

Demolition 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:

- cadmium exposure when cadmium or cadmium-containing materials are present
- cadmium or materials containing cadmium are present
- engineering survey by competent person before demolition

T8 CCR 1734

- exposure to construction-related safety risks requiring minimum safety standards
- compliance with minimum safety standards established by these Orders
- limestone, dolomite, and, locally, evaporitic units that contain documented karst features or solution channels, regardless of size
- from the confined space overnight and at the change of shifts
- notice or notices created by the Education and Labor Cabinet informing employees of the protections and obligations established in KRS Chapter 338, including contact information for occupational safety and health assistance
- joint determination of the transfer point if adjoining operators have not agreed on a transfer point by September 15, 1998
- generally 6 to 20 occurrences, or few remaining individuals (1,000 to 3,000) or acres (2,000 to 10,000)
- engineering survey by competent person with written evidence BEFORE any demolition operations begin; must assess framing, floors, walls, collapse potential, adjacent structures
- Preparatory operations
- 29 CFR 1926.850(a)
- 29 CFR 1926.850(b)
- 29 CFR 1926.850(a)
- temporary removal to place of significantly lower exposure without loss of earnings, seniority, or other employment rights or benefits
- if employee notifies employer of signs or symptoms associated with lead poisoning, difficulty breathing while wearing respirator, or during respirator fit test
- 150 feet per minute
- each phase of the drill response to validate total response time including rupture identification and valve shut-off <= 30 minutes
- the use of reclaimed water in oil and gas operations
- written engineering survey
- Written Survey Evidence

1926.850(a)

- engineering survey by competent person before demolition begins

T8 CCR 1734

- written pre-demolition survey of structure condition kept on job site

T8 CCR 1734(b)(1)(2)

- written instructions by the manufacturer for assembly, disassembly, or reconfiguration; if not possible, alternative written instructions from the manufacturer or an RPE
- standards relating to process safety management of highly hazardous chemicals

- on each working section not examined under § 75.360(b)(3) during the previous 7 days
- Windows must be of safety glass or material with similar optical and safety properties that introduce no visible distortion or otherwise obscure visibility that interferes with the safe operation of the equipment
- a licensed consultant specially accredited to formulate plans and write specifications for asbestos abatement projects
- the hazmat employer or other public or private sources
- any specific airport HAZMAT restrictions
- applicable requirements of this subchapter and thoroughly instruct each hazmat employee
- shipping hazmat above reportable quantities
- onsite meeting required (high pressure gas >60psi, petroleum, hazmat, 60kV+)

Cal/OSHA T8 Section 1541(b)(1)(B)

- have a readily available supply of soap and where necessary special cleansing compounds designed specifically for removal of the hazardous substance from skin surfaces
- employees are subject to dermal exposure to MDA
- Procedures to prevent any part of the machine from being struck by a train or other equipment on another track
- work operations such as maintenance and repair activities and spray-application processes for which engineering and work-practice controls are not feasible
- identification of the representative segment of the route for qualification testing

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FEDERAL OSHA REQUIREMENTS

- all construction demolition operations (structural, mechanical, specialty)

29 CFR 1926.850

- Top-Down Demolition Sequence

1926.850(j)

- Demolition Trade

1926.850

- Competent person to conduct engineering survey and oversee demolition operations per 1926.850(a)

29 CFR 1926.850(a)

- minimum: hard hat Type I Class E, safety glasses Z87+, steel toes with puncture resistance (PR), hi-vis Class 2. Add based on hazards: respirator if lead/asbestos/silica suspected (P100 minimum, HEPA for asbestos), hearing protection for jackhammer/breaking, face shield for overhead demo.

29 CFR 1926.850-860, 29 CFR 1926.1101 (asbestos), 29 CFR 1926.62 (lead)

- engineering survey by competent person with written evidence BEFORE any demolition operations begin; must assess framing, floors, walls, collapse potential, adjacent structures

29 CFR 1926.850(a)

- Subpart T violations for 10+ years running; 'written evidence' of survey is the single biggest compliance gap

OSHA enforcement data

- 29 CFR 1926.850(a)

- Competent Person

1926.850(a)

- written engineering survey by competent person before any demolition - determines condition of framing, floors, walls; identifies hazards

29 CFR 1926.850(a)

- Written Survey Evidence

1926.850(a)

- written evidence that survey was performed

29 CFR 1926.850(a)

- competent person

29 CFR 1926.850(a)

COMPANY PROCEDURES

Guy's Construction implements the following procedures for demolition safety:

- Guy's Construction shall: Top-Down Demolition Sequence

1926.850(j)

- Guy's Construction shall: Competent person to conduct engineering survey and oversee demolition operations per 1926.850(a)

29 CFR 1926.850(a)

- Guy's Construction shall: minimum: hard hat Type I Class E, safety glasses Z87+, steel toes with puncture resistance (PR), hi-vis Class 2. Add based on hazards: respirator if lead/asbestos/silica suspected (P100 minimum, HEPA...

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29 CFR 1926.850(a)

- Guy's Construction shall: 29 CFR 1926.850(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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