

Scaffold Erection, Use & Dismantling Safety Plan

Guy's Construction
123 Main Street, Anytown, CA 90210

29 CFR 1926.451-454 (Subpart L)

Effective Date: June 08, 2026

SAMPLE DOCUMENT - NOT FOR COMPLIANCE USE

JURISDICTION AND REGULATORY FRAMEWORK

Scaffolding is consistently among the top 10 most-cited OSHA standards, with approximately 4,500 injuries and 60 deaths per year.

- Scaffold erector and dismantler training by qualified person

1926.454(b)

- Scaffold user training by qualified person

1926.454(a)

STATE-SPECIFIC: California has additional scaffold requirements:

- minimum 14-inch wide ladder staging, structural plank or equivalent, free from damage affecting strength
- platform shall be at least 14 inches wide consisting of ladder staging, structural plank or equivalent, free from damage that affects the strength
- ladder staging, structural plank, or equivalent free from damage that affects strength
- 14 inches consisting of ladder staging, structural plank or equivalent free from damage
- minimum 14-inch width using undamaged ladder staging, structural plank or equivalent
- standards set forth in Section 1102.b. or 1102.d.(2)A. and B.
- bins, silos, or tanks from the bottom when grain or other agricultural products are hung up or sticking to the sides
- a means of access to the head pulley section to allow inspection of the head pulley, lagging, belt, and discharge throat of the elevator head
- copy of the recorded document to the surface owner upon request
- a tracer line or location device placed adjacent to or in the trench of a buried nonmetallic flowline or crude oil transfer line
- violation of 29 CFR 1926.451
- 29 CFR 1926.451(g)
- 29 CFR 1926.451(f)(3)
- 29 CFR 1926.451(f)(3)
- 29 CFR 1926.451
- the removal of lead from protective clothing or equipment by blowing, shaking, or any other means which disperses lead into the air
- the requirements in § 195.401 if a condition that could adversely affect the safe operation of a pipeline is discovered
- suitable lightning arresters of approved type within 100 feet of the point where the circuit enters the mine
- an agreement with the Surety Department for the Conservation Division to properly close and reclaim the site in accordance with approved procedures, on forms available from the Conservation Division and accompanied by surety
- the use of reclaimed water in oil and gas operations
- maximum platform width shall be 36 inches
- fall from elevation
- mobile onshore and offshore oil well drilling platforms, barges, trucks, or other mobile facilities including all equipment and appurtenances related thereto when such mobile facilities are fixed in position for the

purpose of drilling operations...

- within six months of the unplanned event or change
- Standard for the Installation of Blower and Exhaust Systems for Dust, Stock and Vapor Removal, NFPA 91
- April 1, 2015, when climbing or changing location on poles, towers, or similar structures unless infeasible or creates greater hazard
- Subarticles NB-3200, NB-3600, NC-3600, and ND-3600 for seismic design of piping in the 1994 Addenda through the 2005 Addenda
- fall restraint systems as approved fall protection method

Cal/OSHA T8 Section 1670(a)

- rigged to allow the movement of employees only as far as the sides of the working level or working area
- body belts or harnesses may be used
- requirements of Section 1670
- Helmet
- 150 lbs.
- adequate fire fighting resources
- acceptable only if approved as defined in § 1910.399
- to its lessors of such tracts
- 12 hours of the discovery of any oil discharge in Higher Volume Port Areas

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1.0 PROGRAM OVERVIEW

Guy's Construction has established this Scaffold Safety Plan to protect employees from fall hazards, structural failures, and other scaffold-related injuries. This plan covers the erection, use, inspection, and dismantling of all scaffold systems on company projects.

2.0 DEFINITIONS

Competent Person: One capable of identifying existing and predictable scaffold hazards and authorized to take prompt corrective measures

Qualified Person: One who by degree, certificate, or extensive knowledge/experience has demonstrated ability to solve scaffold-related problems

Maximum Intended Load: Total load of all persons, equipment, tools, materials, and other loads anticipated on a scaffold at any one time

Scaffold Tag System: Color-coded tags: GREEN (safe for use), YELLOW (restricted use with conditions), RED (do not use - under construction or damaged)

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3.0 ROLES AND RESPONSIBILITIES

3.1 Competent Person

- Direct and supervise scaffold erection, modification, and dismantling
- Inspect scaffolds before each work shift and after any event affecting integrity
- Determine if conditions are safe (wind, ice, structural damage)
- Select scaffold type and fall protection for each application
- Train scaffold users and erectors
- Authority to stop work and restrict scaffold access
- Tag scaffolds using the green/yellow/red system

3.2 Scaffold Users

- Do not access any scaffold without a GREEN tag or competent person authorization
- Inspect visually before each use (planking, guardrails, access, base)
- Do not exceed posted load capacity
- Do not modify the scaffold in any way
- Report defects, damage, or unsafe conditions immediately

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4.0 SCAFFOLD TYPES AND SELECTION

Type	Max Height	Common Use	Key Requirement
Frame (supported)	125 ft (design >125)	General construction	4:1 base-to-height ratio
Tube & coupler	125 ft (design >125)	Complex configurations	Qualified person design above 125 ft
System scaffold	Per manufacturer	Production scaffolding	Manufacturer instructions required
Rolling (mobile)	4:1 ratio, typ <40 ft	Interior finish work	Lock casters, level surface
Suspended (2-point)	Per rigging design	Facade/window work	Qualified person rigging design

