

**EXPRESS TERMS
FOR
PROPOSED BUILDING STANDARDS
OF THE
CALIFORNIA BUILDING STANDARDS COMMISSION (CBSC)**

**REGARDING PROPOSED AMENDMENT OF THE
2007 CALIFORNIA PLUMBING CODE (CPC) FOR THE
CALIFORNIA CODE OF REGULATIONS (CCR), 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.
2. New California amendments: All such language appears underlined and in italics.
3. Repealed text: All such language appears in ~~double-strikeout~~.

The California Building Standards Code (California Code of Regulations, Title 24, Part 1, 2, 3, 4, 5, 6, 7, 8, 10 & 12) is published in its entirety every three years and is effective to all buildings that submit an application for a building permit during its effective period. Each triennial edition of the California Building Standards Code becomes effective 180 days after its publication and is effective at the time an application for a building permit is submitted.

These proposed regulations will amend the 2007 edition of the California Plumbing Code (CPC) based on the 2006 edition of the Uniform Plumbing Code (UPC) of the International Association of Plumbing and Mechanical Officials (IAPMO). California law makes the standards adopted by the Commission applicable to all occupancies in California.

EXPRESS TERMS:

The California Building Standards Commission 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 removing the prohibition for PEX ~~and PEX-AL-PEX~~ as presented on the following matrix adoption table.

Amend the following articles for Chapter 6 of the 2007 CPC:

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

Adopting Agency	BSC	COMMENTS
Adopt entire 2006 UPC Chapter without amendments		
Adopt Entire 2006 UPC Chapter as amended (amended sections listed below)	X	
Adopt Only those sections of the 2006 UPC which are listed below and/or Adopt Only those California promulgated sections ^{1, 2, 3} listed below		
604.13 UPC	‡ X	<u>Replace restriction note for BSC applications</u>
604.13.1 UPC	‡ X	<u>Replace restriction note for BSC applications</u>
604.13.2 UPC	‡ X	<u>Replace restriction note for BSC applications</u>
Table 6-4 Footnote 1	X	Removed reference to PEX for BSC applications

This state agency adopts the entire chapter except for those sections indicated by the following symbol: ‡

Rationale for Change:

The California Building Standards Commission is removing the superscript ¹ located in the row following the word PEX. This is consistent with the proposed changes relating to the use of PEX. Additionally, it is consistent with the footnote to Table 6-4, which only refers to the non-adoption of PEX-AL-PEX.

- Note: the stricken text in the footnote is as proposed during the 45-day comment period – no additional text or strikethrough language appears

**CHAPTER 6
WATER SUPPLY AND DISTRIBUTION**

TABLE 6-4¹

Material	Water Distribution Pipe and Fittings		Building Supply Pipe and Fittings
	Hot	Cold	
Asbestos – Cement			X
Brass	X	X	X
Copper	X	X	X
Cast Iron	X	X	X
CPVC	X	X	X
Galvanized Malleable Iron	X	X	X
Galvanized Wrought Iron	X	X	X
Galvanized Steel	X	X	X
PE			X
PE-AL-PE	X	X	X
PEX [‡]	X	X	X
PEX-AL-PEX ¹	X	X	X
PVC			X

¹ ~~**[BSC]** The use of PEX and PEX-AL-PEX in potable water supply systems is not adopted for applications under the authority of the Building Standards Commission and the Division of State Architect and the Department of Housing and Community Development.~~

Rationale for Change:

The Building Standards Commission is withdrawing its proposed change to the following underlined sections in order to eliminate potential confusion. CBSC's original proposal was intended to remove language from the code that was unnecessary. The use of PEX-AL-PEX has not been adopted by CBSC and is clearly stated in Table 6-4. Therefore, all references to this product relating to the use of this product for potable water are not applicable as a result of the non-adoption of PEX-AL-PEX in Table 6-4.

- Note: the previously stricken sections are identified below in underline format

604.13 PEX-AL-PEX and PE-AL-PE. Crosslinked polyethylene-aluminum-crosslinked polyethylene (PEX-AL-PEX) and polyethylene-aluminum-polyethylene (PE-AL-PE) composite pipe shall be marked with the appropriate standard designations listed in Table 14-1 for which the piping has been listed or approved. PEX-AL-PEX and PE-AL-PE piping shall be installed in compliance with the provisions of this section.

[BSC] PEX-AL-PEX is not adopted for use in potable water supply and distribution systems.

604.13.1 PEX-AL-PEX and PE-AL-PE. Fittings used with PEX-AL-PEX and PE-AL-PE piping shall be manufactured to and marked in accordance with the standard for the fittings in Table 14-1.

[BSC] PEX-AL-PEX is not adopted for use in potable water supply and distribution systems.

604.13.2 Water Heater Connections. PEX-AL-PEX and PE-AL-PE tubing shall not be installed within the first eighteen inches (18) (457mm) of piping connected to a water heater.

[BSC] PEX-AL-PEX is not adopted for use in potable water supply and distribution systems.

Notation

Authority: Health and Safety Code §18934.5

References: Health and Safety Code §18934.5