

Struck-By Prevention

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:

- serious injury or fatality
- toeboards and overhead protection
- struck-by or caught-between during placement of heavy timber members
- being struck by vehicles
- crushing or struck-by hazards from boom or jib collapse
- to a depth of 3/8 inch or more below the rest of the rail head and 8 inches or more in length
- Hazard communication program
- when indication of defect requires remedial action A, A2, or B
- 5 percent of the rail head area individually or 10 percent in the aggregate
- if rail contains defect listed in table and is not replaced or repaired
- enclosed cab for operator
- proximity to power lines or unstable ground
- rollover hazard and crushing
- operator being ejected during rollover
- silica dust, falling rock, and heavy equipment hazards
- approved by the director
- a designated person, except in an emergency
- name and number of the well and the legal description of the location of the well
- two consecutive blood samples indicate blood lead level below 40 µg/dl
- in a triple packaging consisting of a primary receptacle, secondary packaging, and outer packaging conforming to the provisions in paragraph (c)
- signaler in clear view of operator to direct backing operation
- operator dismounting and circling vehicle before backing
- spotter or flagger in clear view of operator directing backing
- the backing operation
- immediately on backing
- removal of the safeguards when employees no longer need the protection
- whether the consignment state or generator state requires the facility to submit any copies of the manifest to these states
- the commission after notice and hearing
- paper manifest forms bearing handwritten signatures when obtained, completed, and transmitted in accordance with § 262.20(a)(3) and used in accordance with this section
- the voltage specified in Section 1604.24(c)(1)
- a spotter or flagger in clear view of the operator who shall direct the backing operation
- spotter or flagger in clear view of the operator who shall direct the backing operation
- such as a spotter or flagger in clear view of the operator who shall direct the backing operation
- automatic back-up audible alarm, automatic rear braking device, spotter/flagger, dismount-and-circle

procedure, or prohibition of foot traffic

- a conductor encased within material of composition and thickness that is recognized by this subpart as electrical insulation
- strong outer packagings
- equipment from which appreciable quantities of dust would escape under abnormal operating conditions
- adequate support to allow stacking at least three units high with no resultant damage
- a certification that the safety device is classed as a Class 9 (UN3268)

Monday Safety — Sample Document

FEDERAL OSHA REQUIREMENTS

- hardhat at all times; hi-vis vest near vehicle/equipment traffic; secured loads on trucks; toe boards on scaffolds; barricades at overhead work

29 CFR 1926.95, 1926.100, 1926.201

- internal traffic control plan on construction sites; flaggers with ANSI Class 2/3 hi-vis; backing alarm or spotter; speed limits posted

29 CFR 1926.200-203, 1926.601-602

- hard hats (1926.100), high-vis vests in traffic zones, secured materials on scaffolds, toeboards, debris nets, barricades around overhead work

29 CFR 1926.100, 1926.451(h), 1926.502(j)

- 3/5 on-site O&G fatalities are struck-by/caught-in per OSHA IMIS database; sources: rotating equipment (drawworks, rotary table, cathead, tongs), falling equipment during rig-up/rig-down, high-pressure line failures (treating iron), crane/derrick operations, moving vehicles on location; cathead...

OSHA oil-and-gas-extraction/hazards page + OSHA IMIS + API RP 54

- highest fatality rate of any US industry at ~84 deaths per 100,000 workers (BLS CFOI); primary causes: struck-by falling trees/limbs (50%+), struck-by equipment, caught-in/between, vehicle rollovers on steep terrain; remote locations delay emergency response

BLS Census of Fatal Occupational Injuries + 29 CFR 1910.266

- mounted on solid backing
- Reverse Signal Alarm or Employee Signal Before Backing

1926.602(a)(9)(ii)

- reverse signal alarm or employee signal before backing

29 CFR 1926.602(a)(9)(ii)

- competent employee to control the operation of the gate, and the backing and loading of trucks

