

Crane & Derrick Inspection

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:

- special training in hazards including proper inspection/removal of hoisting slings/eye-hooks/rigging components, procedures for determining proper sling length, use of rated load charts/capacities, design and use of manufactured rigging assemblies,...
- released from the crane or hoisting apparatus until the person detaching the load has verified that the load has been secured or supported to prevent inadvertent movement
- inspect the rigging prior to each shift
- qualification method(s)
- the site-specific erection plan
- unattended with the load suspended
- first state to receive OSHA approval in 1972

State Plan history

- written safety program required when Workers Comp Experience Rate Modifier is 1.5 or higher

13 NCAC 7A .0603

- must construct, guard, and operate masonry saws
- all persons who conduct inspections required by § 1926.1412 during the applicable document retention period
- items specified under §§ 1926.1412(d)(1)(i)-(xiv)
- during the applicable document retention period to all persons who conduct inspections required by § 1926.1412
- 29 CFR 1926.1412(f)
- § 1926.1412(e)(3)
- a medical surveillance program in accordance with paragraphs (j)(2) and (j)(3) of this section for all employees who are or may be exposed by the employer at or above the action level for more than 30 days in any consecutive 12 months
- as free as practicable of accumulations of lead
- public exposure to injury and probability of accidental ignition by assisting with evacuation of residents and assisting with halting traffic on roads and railroads in the affected area, or taking other appropriate action
- the use of reclaimed water in oil and gas operations
- 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
- wrapped around either member
- use of repaired wire rope as suspension rope is prohibited
- as suspension rope
- 20 times that of the wire rope
- one of the wire rope fastenings
- tubing tensile, burst, and collapse strengths
- Appendix B to Subpart L Criteria for determining the feasibility of providing safe access and fall protection for scaffold erectors and dismantlers (Reserved)

- the slope of the embrittlement model residuals plotted as a function of the base 10 logarithm of neutron fluence
- 164,000 volts per meter (50,000 volts per foot) of length for 1 minute (if tool is made of wood)
- open deck drains with traps or similar devices to prevent the escape of H₂S gas into the atmosphere
- semi-annual (twice per year) inspection of all fall arrest systems by competent person, vs federal annual requirement

Cal/OSHA Title 8

- each employee can demonstrate knowledge of how to inspect, put on and remove, use, and check the seals of the respirator
- catastrophic equipment failure during use
- time intervals no less than 4 hours and no more than 30 days long
- during its term for cause
- prior to the actual start of testing
- inaccurate determination of asbestos presence or concentration below 0.1%
- a framework that initially indicates how decisions will be made to implement each element
- The equipment is standing on a siding and a main track switch that the equipment is fouling is lined for the siding on which the equipment is standing
- the right and opportunity to examine and copy

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FEDERAL OSHA REQUIREMENTS

- qualified person inspection before use

29 CFR 1926.1412(a)(1)

- critical lift plan per API 2D when exceeding 75% of crane capacity or meeting other criteria; NCCCO operator certification; rigging hardware inspection

API 2D / 29 CFR 1926.1400

- below a power line

29 CFR 1926.1409(c)

- closer than the minimum approach distance under Table A to a power line

29 CFR 1926.1409(d)

- planning before beginning the operation

29 CFR 1926.1432(a)

- 29 CFR 1926.1412(f)

- the requirements of 29 CFR 1926.1414

29 CFR 1926.1414(a)

- dividing the breaking strength of wire rope by the total static load, including the weight of the wire rope in the shaft when fully extended

29 CFR 1926.552

- recommendations of the wire rope manufacturer, the equipment manufacturer, or a qualified person

29 CFR 1926.1414(a)

- critical review items in (a)(3), sections normally hidden during shift/monthly inspections, wire rope subject to reverse bends, and wire rope passing over sheaves

29 CFR 1926.1412(c)(2)(ii)

- joining lengths of wire rope by splicing

29 CFR 1926.1412

- annual inspection and proof load testing of all cargo handling gear by OSHA-accredited certifying authority; gear register maintained with inspection records

29 CFR 1919

COMPANY PROCEDURES

Guy's Construction implements the following procedures for crane & derrick inspection:

- Guy's Construction shall: qualified person inspection before use

29 CFR 1926.1412(a)(1)

- Guy's Construction shall: critical lift plan per API 2D when exceeding 75% of crane capacity or meeting other criteria; NCCCO operator certification; rigging hardware inspection

API 2D / 29 CFR 1926.1400

- Guy's Construction shall: below a power line

29 CFR 1926.1409(c)

- Guy's Construction shall: closer than the minimum approach distance under Table A to a power line

29 CFR 1926.1409(d)

- Guy's Construction shall: planning before beginning the operation

29 CFR 1926.1432(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)

- special training in hazards including proper inspection/removal of hoisting slings/eye-hooks/rigging components, procedures for determining proper sling length, use of rated load charts/capacities, design and use of manufactured rigging assemblies, proper rigging techniques to maintain a distance...
- released from the crane or hoisting apparatus until the person detaching the load has verified that the load has been secured or supported to prevent inadvertent movement
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