

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

October 29, 2019 POST AC DRAFT Proposal
TITLE 8, DIVISION 1, CHAPTER 4

General Industry Safety Orders

Article 12. Tree Work, Maintenance or Removal

Amend section 3420 as follows:

§ 3420. Scope and Definitions.

(b) Definitions.

Palm Frond Skirt. One or more year's accumulation of dead and drooping palm fronds at the bottom of the palm's canopy and along its trunk.

Presence Sensing System. A system designed, constructed and arranged to create a sensing field, plane or area that detects part of an employee's body within the sensing field, plane or area.

Proximity. An area within 10 feet (3.05 meters) of energized overhead electrical conductors rated 50 kilovolts (kV) phase to phase or less. For overhead electrical conductors rated more ~~that~~ than 50 kV phase to phase, the distance is increased 4/10 inch (10 millimeters) for each additional kV.

Prusik Loop. An endless loop of rope used to fashion the Prusik knot (which is a sliding friction knot). The endless loop may be spliced or knotted with, at minimum, a double fisherman's knot

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

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Amend section 3424 as follows:

§ 3424. Mobile Equipment.

(a) General.

(c) Brush Chippers.

(6) Each disk-type tree or brush chipper equipped with a mechanical infeed system shall have a quick stop and reversing device on the infeed. The activating lever for the quick stop and reversing device shall be located across the top, along each side of, and as close to the feed end of the infeed hopper as practicable and within easy reach of the operator.

(7) After [60 months after the effective date of this regulation], brush chippers equipped with a mechanical infeed shall be guarded in a manner that will stop the mechanical infeed system before any part of the employee's body can make contact with the infeed system with one or more of the following:

(A) A device which activates upon contact; or

(B) A presence sensing system validated in accordance with ISO 13849-2.

~~(7)~~(8) Rotary drum or disk-type brush chippers shall be fed from the side of the centerline, and the operator shall immediately turn away from the feed table when the brush is taken into the rotor.

~~(8)~~(9) Employees shall never place hands, arms, feet, legs, or any other part of the body on the feed table when the brush chipper is in operation or the rotor is turning.

~~(9)~~(10) Climbing equipment, ropes, body belts, harnesses and lanyards shall not be worn while operating chippers.

~~(10)~~(11) The brush chipper discharge chute or cutter housing cover shall not be opened or removed while any part of the chipper is turning or moving.

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~~(11)~~(12) Material such as stones, nails, and similar debris shall not be fed into the brush chipper. Ropes that present an entanglement hazard shall be prevented from entering the point of operation of the chipper.

~~(12)~~(13) Chipper mounted winches shall be used in accordance with the manufacturer's instructions.

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