



Safety Pole Installation Training

Project _____

Date / Time _____

Type: **Practical Demonstration**

○ **Pre Installation Inspection**

15 minutes

- Inspect all system parts prior to installation for defects
- Most time should be spent on Horizontal Life Line (HLL) system inspection
- HLL has three key areas of inspection
 - a) Shock absorber (follow manufacturer's inspection process – Guardian/Absorbinator)
 - b) Cable Grip
 - Inspect that piece is operating properly, HLL is secure when 1 ½" out
 - c) Turnbuckle
 - Ensure that the turnbuckle is in the closed position
- If inspection reveals unsafe or defective condition remove from service immediately

15 minutes

○ **Installation – General**

- Preparation is key to successfully installing the system in a timely fashion
- Having the proper equipment on hand to install the system saves time and ensures the system is installed properly

o **Installation – Base**

30 minutes

- Base may be installed on concrete slab or wood subfloor
 - a) Concrete installation use four (4) – four (4) inch $\frac{3}{8}$ " or $\frac{1}{2}$ " Simpson - HD TITANS
 - b) Wood subfloor installation requires twelve (12) - 3 $\frac{1}{2}$ " SDS screws.

o **Installation - Safety Pole**

90 minutes

- By hand install 10 ft section on to base; use of two people is highly recommended in this operation. Ensure 10 ft section is fully engaged.
- On the ground slide the "T" section on to the 5 ft section. Ensure that "T" is fully engaged.
- Attach HLL to the "T" section
- Ensure that Cable Grip release bolt is extended 1 $\frac{1}{2}$ " and holds cable in place
- Raise the 5 ft section along with attached HLL with a fork lift or crane into position; sliding over the installed 10ft section. Ensure that 5ft section is fully engaged.
- Attach proper stabilizing/tension cables to the system
 - Install shoes at locations that provides a maximum of a 45-degree angle from the floor.
 - Do not tighten stabilizing cables at this point.
- Repeat process for second Safety Pole.
- Tighten HLL by pulling excess cable through the cable grab so that the HLL is horizontal **without** any weight on the system (eg. SRL attached to HLL)
- Tighten all stabilizing cables to provide steady tension.
- Ensure that there is no more than 6" of deflection on the HLL.
- **THE SAFETY POLE SYSTEM IS READY TO USE !!**

WARNING: This product is part of a fall protection system. The users must read and follow the manufacturer's instructions for each component of the system. This training is not a replacement for reading and following the instructions contained in the manufacturers' manual.

Manufacturer's instructions must be followed for proper use and maintenance of this product. Alterations or misuse of this product or failure to follow instructions may result in serious injury or death.

