

Steel Erection Safety

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

Ontology-Backed Safety Document

Effective Date: June 08, 2026

SAMPLE DOCUMENT - NOT FOR COMPLIANCE USE

JURISDICTION AND REGULATORY FRAMEWORK

STATE-SPECIFIC: California has the following requirements:

- metal decking as commercially manufactured, structural grade, cold rolled metal panel formed into series of parallel ribs
- connector as employee working with hoisting equipment who is placing and connecting beams or other structural members
- placed to ensure full support by structural members
- 4000 pounds (1816 kg)
- implementation under the supervision of a competent person
- devices designed for attaching objects to soft construction materials, such as wood, plaster, tar, dry wallboard, and the like
- other measures taken which shall prevent the equipment from being energized without the knowledge of the individuals working on it
- a description of any event which triggers a shut-off device required by §3621 and the response taken
- while being refueled, serviced, or maintained
- whether signs of damage indicate a hazard
- electrical transmission towers, communication and broadcast towers, or tanks
- requirements of subpart 1926.750
- 1926.750 steel erection subpart requirements
- fall protection and other safeguards per 1926.750 et seq.
- 29 CFR 1926.750 Scope
- 50 µg/m³ averaged over an 8-hour workday
- each phase of the drill response to validate total response time including rupture identification and valve shut-off ≤ 30 minutes
- all relevant information about a pipeline in complying with the requirements in paragraphs (a) through (g) of this section
- 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
- drainage systems such as small streams and other smaller waterways that could serve as a conduit to a high consequence area
- 29 CFR 1926.760(c)
- fall protection in accordance with 1926.760(a)(1)
- fall protection per 1926.760
- 1926.760(c)(3)
- California steel erection fall protection at 15 feet for connectors (federal is 15 feet for connectors under 1926.760)

T8 CCR 1710

- BLL climbs above 40 µg/dl
- the requirements in § 195.401 if a condition that could adversely affect the safe operation of a pipeline is

discovered

- the use of reclaimed water in oil and gas operations
- written documentation available at the job site
- compatible and integrated with the disaster, fire and/or emergency response plans of local, state, and federal agencies
- area where metal decking is initially being installed and forms the leading edge work
- proceeding with any work unless the planking and metal decking or nets required by this article are in place
- name or job title for each employee designated to work in the CDZ
- a diagrammatic sketch of the mechanical installation along with a detailed explanation of the flow, procedures and frequency of well tests, calibration/proving of metering devices and allocation formulas
- the Commissioner of Conservation for a public hearing for the purpose of establishing rules and regulations and the creation of drilling units for each such pool
- 8 hours of refresher training annually
- a list of interested parties (those with interests in the leases and/or units from which production is to be commingled for which the applicant has no existing commingling authority)

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FEDERAL OSHA REQUIREMENTS

- the construction, alteration or repair of steel buildings, bridges and other structures, including the installation of metal decking and all planking used during the process of erection

29 CFR 1926.750

- permitted for initial metal decking without conventional fall protection between 15-30 feet

29 CFR 1926.760(c)

- Ironworker training on fall protection, decking, column anchorage, and structural stability

1926.761

- completion of connector training per 1926.761

29 CFR 1926.760(b)(2)

- Competent person for connector activities, decking, and fall protection per 1926.752

29 CFR 1926.752

- employees from the hazards associated with steel erection activities involved in the construction, alteration, and/or repair of single and multi-story buildings, bridges, and other structures where steel erection occurs

29 CFR 1926.750(a)

- requirements of subpart 1926.750
- 1926.750 steel erection subpart requirements
- fall protection and other safeguards per 1926.750 et seq.
- 29 CFR 1926.760(c)
- from within a controlled decking zone (CDZ), as specified in § 1926.760(c)(7)

29 CFR 1926.754(c)(2)

- fall protection, decking, column anchorage, structural stability training; site-specific

29 CFR 1926.761

- steel joists, joist girders, purlins, columns, beams, trusses, splices, seats, metal decking, girts, and all bridging, and cold formed metal framing which is integrated with the structural steel framing of a building

29 CFR 1926.750

- material being handled is a structural steel member (e.g., steel joists, beams, columns, steel decking)

29 CFR 1926.1400(c)(17)(iii)(C)

COMPANY PROCEDURES

Guy's Construction implements the following procedures for steel erection safety:

- Guy's Construction shall: permitted for initial metal decking without conventional fall protection between 15-30 feet

29 CFR 1926.760(c)

- Guy's Construction shall: Ironworker training on fall protection, decking, column anchorage, and structural stability

1926.761

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29 CFR 1926.760(b)(2)

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29 CFR 1926.752

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29 CFR 1926.750(a)

TRAINING REQUIREMENTS

- All employees involved in this scope of work must receive initial training before beginning work
- Refresher training when procedures change or deficiencies are observed
- Training must be documented with date, topic, trainer, and attendees

RECORDKEEPING

- Training records: duration of employment
- Inspection/monitoring records: project duration + 3 years
- Incident reports: 5 years

California STATE-SPECIFIC REQUIREMENTS (FULL)

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