

# Forklift (PIT) Safety

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

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Ontology-Backed Safety Document  
ANSI B56.1 / 1910.178  
1910.178

Effective Date: June 08, 2026

**SAMPLE DOCUMENT - NOT FOR COMPLIANCE USE**

## JURISDICTION AND REGULATORY FRAMEWORK

### STATE-SPECIFIC: California has the following requirements:

- electric motor sit-down rider counterbalanced forklift; most common warehouse type

*ANSI B56.1 / 1910.178*

- pre-shift inspection

*1910.178*

- forklift training per 1910.178
- Cal/OSHA 3664

*Cal/OSHA 3664*

- T8 CCR 3650-3669

*T8 CCR 3650-3669*

- 1 ft. 6 in. (46 cm) for over 750V not over 2kV
- Avoid contact for 300V and less
- 2 ft. 0 in. (61 cm) for over 2kV not over 15kV
- 4 ft. 0 in. (122 cm) for over 87.5kV not over 121kV
- 3 ft. 0 in. (91 cm) for over 15kV not over 37kV
- airborne particulate including respirable crystalline silica
- daily
- uncontrolled exposure to respirable crystalline silica above the PEL
- the Chief to take appropriate action as provided in NRS 618.325, 618.435, 618.515, 618.665 and 618.705
- developing lung cancer
- medical surveillance
- consistent with the loads handled
- state-specific masonry wall bracing standard (CS Part 2)

*CS-02 Masonry Wall Bracing*

- fixed platform well with a casing pressure exceeding its MAWOP
- a point not less than 6 feet above the pit floor
- a point not more than 8 feet above the pit floor
- 6 feet and 8 feet above the pit floor
- 12 inches above the pit floor
- a point not more than 12 inches above the pit floor
- 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)
- the overall status of implementation of the provisions of this Part relating to the identification, inventory, and removal of underwater obstructions
- 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
- 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)
- powered industrial trucks (forklifts) used in general industry
  - forklift operator training and evaluation before operation: truck-related topics, workplace-related topics, hands-on evaluation
  - operator training per 1910.178
  - per 1910.178(g)
  - above each belt drive, belt take-up, electrical control, and gear-reducing unit
  - if it is safe to lift personnel in light of dangerous weather conditions or other danger
  - an accurate record of historical monitoring data reasonably relied upon in support of the exception
  - amount of award made to the employee for earnings lost during the period of removal
  - cut by the crosstie plate through more than 40 percent of a crosstie's thickness

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## FEDERAL OSHA REQUIREMENTS

- electric hand/rider truck including powered pallet jacks and end riders

*ANSI B56.1 / 1910.178*

- electric motor sit-down rider counterbalanced forklift; most common warehouse type

*ANSI B56.1 / 1910.178*

- pre-shift inspection

*1910.178*

- operator name, date of training, date of evaluation, identity of trainer/evaluator

*29 CFR 1910.178(l)(6)*

- at least once every 3 years

*29 CFR 1910.178(l)(4)(i)*

- 29 CFR 1910.178(l) Powered Industrial Truck Operator Training

*1926.602(d)*

- guardrail, fence, barricade, or cover

*29 CFR 1926.501(b)(7)(ii)*

- the number one cause of fatalities in warehousing; separation of pedestrian and PIT traffic is cited under general duty clause

*OSHA general duty clause / BLS data*

- sloped to the angle of repose or sheet-piled and braced

*29 CFR 1926.603(c)(3)*

- ladders and bulkheaded curbs to prevent material from falling into the pit

*29 CFR 1926.603(c)(6)*

- pit gain, drilling break, flow with pumps off, change in pump pressure, change in returns; most common kick scenario is during tripping operations

*API 53 / well control training*

- powered industrial trucks (forklifts) used in general industry

*29 CFR 1910.178(a)*

- eyewash facility and adequate ventilation in battery charging areas for electric forklifts

*29 CFR 1910.178(q)(7)*

- #6 most cited FY2024 (general industry)

*OSHA Top 10 FY2024*

- all forklift operators to be trained and evaluated before operating a powered industrial truck

*29 CFR 1910.178(l)(1)(i)*

## COMPANY PROCEDURES

Guy's Construction implements the following procedures for forklift (pit) safety:

- Guy's Construction shall: pre-shift inspection

1910.178

- Guy's Construction shall: operator name, date of training, date of evaluation, identity of trainer/evaluator

29 CFR 1910.178(l)(6)

- Guy's Construction shall: at least once every 3 years

29 CFR 1910.178(l)(4)(i)

- Guy's Construction shall: guardrail, fence, barricade, or cover

29 CFR 1926.501(b)(7)(ii)

- Guy's Construction shall: sloped to the angle of repose or sheet-piled and braced

29 CFR 1926.603(c)(3)

## 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

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## California STATE-SPECIFIC REQUIREMENTS (FULL)

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