

# Hot Work Management

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

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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:

- lighting stringers do not overload branch circuits
- advance notification to all Regional Notification Centers and all known owners of subsurface facilities who are not members of a Notification Center at least 2 working days prior to the start of any digging or excavation work
- advance notification to all Regional Notification Centers and known owners of subsurface facilities at least 2 working days prior
- advise all Regional Notification Centers and all known owners of subsurface facilities at least 2 working days prior to start of digging or excavation work
- advance notification to all Regional Notification Centers and known owners at least 2 working days prior
- any equipment which might reasonably be considered a source from which pollutants may escape
- the design of the system, equipment, and components, including equipment reliability and the necessary functions to be performed, in both a normal operation and in a degraded or failed state
- a tourist, scenic, historic, or excursion train operation conducted only on track used exclusively for that purpose (i.e., there is no freight, intercity passenger, or commuter passenger railroad operation on the track)
- a permit from the commission authorizing the disposal
- advise Regional Notification Centers at least 2 working days prior to digging

#### Cal/OSHA T8 Section 1541(b)(2)

- lead exposure above the action level
- cadmium fumes from surfaces painted with cadmium-containing paints
- surfaces painted with cadmium-containing paints
- cadmium fumes and airborne particulates
- cadmium fumes and airborne cadmium
- general corrosion has reduced the wall thickness of any metal component to less than that required for the well's maximum operating pressure
- an automatic system for the detection of fire and initiation of the operation of a sprinkler system
- Category 1
- in such a manner as to preclude unreasonable disruption of the operations of the place of employment being inspected
- the maximum phase-to-phase voltage of the circuit in which they are installed, and for the full-load current of the circuit that is supplied power through the device
- daily clearing of combustible debris and fire watch inspection 30 minutes after completion of work
- combustible material unless fire prevention precautions are taken
- fire or explosion
- fire hazard if not removed promptly
- fire during construction
- as Level A eye/face protection
- before either hand-operated crossover switch is restored to normal position

- cranes that do not have powered-down boom and load hoists
- a grossly negligent violation or a pattern of repeated violations has created an imminent hazard of death or injury to persons
- as part of the shift visual inspection
- Subpart J - Fire prevention
- Subpart J - Welding and Cutting

1926.352

- 29 CFR 1926.352
- 29 CFR 1926.352
- as free as practicable of accumulations of lead
- on the advice of the physician
- by vacuuming or other methods that minimize the likelihood of lead becoming airborne wherever possible
- in accordance with paragraph (n)(9) of this section
- all relevant information about a pipeline in complying with the requirements in paragraphs (a) through (g) of this section
- the use of reclaimed water in oil and gas operations

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## FEDERAL OSHA REQUIREMENTS

- trenching protection for pipe installation, LOTO for water/gas/sewer systems, hot work permits for soldering, confined space procedures for vaults/manholes

*29 CFR 1926.652, 1910.147, 1910.252, 1910.146*

- Employee instruction in safe means of arc welding and cutting

*1926.351(d)*

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*29 CFR 1926.351(d)*

- welding helmet ANSI Z87.1 with shade lens (SMAW 10-14, GMAW 10-13, GTAW 8-14, oxy-fuel cutting 3-6), FR clothing ASTM F1506, leather gauntlet gloves, leather boots ASTM F2413 with metatarsal guard (Mt), hearing protection if grinding/gouging

*29 CFR 1910.252(b), ANSI Z87.1, ASTM F1506, ASTM F2413, OSHA Fact Sheet*

- written permit authorizing welding/cutting/brazing, issued by employer's designated authority, area inspected for fire hazards, fire watch assigned

*29 CFR 1910.252(a)(2)(i), 1926.352(e)*

- written hot work permit for welding, cutting, brazing within 35 feet of combustibles; fire watch for 30 minutes after completion

*29 CFR 1926.352*

- Fire watch maintained for minimum 30 minutes after hot work completion. Fire watch personnel must have: fire extinguishing equipment immediately available, training in fire watch duties, authority to stop hot work if unsafe conditions develop.

*29 CFR 1915.504*

- fire watch maintained for minimum 30 minutes after hot work completion; competent person or marine chemist determination required before hot work on or near vessels

*29 CFR 1915.14 / 1915.504*

- provisions for establishing a fire watch

*29 CFR 1910.252(a)*

- fire watch per 1926.352(e)

*29 CFR 1926.800(i)(5)*

- Subpart J - Welding and Cutting

*1926.352*

## COMPANY PROCEDURES

Guy's Construction implements the following procedures for hot work management:

- Guy's Construction shall: trenching protection for pipe installation, LOTO for water/gas/sewer systems, hot work permits for soldering, confined space procedures for vaults/manholes

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*29 CFR 1910.252(a)(2)(i), 1926.352(e)*

## 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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