

**TITLE 8:
CONSTRUCTION SAFETY ORDERS
Chapter 4, Subchapter 4, Article 14,
Sections 1604.5(c)(3) and 1604.6(a)**

Construction Hoistway Doors and Door Locking Devices

Heard at the November 21, 2002, Public Hearing
Adopted on December 12, 2002
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**STANDARDS PRESENTATION
TO
CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD**

PROPOSED STATE STANDARD,
TITLE 8, CHAPTER 4

Amend Section 1604.5(c)(3) to read as follows:

§ 1604.5. Construction of Towers, Masts, and Hoistway Enclosures.

(c) Hoistway Enclosures.

(3) Design.

Hoistway enclosures ~~and hoistway doors~~ shall be so supported and braced that when subjected to a pressure of 100 pounds applied horizontally at any point, the deflection shall not exceed 1 inch and shall not reduce the running clearance below the minimum required in Section 1604.11(a).

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

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

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PROPOSED STATE STANDARD,
TITLE 8, CHAPTER 4

Amend Section 1604.6(a) to read as follows:

§1604.6. Hoistway Doors and Door Locking Devices.

(a) Height, Material, and Installation.

(1) Hoistway doors shall be not less than 6 feet 6 inches high.

(2) Hoistway doors and gates including their components, such as guides, guide shoes, tracks, locking devices, hangers, hinges, etc., shall be so designed, constructed, installed and maintained that the fully closed door or gate shall not deflect beyond the centerline of the car-to-landing sill clearance when subjected to a force of 75 pounds applied perpendicular to the door or gate and distributed over an area of 1 square foot on any part of the door or gate, including the components.

(3) When subjected to a force of 250 pounds applied as described in subsection (a)(2), doors or gates and their components shall not be displaced from their supports, guides, tracks, hinges, latches and locking devices, or be permanently deformed or otherwise made inoperative.

(4) Where multi-section doors or gates are used, each panel shall withstand the forces specified in subsections (a)(2) and (a)(3).

(5) Solid doors, where used, shall be provided with a vision panel or panels having an opening width of not more than 6 inches, and an area not more than 80 square inches per panel covered with expanded metal or wire mesh which ~~will~~ shall reject a ¾-inch ball or clear material having equivalent strength. The vision panel shall withstand a force of 75 pounds applied perpendicularly to any part of the panel and distributed over an area of 1 square foot with no greater deflection than any other part of the door as allowed in subsection (a)(2).

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