

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

PROPOSED STATE STANDARD,  
TITLE 8, CHAPTER 4

Amend Section 2320.2 to read:

§2320.2. Energized Equipment or Systems.

(a) Work shall not be performed on exposed energized parts of equipment or systems until the following conditions are met:

- (1) Responsible supervision has determined that the work is to be performed while the equipment or systems are energized.
- (2) Involved personnel have received instructions on the work techniques and hazards involved in working on energized equipment.
- (3) Suitable personal protective equipment and safeguards (i.e., approved insulated gloves or insulated tools) are provided and used.

EXCEPTION: Approved insulating gloves or insulated tools are not required when working on exposed parts of equipment or systems energized at less than 50 volts.

(A) Rubber insulating gloves shall meet the provisions of the American Society for Testing Materials (ASTM) D 120-95 02a, Standard Specification for Rubber Insulating Gloves, and be maintained in accordance ASTM F 496-02a, Standard Specification for In-Service Care of Insulating Gloves and Sleeves, which ~~is~~ are hereby incorporated by reference.

(B) Insulated tools shall meet the provisions of the American Society for Testing Materials (ASTM) F 1505-94 01, Standard Specification for Insulated and Insulating Hand Tools, which is hereby incorporated by reference.

- (4) Approved insulated gloves shall be worn for voltages in excess of 250 volts to ground.
  - (5) Suitable barriers or approved insulating material shall be provided and used to prevent accidental contact with energized parts.
  - (6) Suitable eye protection has been provided and is used.
  - (7) Where required for personnel protection, suitable barricades, tags, or signs are in place.
  - (8) Each employee who is exposed to the hazards of flames or electric arcs wears apparel that, when exposed to flames or electric arcs, does not increase the extent of injury that would be sustained by the employee. This subsection prohibits clothing made from the following types of fabrics, either alone or in blends, unless the employee can demonstrate that the fabric has been treated with flame retardant: acetate, nylon, polyester, and rayon.
- (b) After the required work on an energized system or equipment has been completed, an authorized person shall be responsible for:
- (1) Removing from the work area any temporary personnel protective equipment, and
  - (2) Reinstalling all permanent barriers or covers.

NOTE: Authority cited: Section 142.3, Labor Code. Reference: Section 142.3, Labor Code.