

Inspections

Inspections

Fall protection equipment shall be inspected by the authorized person before each use to verify that it has not sustained any wear or damage that would require its removal from service.

Fall protection and fall rescue equipment shall be inspected on a regular basis not to exceed one year (or more frequently if deemed necessary or required by manufacturer's instructions) by a competent person or a competent rescuer, as appropriate, to verify that the equipment is safe for use. The inspection shall be documented

ANSI Z359.2-2017 9.4.2.1 and 9.4.2.2

ALWAYS FOLLOW MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS WHEN INSPECTING YOUR GEAR



Employee Owned Equipment

- ▶ “Where employees provide their own protective equipment, the employer shall be responsible to assure its adequacy, including proper maintenance, and sanitation of such equipment.”

OSHA 1926.95 (b)

Inspections

- ▶ All fall protection equipment must have labels
- ▶ Labels must have identifying markings
- ▶ Pertinent information must be legible



Inspections

Webbing

- ▶ Cuts, tears, burns, holes
- ▶ Check for dry rot
- ▶ Corrosive materials
- ▶ Ruptured fibers
- ▶ Chemical attack
- ▶ Excessive heating
- ▶ Excessive wear
- ▶ UV Degradation
- ▶ Writing on webbing
- ▶ No Tape



Hardware Inspection

- ▶ D-rings, adjusters
 - ▶ Cracks
 - ▶ Spurs
 - ▶ Rust or corrosion
 - ▶ Deformation
 - ▶ Sharp edges

Anything that affects the integrity of the metal



Back D-Ring Inspection

- ▶ Excessive wear
- ▶ Plastic dry rot
- ▶ Holes or cuts
- ▶ Impact indicator
 - ▶ Can be an “S-Fold” or retainer
- ▶ Not all harness have impact indicators near the back d ring



Lanyard Label Inspection

- ▶ All fall protection equipment must have labels
- ▶ Labels must have identifying markings
- ▶ Pertinent information must be legible



Lanyard Inspection

- ▶ Label
- ▶ Webbing
- ▶ Snaphooks
- ▶ Shock pack
- ▶ D-ring



Snaphook & Carabiner Inspection

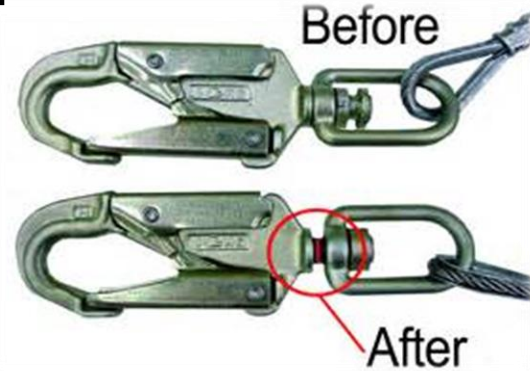
- ▶ Any impact indication
- ▶ Spurs
- ▶ Deformation
- ▶ Cracks, chips or dents
- ▶ Action (Function) (Double Acting)

Anything that affects the integrity of the metal



SRL Inspection

- Impact indicator
 - Cable = Snap hook
 - (Red Indicator Showing)
 - Webbing = Shock pack or “S” fold
- Cable/Webbing
- Pull Sharply on lanyard material to insure functionality
- SRL housing
- Ensure labels are present and legible



Vertical Lifeline Inspection

- ▶ Lifeline
 - ▶ Cuts
 - ▶ Frays
 - ▶ Tears
 - ▶ Damage to inner core
 - ▶ Chemical damage
 - ▶ Solar radiation or salt water damage



Vertical Lifeline Inspection

- ▶ Rope Grab
 - ▶ Proper function
 - ▶ (levers and springs)
 - ▶ Deformation
 - ▶ Cracks or chips
 - ▶ Dents
 - ▶ Chemical damage



Anchorage Connector

Webbing

- ▶ Cuts, tears, burns, holes
- ▶ Check for dry rot
- ▶ Corrosive materials
- ▶ Ruptured fibers
- ▶ Chemical attack
- ▶ Excessive heating

- ▶ Excessive wear



Anchorage Connector

Metal

Cracks

Spurs

Rust or corrosion

Deformation

Sharp edges

Anything that affects the integrity of the metal



Questions

▶ Thank you