

Crane Operator Certification

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:

- 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
- 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,...
- load reaching top or bottom landings without operator knowledge
- silver-brazing alloy or similar high melting point (not less than 800 °F (427 °C)) filler metal
- must be available July 13, 1993
- you must place it so as to prevent splashing of hot material
- up to 2 feet (.61 m) below the bottom of the members of a shield system in a trench, only if the system is designed to resist the forces calculated for the full depth of the trench, and there are no indications of a possible loss of soil from behind...
- description of arrangements made among contractors on multi-contractor sites with respect to informing affected employees of potential exposure to lead and responsibility for compliance as set forth in 1926.16
- unattended with the load suspended
- maintain information until replaced following subsequent certification
- CDPH Lead-Related Construction (LRC) certification for lead abatement work in California

CDPH-LPA

- on file at the job site
- certification card on person

Cal/OSHA

- API RP 2SM Recommended Practice for Design, Manufacture, Installation, and Maintenance of Synthetic Fiber Ropes for Offshore Mooring
- § 250.1202 for Compressibility Factors for Hydrocarbons: 0.350-0.637 Relative Density (60 °F/60 °F) and ?50 °F to 140 °F Metering Temperature, Second Edition, October 1986; reaffirmed December 2007
- adequate ventilation, proper electrical classification, and approved spray equipment for paint and coating operations
- Adjustment screws must not be adjusted to raise formwork after the concrete is in place
- minimum 1/4 inch per foot slope to drainage points. Secondary (overflow) drains or scuppers required on low-slope roofs.

IBC 1502 / 1503

- certified/qualified in accordance with § 1926.1427
- § 1926.1427(d)
- violations of 1926.1427(b)(2) and 1926.1427(a)(1) when qualifications of monitor did not comply with 1926.1427(b)(4)
- § 1926.1427(d) and triggers citation grouped with § 1926.1427(c)(2) and § 1926.1427(a)
- violation of § 1926.1427(c)(2) grouped with § 1926.1427(a)
- employed to prevent electric shock or other injuries from direct or indirect electrical contacts when working near or on equipment or circuits which are or may be energized

- deenergized before the employee works on or near them
- employer demonstrates that deenergizing introduces additional or increased hazards or is infeasible due to equipment design or operational limitations
- the use of reclaimed water in oil and gas operations
- into any area penetrated by boreholes until conditions are determined under § 75.388 and the plan is approved by the district manager
- carbon monoxide poisoning or asphyxiation
- 2.5 percent
- third physician to conduct examinations, consultations, laboratory tests and discussions with prior physicians as necessary to resolve disagreement
- fiberboard box (4G) or fiber drum (1G) with plastic inner packaging not exceeding 5 kg (11 lbs) and maximum net mass not more than 25 kg (55 lbs)
- carbon monoxide poisoning
- 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 overall status of implementation of the provisions of this Part relating to the identification, inventory, and removal of underwater obstructions
- carbon monoxide levels in breathing air shall not exceed 10 ppm
- high-temperature or carbon monoxide alarm, or both, to monitor carbon monoxide levels
- 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

- 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

- no OSHA-mandated certification for tower climbers, but industry standard: NWSA (National Wireless Safety Alliance) Telecommunications Tower Technician certification; carriers (AT&T, Verizon, T-Mobile) require contractor workers to hold NWSA certification or equivalent; ComTrain/Tower Safety...

Industry standards + carrier contractual requirements + NWSA certification program

- IWCF (International Well Control Forum) or IADC WellSharp certification required for drilling crews on most rigs; driller and toolpusher/rig supervisor must hold valid well control certification; certification levels: introductory, fundamental, supervisor; recertification every 2 years; covers kick...

IWCF certification program + IADC WellSharp + operator/contractor requirements

- third-party certification by accredited testing organization (NCCCO, CIC, OECP) or employer-audited certification; recertification every 5 years

29 CFR 1926.1427

- Certification Record with Date, Signature, and Hoist Identifier

1926.552(c)(15)

- § 1926.1427(d) and triggers citation grouped with § 1926.1427(c)(2) and § 1926.1427(a)
- Written and Practical Test Covering Knowledge and Skills per 1926.1427(j)

1926.1427(c)(1)(i)

- written and practical test covering knowledge and skills per 1926.1427(j)

29 CFR 1926.1427(c)(1)(i)

COMPANY PROCEDURES

Guy's Construction implements the following procedures for crane operator certification:

- 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: maintained

29 CFR 1926.503(b)(2)

- Guy's Construction shall: no OSHA-mandated certification for tower climbers, but industry standard: NWSA (National Wireless Safety Alliance) Telecommunications Tower Technician certification; carriers (AT&T, Verizon,...

Industry standards + carrier contractual requirements + NWSA certification program

- Guy's Construction shall: IWCF (International Well Control Forum) or IADC WellSharp certification required for drilling crews on most rigs; driller and toolpusher/rig supervisor must hold valid well control certification;...

IWCF certification program + IADC WellSharp + operator/contractor requirements

- Guy's Construction shall: third-party certification by accredited testing organization (NCCCO, CIC, OECP) or employer-audited certification; recertification every 5 years

29 CFR 1926.1427

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)

- 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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