

**SAFETY DIRECT LTD.**



***Fall Protection Equipment Manufacturer***

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## **Instructions for Concrete Anchor Straps**



### **WARNING.**

Failure of the user to read and understand all instructions for use of this equipment may result in serious injury or death.

It is recommended that the user complete an approved fall protection program before using this equipment.

Users of this anchor strap must use an approved energy absorbing device or lanyard to connect between the strap and their harness.

### **General Instructions.**

All warning labels and instructions must be understood and followed by the user before using the product.

All users must understand the relevant regulations and usage standards for fall protection, pertaining to this product, in the jurisdiction in which it is being used.

These products must only be used by trained and competent personnel.

All fall protection equipment must be visually inspected prior to each use. All fall protection equipment must be inspected by a competent person on a regular basis.

Fall protection equipment must not be altered or modified in any way.

To reduce the possibility of accidental release, a competent person must ensure that system components are compatible.

All equipment subjected to a fall incident must be removed from service immediately.

Any equipment exhibiting deterioration or deformities must be removed from service immediately.

### **HAZARD**

The following situations should be avoided when using anchor straps:

1. Only one snap hook should be attached to each anchor strap.
2. Snap hooks should not be attached directly to each other.
3. Snap hooks should not be connected back into the body of the anchor strap.
4. Ensure that any connected components are compatible in order to reduce the possibility of snap hook roll-out

## **Installation Instructions**

The anchor should be installed with the small loop passed over the end of a vertical rebar element, with a minimum diameter of 15 mm, to be embedded in the structure. The protective sleeve should protect the anchor from coming into contact with the concrete form. If it is not practical to pass the small loop over a vertical rebar, the loop should be passed over a length of horizontal rebar, sufficiently long enough to span from one vertical rebar to the next adjacent vertical rebar, care being taken that the horizontal rebar is wired in place to avoid movement of the rebar during the concrete pour.

Once the forms are stripped the anchor should be inspected to ensure that the webbing has not been cut or otherwise damaged during the concrete pour. Allow sufficient time for the concrete to cure (minimum of 72 hours) before the anchor is used for Fall Arrest Service.

The lanyard connecting to the full body harness can now be attached to the D-ring. The anchor is rated for one person and under no circumstances should more than one person be connected to the same anchor.

If the anchor sustains a Fall Arrest it should be removed from service and must then be cut off and discarded immediately.

## **Inspection.**

All anchor straps should be inspected by the user before each use.

A record of these inspections should be kept in a log.

When an inspection reveals any defects the anchor strap, it must be removed from service immediately.

The anchor strap should be removed from service immediately if an inspection reveals any of the following:

- a) That the anchor strap has been subjected to fall arrest.
- b) Evidence of any corrosion or deformation of the hardware components, including cracks, sharp edges, chemical attack, excessive heat or alteration in any way.
- c) Alteration of the anchor strap by the addition or removal of any anchor strap component from the original configuration.
- d) The removal or illegibility of the original labelling.
- e) Damage to the anchor strap material or any spliced terminations or stitch patterns, including, cuts, tears, abrasion, burns, knots, kinks or excessive wear.

## **Care and Maintenance**

Maintenance of equipment should be carried out in accordance with instructions provided by Safety Direct Ltd. Any unusual issues should be addressed with Safety Direct Ltd.

All anchor straps should be stored in a clean, dry area with limited exposure to the following:

1. sunlight.
2. excessive heat.
3. harmful fumes.
4. corrosive chemicals or conditions.

Anchor straps to be inspected should be tagged to indicate that it should not be used until after it has been inspected and approved for further service.