C.3 LIFELINE SAFETY ROPE

Keep in mind that lifeline safety rope can elongate under load. Check the product specification for the lifeline to learn the percentage elongation of the product and calculate the additional length to be added to the unobstructed minimum fall distance. Some lifeline products can swell in wet conditions, so check to make sure that the lifeline has not expanded too much to work correctly with a rope grab. If the lifeline has expanded too much to work properly with a rope grab device, replace the lifeline safety rope before work begins.

C.3.1 To work properly, the lifeline must be pulled taut. To achieve the proper level of rope tension, the lifeline can be anchored or attached to a counterweight or some other suitable weight at the bottom of the line.

C.3.2 The lifeline must be kept free from any obstacles and must be prevented from entwining or passing under the worker's legs or arms.

C.3.3 In order to prevent the rope grab from sliding off the end of the lifeline, either tie off the end of the lifeline with a figure eight knot or back splice it.

C.3.4 Use a Bee Access PROTECT-ME® Lifeline Insulator to protect the lifeline from abrasion damage or sharp edges that could cut the lifeline.

C.3.5 Current regulations require a minimum breaking strength of 5,000 lbs. (22.2 kN) for lifeline safety rope. Use of a knot to terminate the end of a lifeline on an anchor point can reduce the strength of the rope by as much as 50%, reducing most ropes' minimum breaking strength below the required 5,000 lbs. Use of the HOLD-ME® will preserve the lifeline's breaking strength and is recommended for this application.

!ATTENTION!

The HOLD-ME® cannot be used with natural fiber ropes such as manila or cotton. Lifelines used with the HOLD-ME® Lifeline Anchor must be produced with continuous fibers.

C.4 ANCHOR POINT HARDWARE

Any hardware used to connect the HOLD-ME® to an anchor point must have a minimum breaking strength of 5,000 lbs. (22.2 kN), and it must conform to all applicable regulations.

C.5 SAFETY HARNESS

Fall arrest standards require that an approved full body harness be used by the worker. The lanyard is to be attached to the D-ring on the back of the safety harness.

C.6 SHOCK ABSORBING LANYARD

Only a shock-absorbing lanyard should be used with the fall arrest system to ensure that the force of a fall arrest incident will not exceed 1,800 lbs. (8kN). Because free fall distances vary depending on the regulations in force on a local, state, provincial, or federal level, investigate these regulations before choosing a shock-absorbing lanyard for use at a particular work site.

D USE OF A HOLD-ME® LIFELINE TERMINATION ANCHOR IN A FALL ARREST SYSTEM

D.1 The lifeline safety rope used with the HOLD-ME® must be a three strand 5/8 in. (16 mm) or 3/4 in. (19 mm) diameter rope that has been approved by Bee Access.

D.2 As shown in Figure 4 the worker must thread the lifeline through the HOLD-ME® correctly. There must be at least 10 inches (25.4 cm) of extra lifeline left on the “tail” after the rope has been threaded through the HOLD-ME®. While the worker is threading the rope through the HOLD-ME®, they must be certain that every loop of the lifeline is tight.

D.3 In order to eliminate the dangerous risk of a side load or rope cutting hazard, the HOLD-ME® cannot come into contact with any obstruction after it is attached to an anchor point.

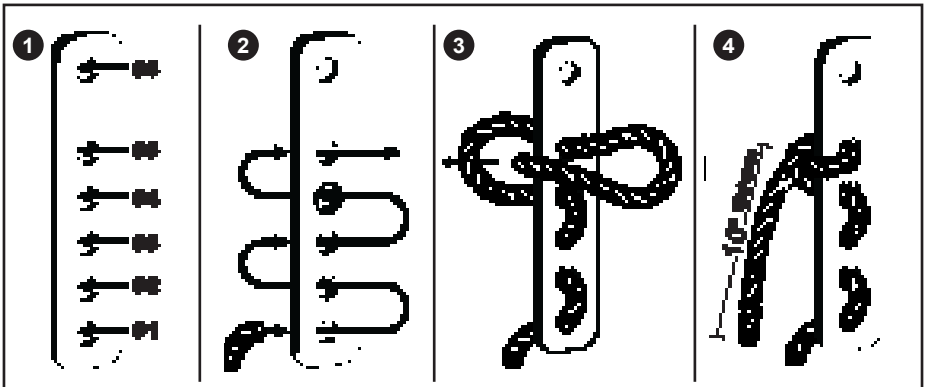

Fig. 4

E PRODUCT MARKINGS AND DOCUMENTATION

E.1 The product markings on the HOLD-ME® must be easy to read. The instruction manual for the HOLD-ME® must be made available by the equipment supplier, employer or can be found at beeaccess.com. The worker is to read and follow the instructions on the unit.

F PROPER CARE

F.1 The HOLD-ME® must be stored properly when not in use. Failure to care properly for the HOLD-ME™ can compromise the unit's integrity and result in serious injury or death for the worker and/or bystanders.

F.2 CLEANING OF THE HOLD-ME® LIFELINE TERMINATION ANCHOR AND LIFELINE

The HOLD-ME® requires periodic inspection and cleaning. A solution of cool water and mild detergent can be used to remove material that has attached itself to the unit. Dry unit after cleaning. After cleaning and drying, inspect unit for any damage or corrosion and replace if it shows signs of damage or degradation.

