

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

Attachment No. 1

Page 1 of 3

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

Amend Section 4650 to read:

§4650. Storage, Handling, and Use of Cylinders.

(t) ~~Acetylene shall never be brought into contact with unalloyed copper, except in a blowpipe or torch.~~ Cylinders. Employers must ensure that the in-plant transfer, handling, storage, and the use of acetylene in cylinders comply with the provisions of CGA G-1-2003 Acetylene, Eleventh Edition which is hereby incorporated by reference.

(u) When flammable gas lines or other parts of equipment are being purged of air or gas, open lights or other sources of ignition shall not be permitted near uncapped openings.

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

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Amend Section 4797 to read:

§4797. Approval and Marking.

(a) ~~Generators shall be approved and shall be plainly marked with "maximum" rate of acetylene in cubic feet per hour for which they are designed; the weight and size of carbide necessary for a single charge; the manufacturer's name and address; and the name or number of the type of generator.~~ Employers must ensure that facilities, equipment, structures, or installations used to generate acetylene or to charge (fill) acetylene cylinders comply with the provisions of NFPA 51A Standard for Acetylene Cylinder Charging Plants 2006 Edition which is hereby incorporated by reference.

(b) When employers can demonstrate that the facilities, equipment, structures, or installations used to generate acetylene or to charge (fill) of acetylene cylinders were constructed or installed prior to February 16, 2006, these employers may comply with the provisions of NFPA 51A Standard for Acetylene Cylinder Charging Plants, 2001 Edition which is hereby incorporated by reference.

(c) The provisions of subsection (b) also apply when the facilities, equipment, structures, or installations were approved for construction or installation prior to February 16, 2006, but constructed and installed on or after that date.

~~(b)~~(d) Auxiliary apparatus such as blowpipes (torches), regulators (pressure-reducing valves), compressors and booster systems, flame arresters and gages shall be approved. (See Section 3206)

~~(e)~~(e) Equipment shall be installed and used only in the service for which it is approved.

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

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Attachment No. 1

Page 3 of 3

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

Amend Section 4823 to read:

§4823. Acetylene Piping.

~~Piping for acetylene or acetylenic compounds shall be steel or wrought iron.~~

(a) Employers must comply with NFPA 51A Standard for Acetylene Cylinder Charging Plants 2006 Edition which is hereby incorporated by reference.

(b) When employers can demonstrate that the facilities, equipment, structures, or installations used to generate acetylene or to charge (fill) acetylene cylinders were installed prior to February 16, 2006, these employers may comply with the provisions of NFPA 51A Standard for Acetylene Cylinder Charging Plants, 2001 Edition which is hereby incorporated by reference.

(c) The provisions of subsection (b) also apply when the facilities, equipment, structures, or installations used to generate acetylene or to charge (fill) acetylene cylinders were approved for construction or installation prior to February 16, 2006, but constructed and installed on or after that date.

NOTE: For additional information on acetylene piping systems, see CGA G-1.2-2006, Acetylene Metering and Piping, Third Edition.

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