

# Memorandum

To : Marley Hart, Acting Executive Officer  
Occupational Safety and Health Standards Board  
2520 Venture Oaks Way, Suite 350  
Sacramento, CA 95833

Date: May 27, 2014

From : Department of Industrial Relations  
Division of Occupational Safety and Health  
Juliann Sum, Acting Chief



Subject : Securing Metal Decking - F9-77

The Federal OSHA Construction standard contains specific requirements for securing metal Decking during the steel erection process as follows:

1926.754(e)(5)(i) Except as provided in §1926.760(c), metal decking shall be laid tightly and immediately secured upon placement to prevent accidental movement or displacement.

1926.754(e)(5)(ii) During initial placement, metal decking panels shall be placed to ensure full support by structural members.

Title 8, section 1710 does not have standards as effective as the Federal OSHA standard to secure decking from accidental displacement. The Division requests that section 1710(l)(5) be modified as follows:

1710(l) Temporary Flooring -Skeleton Steel Construction in Multistory Buildings.

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

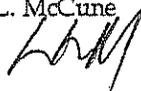
(5) Installation of metal decking.

(A) Except as provided in § 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.

(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 constructibility.

(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.



The proposed modification will provide greater fall protection for Ironworkers by requiring decking to be secured to prevent decking from being accidentally displaced

Form 9-1710(1) Attached

State of California  
Department of Industrial Relations  
Division of Occupational Safety and Health

1. Date: April 1, 2014
2. S. Eng./IH: Safety
3. Reg./Dist./Unit: R&S

## REQUEST FOR NEW OR CHANGE IN EXISTING SAFETY ORDER

4. Industry: Construction Safety Orders, Section 1710(I).
5. Proposal for a new Safety Order. (Fill out PART I).  
Proposal for modifying an existing Safety Order. (Fill out PART II).

### PART I NEW SAFETY ORDER

6. Hazard Description (include process, condition, machinery, equipment or product involved):
7. Recommended New Safety Order Language (Other nationally recognized standards may be used as a format.):

1/OSHA 9 (02/04/00)

## REQUEST FOR NEW OR CHANGE IN EXISTING SAFETY ORDER

### PART II CHANGE IN EXISTING SAFETY ORDER

8. Reason(s) for request (employer's appeal granted, advice of Legal Unit staff, safety order needs clarification or other):

Title 8 section 1710(I) does not include the following Federal OSHA regulations for the installation of metal decking:

1926.754(e)(5)(i) Except as provided in §1926.760(c), metal decking shall be laid tightly and immediately secured upon placement to prevent accidental movement or displacement.

1926.754(e)(5)(ii) During initial placement, metal decking panels shall be placed to ensure full support by structural members.

9. T8 Section/Subsection you are suggesting be changed: 1710(l)

10. Suggested change(s) to existing Safety Order (exact new wording): Relocate subsection 1710(l)(5) and replace with a new subsection 1710(l)(5) titled "Installation of metal decking".

1710(l) Temporary Flooring -Skeleton Steel Construction in Multistory Buildings.

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

(5) Installation of metal decking.

(A) Except as provided in § 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.

(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 constructibility.

(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.

11. Larry McCune, Senior Safety Engineer



12. Eric Berg, Acting Principal Safety Engineer

