

**45-DAY EXPRESS TERMS
FOR
PROPOSED BUILDING STANDARDS
OF THE
OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT

REGARDING PROPOSED CHANGES TO
2007 CALIFORNIA PLUMBING CODE
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 5**

LEGEND FOR EXPRESS TERMS

1. Existing California amendments or code language being modified: All such language appears in *italics*, modified language is underlined, repealed language appears in ~~strikeout~~.
2. New California amendments: All such language appears double underlined and in italics.
3. Repealed text: All such language appears in ~~double strikeout~~.
4. Rationale: The justification for the change is shown after each section or series of related changes.
5. Notation: Authority and reference citations are provided at the end of each chapter.

EXPRESS TERMS

The Office of Statewide Health Planning and Development proposes to amend the 2007 edition of the California Plumbing Code (CPC) based on the 2006 edition of the Uniform Plumbing Code by the International Association of Plumbing and Mechanical Officials (IAPMO) by including amendments addressing the mitigation measures identified in the CEQA document regarding the use of PEX. The amended sections are presented below as well as the corresponding modifications to the matrix adoption table.

CHAPTER 6 – WATER SUPPLY AND DISTRIBUTION

604.0 Materials.

604.1 All pipe, tube, and fittings carrying water used in potable water systems intended to supply drinking water shall meet the requirements of NSF 61 as found in Table 14-1. All materials used in the water supply system, except valves and similar devices, shall be of a like material, except where otherwise approved by the Authority Having Jurisdiction

Materials for building water piping and building supply piping shall be in accordance with Table 6-4 and the standards in Table 14-1.

All PEX pipe, tube, and fittings carrying water in potable water systems intended to supply drinking water for human consumption to fixtures and appliances shall also receive NSF certification that any leached concentrations of methyl-tert-butyl ether (MTBE), tertiary butyl alcohol (TBA), or California Proposition 65 chemicals are below the relevant California Maximum Contaminant Level (MCL), secondary MCL, notification, or Safe Harbor level or other applicable Proposition 65 level for those chemicals. The tubing shall be physically marked in a manner that indicates the pipe is NSF certified for human consumption uses in California.

For water service areas that have detectable levels of MTBE or TBA in drinking water or where there is known MTBE or TBA contamination of a source of drinking water, PEX tubing installed to supply water for human consumption uses shall be certified by NSF not to leach detectable levels of MTBE or TBA, and be physically marked as such.

Exceptions:

(1) **[For OSHPD 1, 2, 3 & 4]** Use of CPVC is not permitted for applications under authority of the Office of Statewide Health Planning and Development.

(2) **[For OSHPD 1, 2, 3 & 4]** ~~Use of PEX piping is not permitted for applications under the authority of the Office of Statewide Health Planning and Development.~~ Installation and use of PEX tubing shall be in accordance with manufacturer's installation standards. PEX piping shall not be used for any application that would result in noncompliance with any provisions of the California Building Standards Code.

(3) **[For OSHPD 1, 2, 3 & 4]** Use of PEX-AL-PEX piping is not permitted for applications under the authority of the Office of Statewide Health Planning and Development.

(4) **[AGR, DHS]** Use of PEX piping is not adopted for applications under the authority of the Department of Health Services and the Department of Food and Agriculture.

(5) **[For OSHPD 1, 2, 3 & 4]** When PEX tubing is placed in soil and is used in potable water systems intended to supply drinking water to fixtures or appliances, the tubing or piping shall meet one of the following:

1. The tubing is sleeved with a material approved for potable water use in soil or other material that is impermeable to solvents or petroleum products.

2. A Phase I Environmental Site Assessment is conducted in accordance with ASTM Standard E 1527-05 and concludes that contamination of the soil or groundwater by solvents or petroleum products in areas where PEX tubing would be placed is unlikely.

(6) **[For OSHPD 1, 2, 3 & 4]** PEX tubing shall meet the requirements of NSF P171 CL-R or an equivalent standard when used in continuously recirculating hot water systems where chlorinated water is supplied to the system and the PEX tubing is exposed to the hot water 100% of the time

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604.11 PEX [Not adopted by ... ~~OSHPD 1, 2, 3 & 4]~~

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604.11.1 PEX Fittings. [Not adopted by ... ~~OSHPD 1, 2, 3 & 4]~~

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604.11.2 Water Heater Connections. [Not adopted by ... ~~OSHPD 1, 2, 3 & 4]~~

**CHAPTER 6
WATER SUPPLY AND DISTRIBUTION**

**MATRIX TABLE
CHAPTER 6 – WATER SUPPLY AND DISTRIBUTION**

Proposed Adoption	OSHPD				Comments
	1	2	3	4	
Adopt entire chapter without amendments					
Adopt entire chapter with amendments listed below	X	X	X	X	
Adopt only sections listed below					
604.1 Except #1 CA	X	X	X	X	
604.1 Except #2 CA	X	X	X	X	Delete exception that prohibits use of PEX
604.1 Except #3 CA	X	X	X	X	
604.1 Except #5 CA	X	X	X	X	
604.1 Except #6 CA	X	X	X	X	
604.11	X	X	X	X	
604.11.1 CA	X	X	X	X	
604.11.2 CA	X	X	X	X	

Rationale for Change:

The Office of Statewide Health Planning and Development is changing the language to be consistent with the mitigation measures indicated in the CEQA document allowing the use of PEX tubing with the amendments listed below. Adoption and approval of the amendments will be based on certification of the CEQA Environmental Impact Report. The report can be found on the California Building Standards Commission's website at www.bsc.ca.gov.

Notation:

Authority: Health & Safety Code Sections 1226, 1275, and 129850; Government Code Section 11152.5
References: Health & Safety Code Sections 1226, 1275, 129790, and 129850