F.2.1 Lifeline should also be cleaned with a solution of cool water and mild detergent, then hung to dry away from heat or direct sunlight. Harsh cleaning agents such as acids and solvents should not be used on the lifeline as they can damage the rope. If the rope's proper operation in a rope grab has been compromised by one or more contaminants on the rope that cannot be removed with a mild detergent solution, replace the lifeline.

F.3 PROPER STORAGE

Fall Arrest System Components should be stored out of direct sunlight and away from dirt, moisture, corrosives, harmful fumes, or other chemicals.

G PRODUCT SPECIFICATIONS

G.1 MAXIMUM WORKING LOAD

The HOLD-ME® safe working load limit is a maximum of 310 lbs. (140 kg), the total of one worker, their clothing and tools.

G.2 BREAKING STRENGTH

The HOLD-ME® has a minimum breaking strength of 10,000 lbs. (44.4 kN).

G.3 REQUIREMENTS COMPLIANCE

The HOLD-ME® meets OSHA 1926, ANSI Z359.1-2007, and ANSI 10.32-2004 fall protection requirements

H PROPER INSPECTION PROCEDURE

⚠WARNING⚠

Inspection frequency should be increased when equipment is used in extreme conditions or for extended periods.

H.1 If a HOLD-ME® has been damaged or degraded to the point that its integrity is compromised, continuing to use it will result in injury or death. Proper inspection includes maintaining a detailed record of inspection that can be found on the last page of this manual.

H.2 Each component of a fall arrest system must be inspected prior to each use. A competent person should also inspect these components periodically. If any component of the system has been compromised, replace it after removing it from service permanently. If possible damage has occurred to a unit that is not described in this manual, call Bee Access before using the equipment. Even if it has not been used, each component of a fall arrest system must be inspected at least once per year.

!ATTENTION!

The performance of a fall arrest system depends on both the integrity of the HOLD-ME® and the lifeline safety rope. Therefore, proper inspection, maintenance, and storage are required.

H.3 LIFELINE SAFETY ROPE

Prior to each use, inspect Lifeline for any type of damage, including cut, worn, severed, or burned filaments. If color has faded from the lifeline, this may indicate that ultraviolet rays have damaged the rope. Degradation of the lifeline means that it should be replaced. The HOLD-ME® may not work correctly if the lifeline safety rope contains sand, dirt, or similar loose materials. The surface of the lifeline safety rope should be free of all chemicals and/or petroleum-based substances.

H.3.1 Lifeline safety rope is not to be used as a sling. It should not be wrapped around an anchor point that is rough or has sharp edges. Use of an appropriate sling as a connection point for a HOLD-ME® around a difficult anchor point is advised (See Figure 3, page 7).

H PROPER INSPECTION PROCEDURE

H.4 WHEN USING A SAFETY CARABINER

If a safety carabiner is used as attaching hardware on an anchor point, it should be inspected for the following:

1. Gate should close properly.
2. Spring for the gate should be strong enough to close the gate firmly.
3. The locking mechanism prevents the gate from opening after it is locked.
4. The safety locking mechanism rotates completely when it is closed.
5. The carabiner does not show evidence of bending, corrosion, failing or worn parts, cracks, or any other types of damage.

!ATTENTION!

Remove any equipment from service that does not pass the inspection requirements described in Section H above.

H.5 OTHER SYSTEM COMPONENTS

All other components of the worker's fall arrest system should be inspected as per each component manufacturer's directions.

I PRODUCT WARRANTY

I.1 Bee Access warrants that its equipment is free from defects in material and workmanship and is suitable for field use as described in this documentation.

I.2 At Bee Access discretion, the company will replace any HOLD-ME® which upon our examination we deem to be defective in material or workmanship.

I.3 If the unit has been damaged through misuse, abuse, alteration, or accident, this warranty is void.

I.4 This warranty does not cover associated transportation or labor costs.

I.5 No other warranties, implied or expressed, shall apply to the HOLD-ME®. Only Bee Access is able to offer this warranty. No other person or entity can provide guarantees or assume other liability on the behalf of Bee Access. Any other agreement separate from this warranty is void and does not apply.

Worker's Name _____ Purchase Date _____ First Use Date _____

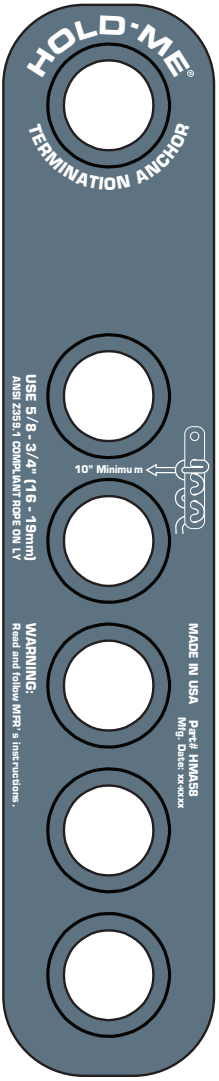

Fig. 5

CHECKLIST OF INSPECTION

Date	Outcome Pass Fail	Action Taken Destroyed If Failed	Inspected By	Signature
Date	Outcome Pass Fail	Action Taken Destroyed If Failed	Inspected By	Signature
Date	Outcome Pass Fail	Action Taken Destroyed If Failed	Inspected By	Signature
Date	Outcome Pass Fail	Action Taken Destroyed If Failed	Inspected By	Signature
Date	Outcome Pass Fail	Action Taken Destroyed If Failed	Inspected By	Signature
Date	Outcome Pass Fail	Action Taken Destroyed If Failed	Inspected By	Signature

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