



ELEVATED WORKSITE ANALYSIS

Project Name: _____

Date: _____

Project Description: _____

Competent person (print): _____

Competent person (sign): _____

Fall Hazard Analysis For Fall Arrest

QUESTIONS TO CONSIDER

ANSWERS OR SOLUTIONS

| | |
|--|--|
| Does company JSA (Job Safety Analysis) mitigate and address this type of work involving unprotected elevated locations? | |
| What is the job to be done? | |
| What is the location? How high is it? | |
| What is the working or walking surface like? | |
| Are there any environmental factors to consider? (heat, cold, slippery, wet, wind, glare, etc.) | |
| Are there any hazards nearby or underneath that are exposed or could become exposed in an impact (plumbing lines, electrical exposures, protruding or impalement hazards, etc.)? | |
| Will the work require special personal protective equipment (besides fall protection)? | |
| How many will be working (buddy system)? | |
| What is the method of access to elevated work site? | |
| How will necessary and required tools and equipment be made available to the work location? | |
| Does company need to prevent activities from resulting in hazards to those below by following appropriate barricading methods to keep non-essential personnel away? | |
| Is it possible to relocate the work being done to a lower level to prevent a fall hazard. | |
| Can the work be safely completed from a ladder instead? | |
| Can an aerial (boom) lift or scissors lift be used instead (is the worker qualified to operate one?) | |
| If not, can company install portable guardrails for the job? | |
| If not, can company use fall restraint? | |
| If not, can company use fall arrest? | |
| Other? | |

ELEVATED WORKSITE ANALYSIS

Elevated Surface Work Plan

QUESTIONS TO CONSIDER

ANSWERS OR SOLUTIONS

| | |
|---|--|
| Are there any existing approved anchorage points that can be used? Where? | |
| Are they labeled as an approved anchorage point, capable of holding 5000 lbs or more, or designed and installed to withstand a 2 to 1 safety factor as determined by a designated qualified person? | |
| If not, can approved pre-manufactured or engineered anchorages be installed? | |
| Does the company have the right equipment (full body harness, minimum length lanyard, shock absorber, connecting hardware, I-beam strap, self-retracting lifeline, etc.) to complete a suitable personal fall arrest system (PFAS) for the application? | |
| Is there suitable clear fall distance to prevent contacting a lower level or object below? | |
| If yes, what deceleration device(s) would be suitable? | |
| If no, please describe the anticipated fall event to include any and all impediments. | |
| What is between the at risk worker and the ground or floor below? | |
| What will the worker hit on the way down? | |
| How would the worker be rescued if suspended in a harness? (Develop rescue plan) | |

Rescue Plan

A rescue plan must be developed whenever fall arrest systems are in use and when personnel may not be able to self-rescue should a fall occur.

| | |
|---|--|
| What is the emergency contact information of professional rescue services available, such as the local Fire Department, and what are the instructions for summoning immediate assistance? | |
| Is rescue equipment immediately available for this location? (Ladders, aerial devices, elevating work platforms, tripods, additional harnesses, controlled descent devices, winches, pulleys, etc.) | |
| What obstructions are in the way reaching the suspended worker? | |
| How will rescue be assured within 15 minutes of the occurrence of a fall to minimize the risk of further injury or death due to suspension trauma? | |
| How will the safety of the rescuers be assured as well as that of the suspended worker? | |
| What communication systems will be used between the suspended worker and rescue team? | |