

**STANDARDS PRESENTATION
TO
CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD**

PROPOSED STATE STANDARD,
TITLE 8, CHAPTER 4

Amend Section 1541 to read as follows:

§1541. General Requirements.

(a) Surface encumbrances. All surface encumbrances that are located so as to create a hazard to employees shall be removed or supported, as necessary, to safeguard employees.

(b) Subsurface ~~Underground~~ installations.

(1) The ~~estimated~~ approximate location of ~~utility~~ subsurface installations, such as sewer, telephone, fuel, electric, water lines, or any other subsurface ~~underground~~ installations that reasonably may be expected to be encountered during excavation work, shall be determined by the excavator prior to opening an excavation.

(A) Excavation shall not commence until:

1. The excavation area has been marked as specified in Government Code Section 4216.2 by the excavator; and

2. The excavator has received a positive response from all known owner/operators of subsurface installations within the boundaries of the proposed project confirming that all known installation owner/operators have responded by locating their installations, advising of the location of their installation, or advising that the operator does not operate a subsurface installation that would be affected by the proposed excavation.

(B) When the excavation is proposed within 10 feet of, or in conflict with, a high priority subsurface installation, an onsite meeting involving the excavator and the subsurface installation owner/operator's representative shall be held to determine the action or activities required to verify the location of such installations. High priority subsurface installations are high pressure natural gas pipelines with normal operating pressures greater than 415 kPA gauge (60 p.s.i.g), petroleum pipelines, pressurized sewage pipelines, high voltage electric supply lines, conductors or cables that have a potential to ground of more than 60,000 volts, or hazardous materials pipelines that are potentially hazardous to employees, or the public, if damaged.

(C) Only qualified persons may perform subsurface installation locating activities in accordance with this section and Government Code Sections 4216 through 4216.9. Persons who complete a training program in accordance with the requirements of Section 1509, Injury and Illness Prevention Program (IIPP), that meets the minimum training guidelines and practices of the Common Ground Alliance (CGA) Best Practices, Version 2.0, published December 2004, or the standards of the National Utility Locating Contractors Association (NULCA), Standard 101: Professional Competence Standards for Locating Technicians, 2001, First Edition, which are incorporated by reference, shall be deemed qualified for the purpose of this section.

(D) Employees shall be trained in the excavator notification and excavation practices required by this section and Government Code Sections 4216 through 4216.9.

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Amend Section 1541 to read as follows (continued):

(2) All Regional Notification Centers as defined by Government Code Section 4216(h) in the area involved and all known owners of ~~underground~~ subsurface facilities in the area who are not members of a Notification Center shall be advised of the proposed work at least 2 working days prior to the start of any digging or excavation work. EXCEPTION: Emergency repair work to ~~underground~~ subsurface facilities as defined in Government Code Section 4216(d).

(3) When excavation or boring operations approach the ~~estimated~~ approximate location of ~~underground~~ subsurface installations, the exact location of the installations in conflict shall be determined by safe and acceptable means that will prevent damage to the subsurface installation, as provided by Government Code Section 4216.4.

(4) While the excavation is open, subsurface ~~underground~~ installations shall be protected, supported, or removed as necessary to safeguard employees.

(5) An excavator discovering or causing damages to a subsurface installation shall notify the facility owner/operator or the regional notification center immediately. All breaks, leaks, nicks, dents, gouges, grooves, or other damages to an installation's lines, conduits, coatings or cathodic protection shall be reported.

NOTE: Authority cited: Section 142.3, Labor Code. Reference: Section 142.3, Labor Code; and Section 4216, Government Code.