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California Energy Commission

Proposed Amendments to Appliance Efficiency Regulations

California Code of Regulations, Title 20, Sections 1601 through 1609

2015 Appliance Efficiency Rulemaking for Kitchen Faucets, Tub Spout Diverters, and Showerheads

Docket Number: 15-AAER-07

California Energy Commission

Edmund G. Brown Jr., Governor

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California Energy Commission

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Proposed State Regulations

Proposed new language appears as underline (example) and proposed deletions appear as strikeout (~~example~~). Existing language appears as plain text. Three dots or "…" represents the substance of the regulations that exists between the proposed language and current language.

Section 1601. Scope.

…

(h) Plumbing fittings, which are showerheads, lavatory faucets, kitchen faucets that are consumer products, metering faucets, replacement aerators, wash fountains, tub spout diverters, public lavatory faucets, and commercial pre-rinse spray valves.

…

Section 1604. Test Methods for Specific Appliances.

…

(h) Plumbing Fittings.

…

(5) A tub spout diverter manufactured before June 1, 2016 shall be tested per 10 C.F.R. section 430.23(s) (Appendix S to Subpart B of part 430).

(6) A tub spout diverter manufactured on or after June 1, 2016 shall be tested in accordance with ASME A112.18.1-2012/CSA B125.1-12, Section 5.3.6 for the rate of leakage conducted prior to life cycle testing and Section 5.6.1.5 for the rate of leakage conducted after life cycling testing.

…

(i) Plumbing Fixtures.

The test methods for plumbing fixtures are:

…

(3) **Waste Extraction Test for Water Closets**. The waste extraction test for water closets is ~~(~~Section 7.10~~)~~ of ASME A112.19.2/CSA B45.1-2013.

…

Note: Authority cited: Sections 25213, 25218(e), 25402(a)-25402(c) and 25960, Public Resources Code; and sections 16, 26 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Sections 25216.5(d), 25402(a)-25402(c) and 25960, Public Resources Code; and section 16, Governor's Exec. Order No. B-29-15 (April 1, 2015).

Section 1605.3. State Standards for Non-federally-Regulated Appliances.

…

(h) Plumbing Fittings.

…

(5) **Showerheads**. The flow rate of showerheads shall be not greater than the applicable values shown in Table H-5.

Table H-5: Standards for Showerheads

Appliance	*Maximum Flow Rate*		
	Manufactured on or after January 1, 1994 and prior to July 1, 2016	**Manufactured on or after July 1, 2016 and prior to July 1, 2018**	**Manufactured on or after July 1, 2018**
Showerheads	2.5 gpm at 80 psi	2.0 gpm at 80 psi[1,2,3]	1.8 gpm at 80 psi[1,2,3]

[1] The maximum flow rate shall be the highest value obtained through testing at a flowing pressure of 80 ± 1 psi and shall not exceed the maximum flow rate in Table H-5.

[2] **Minimum flow rate.** The minimum flow rate, determined through testing at a flowing pressure of 20 ± 1 psi, shall be not ~~be~~ less than 60 percent of the ~~maximum~~ flow rate reported by the manufacturer pursuant to section 1606(a) ~~in Table H-5~~. The minimum flow rate determined through testing at flowing pressures of 45 and 80 ± 1 psi shall be not ~~be~~ less than 75 percent of the ~~maximum~~ flow rate reported by the manufacturer pursuant to section 1606(a) ~~in Table H-5~~.

[3] **Showerheads with multiple nozzles.** The total flow rate of showerheads with multiple nozzles must be less than or equal to the maximum flow rate in Table H-5 when any or all nozzles are in use at the same time.

…

Note: Authority cited: Sections 25213, 25218(e), 25402(a)-25402(c) and 25960, Public Resources Code; and sections 16, 26 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Sections 25216.5(d), 25402(a)-25402(c), 25402.5.4 and 25960, Public Resources Code; and section 16, Governor's Exec. Order No. B-29-15 (April 1, 2015).