

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

Attachment No. 1

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PROPOSED STATE STANDARD,
TITLE 8, DIVISION 1, CHAPTER 4

Amend Section 4994 to read:

§4994. Hoisting.

(a) Cranes shall not be operated with wheels or tracks off the ground or working surface at any time unless properly bearing on outriggers or stabilizers. Power actuated jacks (outriggers or stabilizers), where used, shall be provided with means to prevent loss of support under load.

(b) Outriggers or stabilizers shall be used when the load to be handled at that particular radius exceeds the rated load without outriggers or stabilizers as given by the certified agent for that crane.

(1) Where floats are used they shall be securely attached to the outriggers or stabilizers.

(2) Outrigger or stabilizer supports shall:

(A) Be strong enough to prevent crushing;

(B) Be free from defects;

~~(C) Be of sufficient width and length to prevent settling, shifting or toppling under load.~~

(3) Outriggers or stabilizers shall be set in accordance with the crane manufacturer's specified configuration requirements for the capacity chart being used. If the crane manufacturer is no longer in business or if the crane manufacturer's specifications regarding the deployment of outriggers or stabilizers are is no longer available, the outriggers or stabilizers shall be ~~extended~~ deployed as specified by a qualified person.

~~(4) Timbers, cribbing or other structural members shall be used to distribute the load so as not to exceed the allowable bearing capacity of the underlying material. If needed to support the load of an outrigger or stabilizer so as not to exceed the allowable bearing capacity of the underlying material or to establish a level condition for the crane, timbers, cribbing or other structural members shall be used. When used, timbers, cribbing or other structural members shall be strong enough to prevent crushing and be of such thickness, width, and length as to completely support the outrigger or stabilizer float.~~

(5) When a crane is equipped with stabilizers, the stabilizers shall be used in accordance with American Society of Mechanical Engineers (ASME) B30.22- ~~2000~~2010, ~~Sections 22-3.2.1(7) and (8)~~Section 22-3.2.4, and/or B30.5-2011, Section 5-1.2, which are incorporated herein by reference. For construction industry outrigger and stabilizer use requirements, see Construction Safety Orders, Section 1611.2(q).

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