



QUICK SHEET

QUICK REFERENCE SHEET FOR INSTALLATION AND INSPECTION

Advantages of Preparation & Inspection

PLANNING

First, the planning process forces you to organize your thinking and identify all the key issues that must be dealt with if you are ultimately going to be successful.

Second, thinking through what you must do to accomplish your goals enables you to plan your actions carefully before you begin, thereby saving you enormous costs in time, people, and money.

INSPECTION

First, an inspection process is meant to identify difficulties before they occur. When a damaged part is identified we will have the opportunity to correct, repair or replace the item before an accident occurs.

Second, inspecting provides us with reinforcement that all will go according to plan. When doing any task there is always a risk for human error, inspections are one way of limiting that risk.

“The Safety Pole System was designed by a high-volume framer to protect his workers from falls while in the most vulnerable positions during the framing process.”



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Fast & True Installation Requires Planning

To install the Safety Pole System quickly and correctly Pre-Planning is key.

Knowing the best location to install the bases, having the correct tools and items on hand can save you important minutes on every job and even hours upon hours each and every week.

We recommend that you have an action plan for the following:

- #1 - Pre-planning on how and when the Safety Pole System is going to arrive at the jobsite
- #2 - Ensuring installers have the proper equipment on hand
- #3 - Pre-planning the best location for the Safety Pole bases and shoe attachments
- #4 - Pre-planning of system removal and transport to the next jobsite.

TOOLS & EQUIPMENT NEEDED

<u>Items needed for install</u>		
CONCRETE SLAB APPLICATION		
Simpson Titan HD anchors (1/2" X 4")	need a qty of four (4) for each pole	
10 penny nails	Duplex Nails are best for easy removal	
WOOD FLOOR APPLICATION		
4" SDS Screws	Simpson Strong Tie	
10 penny nails	Duplex Nails are best for easy removal	
<u>Equipment needed for install</u>		
CONCRETE SLAB APPLICATION		
Impact drill with 1/2" socket		
Hilti drill with 1/2" concrete bit		
WOOD FLOOR APPLICATION		
Impact drill with socket for SDS Screws		
ALL APPLICATIONS		
Two (2) adjustable wrenches	or socket set with 2 wrenches	
10 ft A frame Ladder		
2" Truss Strap	important to be 2" or less to fit the Drings	
Forklift or use of crane		
Boom attachment for Forklift	see picture above	



Why Inspections Are Important

Inspections are a vital element of any safety management system.

They should be used to determine whether you are meeting the standards you have set for your workplace and work activities.

They are important because if they are carried out effectively, they allow you to identify and remedy problems before they become more serious or result in an incident or accident.



Inspection of Safety Pole System

One the most important actions to ensuring the Safety Pole System will operate as designed, is to perform a regular inspection of the system and ensuring that there are no damaged parts.

Three (3) Times For Inspection :

- 1 Prior to Installation - All parts of the system should be checked prior to installation to ensure that none are damaged and functioning properly. (See instructional Manual for complete list of items to be inspected)
- 2 After Installed— An inspection of the Safety Pole and HLL system by a qualified person must be completed after the system is installed. The system must be periodically inspected by a qualified person when left installed for an extended period.
- 3 Prior to Each Use - See Attached Inspection Checklist (next page)

Inspection Checklist



Prior To Installation

#1 - Inspect all components of Horizontal Lifeline (HLL)

- a) HLL energy absorber is to Manufacturers Specifications
- b) Cable Grip must be fully functional
 - Release Bolt should move smoothly without excessive force
 - Release Bolt should be properly greased
 - Cable to slide smoothly in and out of Cable Grip when Release Bolt is not engaged
- c) Turnbuckle to be properly engaged
 - bolts being a minimum of 2" inside turnbuckle on both sides
- d) Cable is not damaged
 - check for fraying and bends in cable
- e) Ensure that the Release Bolt is showing at least 1 ½" of thread beyond the cable grip body and engages the cable so it will not loosen

#2 - Inspect all stabilizing cables and come alongs for damage

#3 - Inspect D-rings on the steel poles and the Tee-Section for damage

#4 - Inspect Floor Truss Plate for damage

- a) Inspect all four (4) bolts for damage

After Installation & Before Each Use

#1 - Base is secure to concrete slab or wood floor truss system

- a) If installed on a concrete slab
 - Four (4) 3/8" or 1/2" x 4" Titan HD were used on each base
 - Titan HDs are secure and tight to the base
- b) If installed on wood floor truss system
 - Six (6) 4" SDS screws are secure and tight into each truss - Twelve (12) total for each base
 - Four (4) wing nuts are hand tight

#2 - All Shoes are properly installed

#3 - Correct tension on stabilizing cables

#4 - Visually inspect that the Horizontal Lifelines do not have more than 6" of deflection