

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

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

Amend Section 5620 to read:

§5620. Wharves.

(a) The term wharf shall mean any wharf, pier, bulkhead or other structure over or contiguous to navigable water, the primary function of which is the transfer of flammable or combustible liquid cargo in bulk between shore installations and any tank vessel, ship, barge, lighter boat or other mobile floating craft; and this article shall apply to all such installations except Marine Service Stations as covered in Article 144.

(1) ~~When~~ If flammable or combustible liquids are handled in bulk quantities across ~~general purpose piers or~~ and wharves, piers and wharves shall be designed and constructed in an approved manner. Standard for the Construction and Protection of Piers and Wharves, NFPA No. 87, shall be followed.

NOTE: For information on proper pier and wharf design and construction, consult the National Fire Protection Association's Standard for the "Construction and Fire Protection of Marine Terminals, Piers and Wharves", NFPA 307, 2011 edition and/or your local jurisdiction fire department.

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

Amend Section 6165 to read:

§6165. Standpipe and Hose Systems.

(a) Scope and Application.

(1) Scope. This Section applies to all small hose, Class II, and Class III standpipe systems.

(b) General.

(1) ~~When Where~~ standpipe and hose systems are provided, they shall be designed and installed in an approved manner. ~~meet the design requirements of the National Fire Protection Association's Standard for the Installation of Standpipe and Hose Systems NFPA 141978 and the requirements of this Article.~~

NOTE: For information on proper standpipe and hose systems design and installation, consult the National Fire Protection Association's Standard for the "Installation of Standpipe and Hose Systems", NFPA 14, 2013 edition and/or your local jurisdiction fire department.

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

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PROPOSED STATE STANDARD,
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Amend Section 6180 to read:

§6180. Fixed Extinguishing Systems; Dry Chemical.

(a) Scope and Application.

(1) This Section applies to all fixed extinguishing systems, using dry chemical as the extinguishing agent. These systems shall also comply with Article 160.

(2) When dry chemical extinguishing systems are provided they shall be designed and installed in an approved manner. ~~meet the design requirements of the National Fire Protection Association's "Standard for Dry Chemical Extinguishing Systems" NFPA No. 171980 and the requirements of this section, and Section 6175 where applicable.~~

NOTE: For information on proper dry chemical extinguishing system design and installation, consult the National Fire Protection Association's Standard for "Dry Chemical Extinguishing Systems", NFPA 17, 2013 edition and/or your local jurisdiction fire department.

NOTE: Authority and reference cited: Section 142.3, Labor Code.

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

Amend Section 6181 to read:

§6181. Gaseous Systems.

(a) Scope and Application.

(1) Scope. This Section applies to all fixed extinguishing systems, using a gas as the extinguishing agent. These systems shall also comply with Article 160. In some cases, the gas may be in a liquid state during storage.

(2) Application. The requirements of Subsections (b)(5) and (b)(6) shall apply only to total flooding systems.

(b) General Requirements.

(1) When carbon dioxide extinguishing systems are provided they shall be designed, installed, inspected and maintained in an approved manner. ~~meet the design, inspection, maintenance, and instruction requirements of the National Fire Protection Association's "Standard on Carbon Dioxide Extinguishing Systems" NFPA No. 121977.~~

NOTE: For information on proper carbon dioxide extinguishing system design, installation, inspection and maintenance, consult the National Fire Protection Association's Standard on "Carbon Dioxide Extinguishing Systems", NFPA 12, 2011 edition and/or your local jurisdiction fire department.

NOTE: Authority and reference cited: Section 142.3, Labor Code.

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PROPOSED STATE STANDARD,
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Amend Section 6182 to read:

§6182. Water-Spray Fixed Systems, Foam-Water Sprinkler Systems.

(a) Scope and Application. This Section applies to all water-spray fixed extinguishing systems and to all foam-water sprinkler systems. This Section does not apply to automatic sprinkler systems which are covered in Article 159.

When water-spray fixed systems or foam-water sprinkler systems are provided, they shall be designed and installed in an approved manner. ~~meet the design requirements of the National Fire Protection Association's (NFPA) standards on "Water Spray Fixed Systems for Fire Protection" or "Foam-Water Spray Systems," NFPA Nos. 15-1977 or 16-1974, respectively.~~ The systems shall also comply with Article 160.

NOTE: For information on proper water-spray fixed system or foam-water sprinkler and foam-water spray system design and installation, consult the National Fire Protection Association's Standards on "Water Spray Fixed Systems for Fire Protection" or "Installation of Foam-Water Sprinkler and Foam-Water Spray Systems", NFPA 15, 2012 edition or NFPA 16, 2011 edition, respectively, and/or your local jurisdiction fire department.

NOTE: Authority and reference cited: Section 142.3, Labor Code.

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

Amend Section 6183 to read:

§6183. Fire Detection Systems.

(a) Scope and Application. This Section applies to all automatic fire detection systems.

(b) Installation and Restoration.

(1) All devices and equipment shall be designed, installed, and maintained in an approved manner. ~~accordance with this Section and applicable parts of NFPA 721978 series and shall be approved for the purpose for which they are intended.~~

NOTE: For information on proper automatic fire detection system design, installation and maintenance, consult the National Fire Protection Association's "National Fire Alarm and Signaling Code", NFPA 72, 2013 edition and/or your local jurisdiction fire department.

NOTE: Authority and reference cited: Section 142.3, Labor Code.

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

Amend Section 6184 to read:

§6184. Employee Alarm Systems.

(a) Scope and Application.

(b) General Requirements.

(1) Where local fire alarm signaling systems are required by these orders, they shall be designed and installed in an approved manner. ~~meet the design requirements of the National Fire Protection Association's "Standard for the Installation, Maintenance, and Use of Local Protective Signaling Systems for Watchman, Fire Alarm and Supervisory Service," NFPA No. 72A1975 and the requirements of this Section.~~

NOTE: For information on proper local fire alarm signaling system design and installation, consult the National Fire Protection Association's "National Fire Alarm and Signaling Code", NFPA 72, 2013 edition and/or your local jurisdiction fire department.

(2) The employee alarm system shall provide warning for necessary emergency action as called for in the emergency action plan, or for reaction time for safe escape of employees from the workplace or the immediate work area, or both.

NOTE: Authority and reference cited: Section 142.3, Labor Code.