# INITIAL EXPRESS TERMS FOR PROPOSED BUILDING STANDARDS OF THE CALIFORNIA ENERGY COMMISSION REGARDING THE 2022 CALIFORNIA PLUMBING CODE,

# CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART **5**

# (CEC 02-21)

The State agency shall draft the regulations in plain, straightforward language, avoiding technical terms as much as possible and using a coherent and easily readable style. The agency shall draft the regulation in plain English. A notation shall follow the express terms of each regulation listing the specific statutes authorizing the adoption and listing specific statutes being implemented, interpreted, or made specific (Government Code Section 11346.2(a)(1)).

If using assistive technology, please adjust your settings to recognize underline, strikeout, italic and ellipsis.

## LEGEND for EXPRESS TERMS (Based on model codes - Parts 2, 2.5, 3, 4, 5, 9, 10)

* Model Code language appears upright
* Existing California amendments appear in *italic*
* Amended model code or new California amendments appear *underlined & italic*
* Repealed model code language appears ~~upright and in strikeout~~
* Repealed California amendments appear in *~~italic and strikeout~~*
* Ellipsis ( ...) indicate existing text remains unchanged

# INITIAL EXPRESS TERMS

# Item 1 Chapter 4, Section 401

***401.3 Water-conserving fixtures and fittings.***

[…]

***Note 4: Appliance Efficiency Regulations – Water Efficiency.*** *Where California law in Title 20 Section 1601 et seq. applying to water-using appliances sold or offered for sale within the state specifies a lower maximum flow rate than specified in Section 407.2, 408.2, or 411.2, the lower maximum flow rate shall apply.*

**Notation:**

Authority: Sections 25213, 25218, 25218.5, 25402 and 25402.1, Public Resources Code

Reference(s): Sections 25007, 25008, 25218.5, 25310, 25402, 25402.1, 25402.4, 25402.8, and 25943, Public Resources Code

# Item 2 Chapter 5, Section 501

**501.0 General.**

[…]

***501.2. Energy Code Water Heating System Requirements.*** *See California Energy Code Section 110.3 for additional mandatory requirements applicable to all service water heating systems, and 150.0(n) for additional mandatory requirements applicable to residential service water heating systems.*

**Notation:**

Authority: Sections 25213, 25218, 25218.5, 25402 and 25402.1, Public Resources Code

Reference(s): Sections 25007, 25008, 25218.5, 25310, 25402, 25402.1, 25402.4, 25402.8, and 25943, Public Resources Code

# Item 3 Chapter 6, Section 609.12

**609.12 Pipe Insulation.**

[…]

***609.12.3 Energy Code Pipe Insulation Requirements.*** *See California Energy Code Sections 150.0(j)2 and 120.3(c) for general pipe insulation requirements based on fluid temperature and pipe diameter – for domestic hot water piping, the Energy Code requires that piping that penetrates metal framing shall use grommets, plugs, wrapping or other insulating material to assure that no contact is made with the metal framing, requires that insulation shall abut securely against all framing members, and places conditions on when installed wall or attic insulation that surrounds installed piping can be considered to provide pipe insulation meeting associated requirements.*

**Notation:**

Authority: Sections 25213, 25218, 25218.5, 25402 and 25402.1, Public Resources Code

Reference(s): Sections 25007, 25008, 25218.5, 25310, 25402, 25402.1, 25402.4, 25402.8, and 25943, Public Resources Code