

CALIFORNIA BUILDING STANDARDS COMMISSION

August 20, 2019
GREEN BUILDING
WORKSHOP
Agenda Item 5

DRAFT EXPRESS TERMS CALIFORNIA GREEN BUILDING STANDARDS CODE, (CALGreen), PART 11, CALIFORNIA BUILDING STANDARDS CODE, TITLE 24, CALIFORNIA CODE OF REGULATIONS

- **Proposed code language for the 2019 Intervening Code Adoption Cycle**

LEGEND FOR EXPRESS TERMS

1. New California amendments: All such language appears underlined.
2. Repealed text: All such language appears in ~~strikeout~~.

A5.303.3 Pre-rinse spray valves. (Voluntary Measures)

- **Statement of specific purpose, problem, rationale and benefits:**

BSC proposes to amend Chapter A5, Section A5.303.3 to align with Title 20 Appliance Energy Efficiency Standards to avoid conflict and to maintain consistency between the codes.

The California Energy Commission updated Title 20 (2018) Appliance Efficiency Regulations for commercial pre-rinse spray valves to align with Environmental Protection Agency (EPA) water sense requirements. The new adopted Title 20 regulation differs from the current *CALGreen* code language so an amendment is needed to avoid conflict. The new proposal will simply refer to Title 20 regulations.

**SECTION A5.303.3
INDOOR WATER USE**

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A5.303.3 Appliances and fixtures for commercial application. Appliances and fixtures shall meet the following:

1. Clothes washers shall have a maximum Water Factor (WF) that will reduce the use of water by 20 percent below the California Energy Commission' WF standards for commercial clothes washers located in Title 20 of the California Code of Regulations.
2. Dishwashers shall meet the following water use standards:
 - a. Residential – ENERGY STAR
 - i. Standard Dishwashers – 4.25 gallons per cycle.
 - b. Commercial – Shall be in accordance with ENERGY STAR requirements. Refer to Table A5.303.
3. Ice makers shall be air cooled.
4. Food steamers shall be connectionless or boilerless and shall consume no more than 2 gallons of water per pan per hour, including condensate water, for batch type steamers, and no more than 5 gallons of water per pan per hour, including condensate water, for cook to order steamers.
5. [BSC-CG] The use and installation of water softeners that discharge to the community sewer system may be limited or prohibited by local agencies if certain conditions are met.
6. Combination ovens shall use a maximum water of 1.5 gallons per hour per pan, including condensate water.
7. Commercial pre-rinse spray valves; refer to Title 20 Building Energy Efficiency Standards for specific requirements manufactured on or after January 1, 2006 shall function at equal to or less than 1.6 gpm (0.10 L/s) at 60 psi (414 kPa) and ~~Be capable of cleaning 60 plates in an average time of not more than 30 seconds per plate.
Be equipped with an...
Operate at static ...~~
8. Food waste pulping systems shall use no more than 2 gpm of potable water.

Note: potable water excludes on-site grey water use, such as dishwasher discharge water.