

## **MACHINERY AND EQUIPMENT**

**1767**

(No. 57 March 2006)

All machinery and equipment used by CAL FIRE employees will be designed, selected, inspected and maintained in accord with the provisions of this section, except where specific policies apply to specific machinery or equipment. In the case of two or more policies which might be applied to specific machinery or equipment, the policy (or combinations of policies) which provides the highest level of protection to the employee will be the controlling policy and will be followed in all cases.

*Authority: Title 8, California Code of Regulations (General Industry Safety Orders)  
Sections 3328 and 3314*

### **DESIGN AND USE**

**1767.1**

(No. 57 March 2006)

Machinery and equipment shall be of adequate design to safely perform the designated tasks. All machinery and equipment shall be operated at speeds, stresses and loads that ensure employee safety.

### **INSPECTION AND MAINTENANCE**

**1767.2**

(No. 57 March 2006)

Machinery and equipment in service shall be inspected and maintained as recommended by the manufacturer where such recommendations are available. Always inspect plugs and switches for signs of malfunction, such as burn marks, missing ground prong in plugs or exposed electrical wires.

### **DEFECTIVE PARTS**

**1767.3**

(No. 57 March 2006)

Machinery and equipment with defective parts which create a hazard shall not be used. A highly visible sign shall be placed on the equipment stating that the equipment is defective and shall not be used until repairs have been completed.

### **FIXED MACHINERY AND EQUIPMENT**

**1767.4**

(No. 57 March 2006)

Machinery and equipment designed for a fixed location shall be restrained so as to prevent walking or moving from its location. This can often be accomplished by securing the machine or equipment to the floor, a concrete pad or a stud in a wall.

## **MINIMIZE HAZARDS**

**1767.5**

(No. 57 March 2006)

Machinery and equipment components shall be designed, secured, or covered to minimize hazards caused by breakage, release of mechanical energy (e.g. broken springs), or loosening and falling.

## **MODIFICATIONS**

**1767.6**

(No. 57 March 2006)

Any modifications shall be in accordance with 1767.1 above and with good engineering practices.

## **SAFE OPERATING CONDITIONS**

**1767.7**

(No. 57 March 2006)

Machinery and equipment in service shall be maintained in a safe operating condition. Machinery and equipment not maintained in a safe operating condition shall be taken out of service and a highly visible sign affixed to it indicating that it is out of service for safety reasons and is not to be operated until it has been made safe to operate.

## **REPAIR AND MAINTENANCE**

**1767.8**

(No. 57 March 2006)

Only qualified persons shall be permitted to maintain or repair machinery and equipment.

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