STANDARDS PRESENTATION
TO
CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD

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

Amend Section 3361 to read:

§ 3361. Definitions.

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Potable Water. Potable water is water which is satisfactory for drinking, culinary and domestic purposes and meets the requirements of the health authority having jurisdiction. (~~Title 24, Part 5, Section 5-117~~ Title 22, California Code of Regulations, Division 4, Chapter 15)

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

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

Amend Section 5042 to read:

§5042. Safe Operating Practices.

(a) Whenever any sling is used, the following practices shall be enforced:

(1) Slings that are damaged or defective shall not be used.

(2) Chain or wire rope slings shall not be shortened with knots or bolts or other makeshift devices.

(3) Slings shall not be kinked, or knotted.

(4) Slings shall not be loaded in excess of their rated capacities <u>as prescribed by the sling manufacturer on the identification markings permanently affixed to the sling</u>.

*****

<u>(15) Employers shall not use slings without affixed and legible identification markings.</u>

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

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

Amend Section 5044 to read:

§5044. Alloy Steel Chain Slings.

(a) Sling Identification.
Alloy steel chain slings shall have ~~permanently affixed durable identification stating size, grade, and rated capacity~~ permanently affixed and legible markings as prescribed by the manufacturer that indicate the recommended safe working load for the type(s) of hitch(es) used, the angle upon which it is based, and the number of legs if more than one.

*****

(f) Safe Operating Temperatures. Alloy steel chain slings shall be permanently removed from service if they are heated above 1000° F. When exposed to service temperatures in excess of 600° F, maximum working load limits permitted in Table S-1 shall be reduced in accordance with the chain or sling manufacturer's recommendations.

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

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

Amend Section 5045 to read:

§5045. Wire Rope Slings.

(a) Sling Use. Wire rope slings shall not be used with loads in excess of the rated capacities shown in Tables S-3 through S-14.

******

(g) Employers must ensure that wire rope and wire-rope slings:
(1) Have permanently affixed and legible identification markings as prescribed by the manufacturer, and that indicate the recommended safe working load for the type(s) of hitch(es) used, the angle upon which it is based, and the number of legs if more than one; and
(2) Not be used without affixed and legible identification markings as required by subsection (g)(1)of this section.

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

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

Amend Section 5047 to read:

§5047. Natural and Synthetic Fiber Rope Slings.

(a) Sling Use.
(1) Fiber rope slings made from conventional three strand construction fiber rope shall not be used with loads in excess of the rated capacities prescribed in Tables S-18 through S-21.

*****

(g) Employers must ensure that natural and synthetic fiber-rope slings:
(1) Have permanently affixed and legible identification markings as prescribed by the manufacturer, and that indicate the recommended safe working load for the type(s) of hitch(es) used, the angle upon which it is based, type of fiber material, and the number of legs if more than one; and
(2) Not be used without affixed and legible identification markings as required by subsection (g)(1) of this section.

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

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

Amend Section 5049 to read:

§5049. Defective Hoist or Sling Hooks and Rings.

(a) Deformed or defective hooks or rings shall not be used.

*****

(g) Shackles. Employers must ensure that shackles:
(1) Have permanently affixed and legible identification markings as prescribed by the manufacturer that indicate the recommended safe working load;
(2) Not be loaded in excess of its recommended safe working load as prescribed on the identification markings by the manufacturer; and
(3) Not be used without affixed and legible identification markings as required by subsection (g) (1) of this section.

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

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

Amend Section 5144 to read:

§5144. Respiratory Protection.

*****

(i) Breathing air quality and use. This subsection requires the employer to provide employees using atmosphere-supplying respirators (supplied-air and SCBA) with breathing gases of high purity.

(1) The employer shall ensure that compressed air, compressed oxygen, liquid air, and liquid oxygen used for respiration accords with the following specifications:

*****

(4) The employer shall ensure that cylinders used to supply breathing air to respirators meet the following requirements:

(A) Cylinders are tested and maintained as prescribed in the Shipping Container Specification Regulations of the Department of Transportation (49 CFR ~~173 and~~ part 1~~7~~8<u>0</u>);

(B) Cylinders of purchased breathing air have a certificate of analysis from the supplier that the breathing air meets the requirements for Grade D breathing air; and

(C) The moisture content in the cylinder does not exceed a dew point of -50 deg. F (-45.6 deg. C) at 1 atmosphere pressure.

<u>(D) The employer shall use only the respirator manufacturer's NIOSH approved breathing-gas containers, marked and maintained in accordance with the Quality Assurance provisions of the NIOSH approval for the SCBA as issued in accordance with the NIOSH respirator-certification standard at 42 CFR part 84.</u>

*****

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

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

Amend Appendix C to Section 5144 to read:

Appendix C to Section 5144
OSHA Respirator Medical Evaluation Questionnaire
(Mandatory)

*****

Part A. Section 2.

*****

2. Have you had any of the following conditions?
a. Seizures ~~(fits)~~: Yes/No

*****

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

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

Amend Appendix A to Section 5191 to read:

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E. Basic Rules and Procedures for Working with Chemicals.

The Chemical Hygiene Plan should require that laboratory workers know and follow its rules and procedures. In addition to the procedures of the sub programs mentioned above, these should include the rules listed below.