29 CFR 1926.852(c)

- competent employee to control gate, backing, and truck loading

29 CFR 1926.852(c)

- continuous contact with the equipment operator

29 CFR 1926.1407(b)(3)(i)

- positioned to effectively gauge the clearance distance

29 CFR 1926.1407(b)(3)(i)(B)

- the requirements of § 1926.1428 (Signal person qualifications)

29 CFR 1926.1402

- in continuous contact with the operator

29 CFR 1926.1408(b)(4)(ii)

- positioned to effectively gauge the clearance distance

29 CFR 1926.1410(d)(2)(ii)

COMPANY PROCEDURES

Guy's Construction implements the following procedures for struck-by prevention:

- Guy's Construction shall: hardhat at all times; hi-vis vest near vehicle/equipment traffic; secured loads on trucks; toe boards on scaffolds; barricades at overhead work

29 CFR 1926.95, 1926.100, 1926.201

- Guy's Construction shall: internal traffic control plan on construction sites; flaggers with ANSI Class 2/3 hi-vis; backing alarm or spotter; speed limits posted

29 CFR 1926.200-203, 1926.601-602

- Guy's Construction shall: hard hats (1926.100), high-vis vests in traffic zones, secured materials on scaffolds, toeboards, debris nets, barricades around overhead work

29 CFR 1926.100, 1926.451(h), 1926.502(j)

- Guy's Construction shall: 3/5 on-site O&G fatalities are struck-by/caught-in per OSHA IMIS database; sources: rotating equipment (drawworks, rotary table, cathead, tongs), falling equipment during rig-up/rig-down,...

OSHA oil-and-gas-extraction/hazards page + OSHA IMIS + API RP 54

- Guy's Construction shall: mounted on solid backing

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)

- serious injury or fatality
- toeboards and overhead protection
- struck-by or caught-between during placement of heavy timber members
- being struck by vehicles
- crushing or struck-by hazards from boom or jib collapse
- to a depth of 3/8 inch or more below the rest of the rail head and 8 inches or more in length
- Hazard communication program
- when indication of defect requires remedial action A, A2, or B
- 5 percent of the rail head area individually or 10 percent in the aggregate
- if rail contains defect listed in table and is not replaced or repaired
- enclosed cab for operator
- proximity to power lines or unstable ground
- rollover hazard and crushing
- operator being ejected during rollover
- silica dust, falling rock, and heavy equipment hazards
- approved by the director
- a designated person, except in an emergency
- name and number of the well and the legal description of the location of the well
- two consecutive blood samples indicate blood lead level below 40 µg/dl
- in a triple packaging consisting of a primary receptacle, secondary packaging, and outer packaging conforming to the provisions in paragraph (c)
- signaler in clear view of operator to direct backing operation
- operator dismounting and circling vehicle before backing
- spotter or flagger in clear view of operator directing backing
- the backing operation
- immediately on backing
- removal of the safeguards when employees no longer need the protection
- whether the consignment state or generator state requires the facility to submit any copies of the manifest to these states
- the commission after notice and hearing
- paper manifest forms bearing handwritten signatures when obtained, completed, and transmitted in accordance with § 262.20(a)(3) and used in accordance with this section
- the voltage specified in Section 1604.24(c)(1)
- a spotter or flagger in clear view of the operator who shall direct the backing operation
- spotter or flagger in clear view of the operator who shall direct the backing operation
- such as a spotter or flagger in clear view of the operator who shall direct the backing operation
- automatic back-up audible alarm, automatic rear braking device, spotter/flagger, dismount-and-circle procedure, or prohibition of foot traffic
- a conductor encased within material of composition and thickness that is recognized by this subpart as

electrical insulation

- strong outer packagings
- equipment from which appreciable quantities of dust would escape under abnormal operating conditions
- adequate support to allow stacking at least three units high with no resultant damage
- a certification that the safety device is classed as a Class 9 (UN3268)

Monday Safety — Sample Document