



Fall Prevention Site Planning Aid (Construction)

Instructions: Use the State Fund Fall Protection Site Planning Aid during the job planning phase and before employees begin work. Follow this aid to help choose the correct fall protection needed to complete the job safely.

When using this aid, make sure your workers:

- Review common fall hazards in construction
- Identify ways to control or reduce hazards or reduce hazards
- Review the Cal/OSHA regulations that apply to each construction fall risk

Projected Date of work: _____ Jobsite Address: _____

Type of work being conducted: _____

Fall Hazards Present:

- | | | |
|--|--|---|
| <input type="checkbox"/> Leading Edges | <input type="checkbox"/> Work from ladders | <input type="checkbox"/> Skylights |
| <input type="checkbox"/> Elevated equipment | <input type="checkbox"/> Work from scaffolds | <input type="checkbox"/> Floor openings/holes |
| <input type="checkbox"/> Work on roof. Pitch: ____ | <input type="checkbox"/> Other: _____ | |

Cal/OSHA Fall protection trigger height (see common trigger heights on back of sheet): _____

Type(s) of fall protection device to be used:

- Controlled access:** Comments: _____
- Scaffold:** Complete access available? **Yes/No**
- Aerial Lift:** Access to work area available given site conditions? **Yes/No**
- Guardrails:** Attachment available? **Yes/No** Type: _____
- Skylight Cover or Guard:** Type: _____ Attachment means: _____
- Floor or Roof Opening/Hole Cover:** Type: _____ Attachment means: _____
- Fall Restraint:** Anchorage available to prevent access to leading edge? **Yes/No**

Comments: _____

- Personal Fall Arrest System:** Anchorage Type: _____ Lanyard Type: _____

Comments: _____

Work from Ladder: Ladder type: _____ Length: _____

Proper placement allowed at all work locations? NA

Stability aids needed? NA

Comments: _____

Other jobsite hazards (e.g. weather, steep pitch, slippery, debris, impalement hazards, electrical, etc.):

Additional fall prevention measures include: _____

Emergency procedures in case of fall: _____

Person Completing Site Planning Aid: _____ Date: _____

Information on Fall Hazards and Proper Use of Equipment

Common Construction Safety Orders & Fall Protection Requirement

Trigger Heights The table below will let you know at what trigger

height fall protection is required

Type of Work	Trigger Height	Regulation
Most roofing work	20'	T8 CCR 1730
Panelized roof systems and residential framing	6'	T8 CCR 1716.2
New production-type residential roofing		T8 CCR 1731
Work on unprotected platforms, scaffolds, and edges	7 ½'	T8 CCR 1670
Rebar or similar projections	6'	T8 CCR 1712
Wall openings greater 30" high and 18" wide and bottom of the opening is less than 36" above the working surface	4'	T8 CCR 1632
Floor or roof openings or holes	At any height, including skylights	T8 CCR 1632

Control Measures

- **Control Access:** Used to control access to areas where leading edge and other operations are taking place.
- **Control Access Zones and Signs:** Controlled access zone shall be defined by a control line or by any other means that restricts access. Signs shall be posted to warn unauthorized employees to stay out of the controlled access zone.
- **Control Access Lines:** When control lines are used, they shall be erected not less than 6 feet nor more than 25 feet from the unprotected or leading edge, except when erecting precast concrete members. The employer shall designate a competent person to monitor the safety of other employees.

Different types of fall prevention devices

Device	How the device must be used	Regulation
Aerial Lifts/ Forklift Man Baskets	<ul style="list-style-type: none"> • Guardrails or other structures around the platform must standard height • Controls must be tested prior to use to ensure safe working condition. • Only authorized person may operate aerial lifts • No sitting or climbing on edge of basket or using ladders or other equipment to gain height or extend reach • Employees must be secured by fall protection equipment to the boom, basket, or tub of the aerial device when elevated <p>Note: Guardrails are required on aerial lift baskets on boom lifts, forklift man baskets, etc.</p>	T8 CCR 3648
Scissor Lifts	<ul style="list-style-type: none"> • Guardrails must be in place and access gate closed when elevated • No addition of ladders or other equipment to gain height or increase reach • No climbing, standing, or sitting on guardrails • Lower lifts when moving • Operators must be trained by a qualified person on the safe use of platform in accordance with the manufacturer's operating instructions 	T8 CCR 3646
Guardrails	<ul style="list-style-type: none"> • Must be constructed of wood or equivalent material • Have a top rail at 42"-45" and a mid-rail at halfway, have wooden (or equivalent) posts no more than 8' apart • The top rail must withstand a force of at least 200 pounds applied outward or downward 	T8 CCR 1620

Floor Hole/Opening Covers	<ul style="list-style-type: none"> • Covers shall be capable of safely supporting the greater of 400 pounds or twice the weight of the employees • Equipment and materials that may be imposed on any one square foot area of the cover at any time • Covers shall be secured in place to prevent accidental removal or displacement, and shall bear a pressure sensitized, painted, or stenciled sign with legible letters not less than one inch high, stating: "Opening--Do Not Remove." Markings of chalk or keel shall not be used • Any openings in the floor must be covered and marked with legible letters with a warning such as "Opening--Do Not Remove." • Covers must be secured or a railing system placed around the hole • Covers must be capable of supporting 400 pounds or twice the weight of employee(s) • Guardrails/screens to protect from openings 	T8 CCR 1632
Personal Fall Restraint System	<ul style="list-style-type: none"> • Prevents an employee from falling by not allowing the employees to reach the leading edge 	T8 CCR 1670
Personal Fall Arrest System	<ul style="list-style-type: none"> • Protects an employee if a fall occurs; arrests an employee in a fall from a working level • Check to see that fall protection equipment is worn correctly • Any rusted anchors or hooks must be taken out of service and be replaced • Anchors used for attachment of fall protection equipment shall be capable of supporting at least 5000 pounds • If a lanyard has a deceleration device, ensure the deceleration device is attached to your D-ring • For a self-retracting lifeline (also known as a "yo-yo") , the casing should be attached to your anchor point 	T8 CCR 1670
Work from Ladder	<ul style="list-style-type: none"> • Use the right height ladder for the job to minimize overreaching. • Set up extension ladders with a 4 to 1 ratio and 3' extension above landing or work surface • Face the ladder with body positioned between the rails to the extent possible and maintain 3 points of contact at all times when ascending or descending a ladder • Set the ladder up properly and on firm solid ground. If firm level ground is not available, use a ladder leveler, gutter stabilizer, stability anchor, etc. to secure the ladder from tipping • Inspect the ladder prior to use and take out of service immediately if any damage to the ladder is found such as bent rungs, damaged feet, etc. 	T8 CCR 3276