1. General Rules
The following should be used for essentially all laboratory work with chemicals:

(a) Accidents and spills - Eye Contact: Promptly flush eyes with water for a prolonged period (15 minutes) and seek medical attention (33, 172).

Ingestion: ~~Encourage the victim to drink large amounts of water (178).~~ This is one route of entry for which treatment depends on the type and amount of chemical involved. Seek medical attention immediately.

*****

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

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

Amend Section 5198 to read:

§5198. Lead.

*****

(j) Medical Surveillance.

*****

(2) Biological Monitoring

*****

(B) Follow-Up Blood Sampling Tests. Whenever the results of a blood lead level test indicate that an employee's blood lead level ~~exceeds~~ is at or above the numerical criterion for medical removal under subsection (k)(1), the employer shall provide a second (follow-up) blood sampling test within two weeks after the employer receives the results of the first blood sampling test.

*****

(D) Employee Notification. Within five working days after the receipt of biological monitoring results, the employer shall notify in writing each employee whose blood lead level ~~exceeds~~ is at or above 40 µg/100 g:

*****

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

(k) Medical Removal Protection

(1) Temporary Removal Due to Elevated Blood Lead Levels.

The employer shall remove an employee from work having an exposure to lead at or above the action level on each occasion that the average of the last three blood sampling tests conducted pursuant to this section (or the average of all blood sampling tests conducted over the previous six (6) months, whichever is longer) indicates that the employee's blood lead level is at or above 50 µg/100 g of whole blood; provided, however, that an employee need not be removed if the last blood sampling test indicates a blood lead level ~~at or~~ below 40 µg/100 g of whole blood.

*****

(3) Return of the Employee to Former Job Status.

(A) The employer shall return an employee to his or her former job status:

1. For an employee removed due to a blood lead level at or above 50 µg/100 g when two consecutive blood sampling tests indicate that the employee's blood lead level is ~~at or~~ below 40 µg/100 g of whole blood; and

* * * * *

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

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

Amend Section 5209 to read:

§5209. Carcinogens.

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(c) Regulated Areas.

*****

(4) Transfer From A Closed System.

*****

(D) Employees engaged in the handling of carcinogens shall be provided with, and be required to wear and use as minimum protection, a half-face, filter type respirator for dusts, mists and fumes, or air purifying canisters or cartridges. Those employees engaged in the handling of beta-propiolactone, bis-chloromethyl ether, methyl chloromethyl ether, N-nitrosodimethylamine, or ethyleneimine shall be provided with, and be required to wear~~, a fullface, supplied air respirator of the continuous flow or pressure-demand type~~ and use any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode, or any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus. A respirator affording higher levels of protection than these respirators may be substituted. .

*****

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

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

Amend Appendix A to Section 8355 to read:

Appendix A to §8355. Compliance Assistance Guidelines for Confined and Enclosed Spaces and Other Dangerous Atmospheres

*****

Section 8354 Definition of "Hot work." There are several instances in which circumstances do not necessitate that grinding, drilling, abrasive blasting be regarded as hot work. Some examples are:

1. Abrasive blasting of the external surface of the vessel (the hull) for paint preparation does not necessitate pumping and cleaning the tanks of a vessel.

*****

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

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

Amend Section 1532.1 to read:

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(j) Medical Surveillance

*****

(2) Biological Monitoring

*****

(B) Follow-up blood sampling tests. Whenever the results of a blood lead level test indicate that an employee's blood lead level ~~exceeds~~ is at or above the numerical criterion for medical removal under subsection (k)(1)(A), the employer shall provide a second (follow-up) blood sampling test within two weeks after the employer receives the results of the first blood sampling test.

*****

(D) Employee notification.

*****

2. ~~t~~The employer shall notify each employee whose blood lead level ~~exceeds~~ is at or above 40µg/dl that the standard requires temporary medical removal with Medical Removal Protection benefits when an employee's blood lead level exceeds the numerical criterion for medical removal under subsection (k)(1)(A).

*****

(k) Medical removal protection

(1) Temporary medical removal and return of an employee.

*****

(C) Return of the employee to former job status. 1. The employer shall return an employee to his or her former job status:

a. For an employee removed due to a blood lead level at or above 50µg/dl when two consecutive blood sampling tests indicate that the employee's blood lead level is ~~at or~~ below 40µg/dl;

*****

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

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

Adopt Title 8 Section 1615.3 to read:

§1615.3. Rigging Equipment for Material Handling.

(a) Employers must ensure that rigging equipment:

(1) Has permanently affixed and legible identification markings as prescribed by the manufacturer that indicate the recommended safe working load;

(2) Not be loaded in excess of its recommended safe working load as prescribed on the identification markings by the manufacturer; and

(3) Not be used without affixed, legible identification markings as required by subsection (a)(1) of this section.

(b) Employers must not use improved plow-steel wire rope and wire-rope slings with loads in excess of the rated capacities (i.e., working load limits) indicated on the sling by permanently affixed and legible identification markings prescribed by the manufacturer.

(c) Wire rope slings shall have permanently affixed, legible identification markings stating size, rated capacity for the type(s) of hitch(es) used and the angle upon which it is based, and the number of legs if more than one.

(d) Employers shall not use shackles with loads in excess of the rated capacities (i.e., working load limits) indicated on the shackle by permanently affixed and legible identification markings prescribed by the manufacturer.

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