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5.0 ERECTION REQUIREMENTS

5.1 Foundation and Base

- Scaffolds must be erected on base plates and mud sills on firm, level surfaces
- Unstable objects (barrels, boxes, loose bricks) must never be used as scaffold foundations
- Competent person must evaluate ground conditions before erection

5.2 Structural Requirements

- Height-to-base ratio >4:1 must be restrained by guying, tying, bracing
- Cross braces must not be used as access
- All components from same manufacturer or verified compatible by qualified person
- Safety factor of 4:1 for maximum intended load

5.3 Platform Construction

- Platform minimum 18 inches wide (federal); Cal/OSHA requires 20 inches
- Fully planked between front uprights and guardrail supports
- Gaps between planks must not exceed 1 inch
- Platforms secured to prevent displacement

6.0 USE AND ACCESS

- Access required when platform is more than 2 feet above/below a point of access
- Acceptable: portable ladders, hook-on ladders, stair towers, ramps, direct access
- Cross braces must NOT be used for access
- Ladders must extend at least 3 feet above platform level
- No use during storms, high winds (>25 mph), or icing unless competent person determines safe
- No makeshift devices (ladders, boxes) on platforms to increase height

7.0 FALL PROTECTION ON SCAFFOLDS

Fall protection required when working height exceeds 10 feet (federal, 29 CFR 1926.451(g)):

Scaffold Type	Fall Protection Required
Supported	Guardrail system (top rail, mid rail, toeboard) OR personal fall arrest system
Suspended	Guardrail system AND personal fall arrest system (BOTH required)
Aerial lifts	Personal fall arrest system (harness attached to boom or basket)
Mobile (rolling)	Guardrail system on all open sides when height exceeds trigger

7.1 Guardrail Specifications

- Top edge height: 38 to 45 inches above platform
- Mid rail: approximately halfway between top rail and platform
- Toeboard: minimum 3.5 inches tall
- Must withstand 200 pounds force in any downward/outward direction

7.2 Personal Fall Arrest

- Full body harness only (no body belts for fall arrest)
- Anchorage: 5,000 lbs per person or designed by qualified person (2:1 safety factor)
- Lanyards/lifelines: minimum 5,000 lbs breaking strength

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8.0 INSPECTION PROGRAM AND TAG SYSTEM

Inspections required: before each work shift, after any event affecting integrity, after modifications, after 7+ days of non-use.

Tag System

Color	Meaning	Action
GREEN	Complete, inspected, safe for use	Authorized users may access
YELLOW	Limitations or restrictions exist	Use only per conditions on tag
RED	Incomplete, damaged, or under construction	DO NOT USE - authorized erectors only

9.0 DISMANTLING

- Under direction of competent person
- RED tag before dismantling begins
- Top down in planned sequence
- Components lowered, not thrown or dropped
- Fall protection required for workers at height
- Area below barricaded

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10.0 SPECIFIC SCAFFOLD TYPES

10.1 Supported (Frame, Tube & Coupler, System)

- Bear on base plates and mud sills
- Height-to-base >4:1 requires restraint (guys, ties, bracing)
- Over 125 ft: designed by qualified person

10.2 Suspended Scaffolds

- Both guardrails AND PFAS required
- Rigging designed by qualified person
- Wire rope connections: proper clips/shackles, never knots
- Counterweights secured; no flowable materials (sand, gravel)

10.3 Mobile (Rolling) Scaffolds

- Lock casters before mounting
- Level, firm surface free of obstructions
- Force applied as close to base as practicable when moving

11.0 TRAINING REQUIREMENTS

11.1 Scaffold User Training (1926.454(a))

- Scaffold hazards (falls, collapse, struck-by, electrocution)
- Correct procedures for erection, use, dismantling
- Load capacity and maximum intended loads
- Fall protection requirements
- Inspection procedures and tag system

11.2 Erector/Dismantler Training (1926.454(b))

All user topics plus:

- Erection/dismantling procedures per manufacturer instructions
- Design criteria and capacity of the scaffold system
- Applicable OSHA and state standards

12.0 RECORDKEEPING

- Daily inspection checklists: duration of scaffold use + 3 years
- Erection/modification log: dates, personnel, competent person authorization
- Training records: dates, topics, trainer, attendee sign-off
- Incident reports: any scaffold-related injury, near miss, or failure
- Manufacturer documentation and load ratings

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California STATE-SPECIFIC REQUIREMENTS

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APPENDIX A: DAILY SCAFFOLD INSPECTION CHECKLIST

Date:	_____	Project:	_____
Inspector:	_____	Scaffold ID/Location:	_____
Scaffold Type:	_____	Tag Color: G / Y / R	_____

Foundation/Base

- Base plates and mud sills in place and level
- Foundation firm, no undermining
- Casters locked (mobile scaffolds)

Structure

- Frames plumb and level
- All bracing in place
- Ties/guys in place if height-to-base >4:1
- No visible damage, bending, or corrosion

Platform

- Fully planked (min 18"/20" wide)
- Planks secured against displacement
- No gaps >1 inch
- Clear of debris

Fall Protection

- Guardrails on all open sides (top, mid, toeboard)
- Top rail 38-45 inches
- PFAS anchorage adequate (suspended)

Access

- Proper access provided (ladder, stair tower)
- Ladder extends 3 ft above platform
- Cross braces NOT used for access

Electrical

- Min clearance from power lines (10 ft for <50kV)
- No contact hazard

Overall: PASS - GREEN CONDITIONAL - YELLOW FAIL - RED

Notes: _____

Competent Person: _____ Date: _____

