

GUIDE FOR WORKING SAFELY WITH SUPPORTED SCAFFOLDS

Scaffolding provides safety and adds to the efficiency of work. However, unsafe scaffolding can lead to accidents, serious injuries and death.



This GUIDE promotes awareness of safe work practices for supported scaffolds and covers:

- Types of Commonly Used Supported Scaffolds
- Common Scaffolding Hazards
- Selected CAL/OSHA Regulations
- Safe Work Practices

Safety Tip

Following manufacturer's instructions, complying with Cal/OSHA regulations, and using this GUIDE as a reference help you in working safely with supported scaffolds.



For help from [Cal/OSHA](http://www.dir.ca.gov/dosh/calosha.html) call
1-800-963-9424

or visit

<http://www.dir.ca.gov/dosh/calosha.html>

November 2012

Commonly Used Supported Scaffolds

- Frame or Fabricated
- Tube and Coupler
- Outrigger Scaffold
- Bracket Scaffold
- Tower Rolling
- Horse Scaffold
- Ladder Jack
- System Scaffolds

Common Scaffolding Hazards

Individuals exposed to scaffolding hazards include scaffold erectors and dismantlers, personnel working on/under scaffolds, and employees and the general public near scaffolding. Scaffold erectors and dismantlers are at particular risk, since they work on scaffolds before ladders, guardrails, platforms, and planks are completely installed. Common scaffolding hazards are:

Hazards From Structural Plans

- Missing/improperly supported base plates
- Scaffold not tied properly to building
- Platform slope exceeds requirement
- Legs not plumb
- Braces/runners/cross-bracing not secure
- Missing braces/runners and cross-bracing
- Some planks overextended/under extended
- Severe overloading/danger of collapse
- Broken pins on frames

Fall Hazards

- Missing mid and top guardrails
- Improper access
- Platforms not fully planked
- Substandard planks
- Falling objects/missing toe boards
- Slippery platforms

Electrical Hazards

- Building scaffold too close to power lines
- Ungrounded/damaged tools & equipment on scaffold

These hazards mainly come from parts failure, not following proper installation, inspection, and dismantling procedures, the failures at attachment points, inadequate fall protection, changing weather conditions, and overloading of scaffolds.

Beware of falls and scaffold collapse.

Selected Cal/OSHA Regulations (See [Title 8 CA Code of Regulations](http://www.dir.ca.gov/dosh/calosha.html) for all regulations)

The company's Code of Safe Practice (COSP) must include safety requirements for erection, use, and dismantling of scaffolds.

The company's Injury & Illness Prevention Program (IIPP) must provide information on inspection of scaffolds, correction of hazards found, and training for scaffold erectors, users and dismantlers.

- The design and construction of scaffolds must conform to standards and requirements of [1637](#).
- Each scaffold must be designed to support its own weight and 4 times the maximum load. See [163709](#) for maximum working loads.
- Scaffold erection and dismantlement must be supervised by a qualified person. Scaffold must be erected and dismantled according to design standards, engineered specifications, or manufacturer's instructions. [1637](#)
- A Cal/OSHA permit is required for erecting and dismantling scaffolds that exceed three stories or 36 ft. in height. [3416005080](#)
- A safe and unobstructed means of access, such as a walkway, stair, or ladder shall be provided to all scaffold platforms. [163700011](#)
- Anchorage and bracing shall be such that scaffolds and falsework will be prevented from swaying, tipping, or collapsing. [163700](#)
- Manufactured planks shall be able to support its weight plus 4 times the live load. [163700300A](#)
- Workers on scaffolds who are exposed to overhead hazards shall be provided with overhead protection or other means that will effectively eliminate the hazard. [163700](#)
- Platform must be at least 20" wide and shall not be sloped more than 2 to 10. Slippery platform conditions are prohibited. [163700](#)

Selected regulations continued in next page.

Pocket Guide Cal Osha Scaffold Fall Protection

Sebastian Brünink



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