STANDARDS PRESENTATION
TO
CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD

PROPOSED STATE STANDARD,
TITLE 8, CHAPTER 4

Amend Section 1710 to read:

§1710. Erection of Structures.

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(k) Permanent Flooring -Skeleton Steel Construction in Tiered Buildings.

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(l) Temporary Flooring –Skeleton Steel Construction in Multistory Buildings.

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(5) Installation of Metal Decking.

(A) Except as provided in Section 1710(n), metal decking shall be laid tightly and immediately secured upon placement to prevent accidental movement or displacement.

(B) During initial placement, metal decking panels shall be placed to ensure full support by structural members.

~~(5)~~ (C) Framed metal deck openings shall have structural members turned down to allow continuous deck installation except where not allowed by structural design constraints or constructability.

(6) Metal decking holes and openings shall not be cut until immediately prior to being permanently filled with the equipment or structure needed or intended to fulfill its specific use and which meets the strength requirements of Section 1632(b) of these orders, or shall be immediately covered.

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

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

Construction Safety Orders, Section 1710(n) reads as follows:

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(n) Controlled Decking Zone (CDZ). A CDZ is an area established specifically for the initial placement and securing of metal decking where access to the area is restricted and work may take place without the use of a personal fall protection system.

(1) A controlled decking zone is permitted only in that area of the structure over 15 feet and up to 30 feet above a lower level when it can be shown that the use of a personal fall protection system is impractical or creates a greater hazard.

(2) The CDZ shall be limited to that area where metal decking is initially being installed and forms the leading edge work.

(3) The implementation of a CDZ shall be under the supervision of a competent person.

(4) The employer shall document the reasons why the use of conventional fall protection systems (guardrails, personal fall arrest systems, positioning device systems, fall restraint systems or safety nets) are infeasible or why their use would create a greater hazard.

(A) The name or other method of identification for each employee (e.g., job title) who is designated to work in the CDZ must be documented.

(B) The documentation required by this subsection shall be in writing and shall be available at the job site.

(5) Where a CDZ is being used, the employer shall assure that a safety monitoring system is provided and shall designate a competent person to monitor the safety of employees within the CDZ. The safety monitor shall comply with the following requirements:

(A) The safety monitor shall be competent to recognize fall hazards;

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(B) The safety monitor shall warn the employee when it appears that the employee is unaware of a fall hazard or is acting in an unsafe manner;

(C) The safety monitor shall be within visual sighting distance of the employee;

(D) The safety monitor shall be close enough to communicate orally with the employee;

(E) The safety monitor shall not have other responsibilities which could take the monitor's attention from the monitoring function; and

(F) The safety monitor shall not be located within the CDZ.

(6) In each CDZ, the following shall apply:

(A) Each employee working within a CDZ shall be protected from fall hazards greater than two stories or 30 feet, whichever is less, by the use of a personal fall protection system.

(B) Access to a CDZ shall be limited to only those employees engaged in leading edge work.

(C) The boundaries of a CDZ shall be designated and clearly marked. The CDZ shall be defined by a control line or by any equivalent means that restrict access.

1. Control lines shall meet the requirements of Section 1671.2(a)(4) through (a)(6).

2. When control lines or equivalent means are used, they shall be erected not less than 6 feet from the unprotected leading edge.

3. The CDZ shall not be more than 90 feet wide and 90 feet deep from any leading edge.

4. Signs meeting the requirements of the General Industry Safety Orders, Section 3340 shall be posted to warn unauthorized persons to stay out of the CDZ.

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

(7) Safety deck attachments shall be performed in the CDZ from the leading edge back to the control line and shall have at least two attachments for each metal decking panel. The area of decking without completed safety deck attachments shall not exceed 3000 square feet.

(8) Final deck attachments, installation of shear connectors, and flashing shall not be performed in the CDZ.

(9) Where a CDZ is being used, the employer shall assure that each affected employee has been provided training in accordance with subsection (q)(3)(C) of this section.

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