

Underground Utility 811

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:

- existing utility, other underground structures, and previously disturbed soil
- Project Permit
- construction with fire-resistant materials
- Cal/OSHA tunnel safety orders per T8 CCR 1560+: ventilation, atmospheric monitoring, emergency provisions, fire prevention, ground support

T8 CCR 1560+

- 50 percent or more if a knot is used
- 0.72
- tunnel construction
- (A) Eighty percent of the average yield strength determined by the tensile tests or (B) The lowest yield strength determined by the tensile tests
- at least monthly
- component operating at lower pressure will not be overstressed when connected to higher pressure component
- underground-utility
- written
- underground-utility
- written
- utility_locate_status (811)

1926.651(b)(1-2)

- at the site to warn of the presence of hydrogen sulfide gas in concentrations that could be harmful
- removal or encapsulation of materials containing lead
- at strategic locations at or near the site and be readily visible from the site
- name and job classification of employees measured, details of the sampling and analytical techniques, the results of this sampling, and the type of respiratory protection being worn
- § 195.106(e)
- the state has adopted a one-call damage prevention program under § 198.37 of this chapter
- the state has adopted a one-call damage prevention program under § 198.37
- § 198.39
- the duties of paragraph (c)(3) of this section through participation in a one-call system, if that one-call system is a qualified one-call system
- the duties of paragraph (c)(3) through participation in a one-call system if that one-call system is a qualified one-call system
- at each ASV on a calendar year basis not to exceed 15 months
- the hole by filling it from total depth to a depth of no more than 16 feet below the surface with drill cuttings and/or bentonite
- 80 percent of the pressure ratings for comparable steel valves at their listed temperature if temperature-adjusted service pressure does not exceed 1,000 psi and welding is not used on any ductile

iron component

- to correct any valve found inoperable, unless an alternative valve is designated
- at intervals not exceeding 15 months, but at least once each calendar year
- records of utility locate markings and any utility company approvals
- notification to underground utility locate service before any excavation
- written documentation
- excavation-earthwork
- must be equipped with an indicating pressure gage so located as to be readily visible
- for proper access and egress and shall be affixed or built into the scaffold and located so that its use will not tend to tip the scaffold
- by the use of compressed air
- an operator has adequate information to determine that a condition presenting a potential threat to the integrity of the pipeline exists
- a written request for an extension of the time

Monday Safety — Sample Document

FEDERAL OSHA REQUIREMENTS

- underground-utility
- utility locate status (811)

29 CFR 1926.651(b)(1-2)

- utility_locate_status (811)

1926.651(b)(1-2)

- notification to underground utility locate service before any excavation; minimum 48-hour advance notice in most states; California requires 2 working days per Gov Code 4216

State One-Call laws / California Gov Code 4216

- 811/One-Call utility locate, atmospheric monitoring for H2S and LEL near production equipment, contaminated soil protocols, pipeline proximity awareness

29 CFR 1926.651 / O&G best practices

- the state has adopted a one-call damage prevention program under § 198.37
- the duties of paragraph (c)(3) through participation in a one-call system if that one-call system is a qualified one-call system
- soil classification results, protective system selected (sloping/shoring/shield), utility locate results, competent person designation, egress locations, atmospheric testing plan (if needed), water control measures, spoil placement plan

29 CFR 1926.650-652

Monday Safety — Sample Document

COMPANY PROCEDURES

Guy's Construction implements the following procedures for underground utility 811:

- Guy's Construction shall: utility locate status (811)

29 CFR 1926.651(b)(1-2)

- Guy's Construction shall: utility_locate_status (811)

1926.651(b)(1-2)

- Guy's Construction shall: notification to underground utility locate service before any excavation; minimum 48-hour advance notice in most states; California requires 2 working days per Gov Code 4216

State One-Call laws / California Gov Code 4216

- Guy's Construction shall: 811/One-Call utility locate, atmospheric monitoring for H2S and LEL near production equipment, contaminated soil protocols, pipeline proximity awareness

29 CFR 1926.651 / O&G best practices

- Guy's Construction shall: § 198.39

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)

- existing utility, other underground structures, and previously disturbed soil
- Project Permit
- construction with fire-resistant materials
- Cal/OSHA tunnel safety orders per T8 CCR 1560+: ventilation, atmospheric monitoring, emergency provisions, fire prevention, ground support

T8 CCR 1560+

- 50 percent or more if a knot is used
- 0.72
- tunnel construction
- (A) Eighty percent of the average yield strength determined by the tensile tests or (B) The lowest yield strength determined by the tensile tests
- at least monthly
- component operating at lower pressure will not be overstressed when connected to higher pressure component
- underground-utility
- written
- underground-utility
- written
- utility_locate_status (811)

1926.651(b)(1-2)

- at the site to warn of the presence of hydrogen sulfide gas in concentrations that could be harmful
- removal or encapsulation of materials containing lead
- at strategic locations at or near the site and be readily visible from the site
- name and job classification of employees measured, details of the sampling and analytical techniques, the results of this sampling, and the type of respiratory protection being worn
- § 195.106(e)
- the state has adopted a one-call damage prevention program under § 198.37 of this chapter
- the state has adopted a one-call damage prevention program under § 198.37
- § 198.39
- the duties of paragraph (c)(3) of this section through participation in a one-call system, if that one-call system is a qualified one-call system
- the duties of paragraph (c)(3) through participation in a one-call system if that one-call system is a qualified one-call system
- at each ASV on a calendar year basis not to exceed 15 months
- the hole by filling it from total depth to a depth of no more than 16 feet below the surface with drill cuttings and/or bentonite
- 80 percent of the pressure ratings for comparable steel valves at their listed temperature if temperature-adjusted service pressure does not exceed 1,000 psi and welding is not used on any ductile iron component
- to correct any valve found inoperable, unless an alternative valve is designated

- at intervals not exceeding 15 months, but at least once each calendar year
- records of utility locate markings and any utility company approvals
- notification to underground utility locate service before any excavation
- written documentation
- excavation-earthwork
- must be equipped with an indicating pressure gage so located as to be readily visible
- for proper access and egress and shall be affixed or built into the scaffold and located so that its use will not tend to tip the scaffold
- by the use of compressed air
- an operator has adequate information to determine that a condition presenting a potential threat to the integrity of the pipeline exists
- a written request for an extension of the time

Monday Safety — Sample Document