

SB 407: Water Conservation Standards / Plumbing Fixture Replacement

California Senate Bill 407 (2009), effective January 1, 2014, requires retrofit of plumbing fixtures to high efficiency models when permitted work is done. Per Civil Code Sections 1101.1 – 1101.8, all non-compliant plumbing fixtures shall be replaced with water-conserving plumbing fixtures on or before January 1, 2017 for single-family residential real property, and on or before January 1, 2019 for any multifamily and commercial real properties. Specific water conservation standards are below:

Fixture Type	Non-Compliant Plumbing Fixture	Water-Conserving Plumbing Fixture (Fixture Complying with Current Code Applicable to New Construction)		
	Water Usage / Flow Rate	Maximum Water Usage/Flow Rate		
		2013 CPC Ch. 4 2013 CALGreen Div. 4.3	2013 CPC Ch. 4 2013 CALGreen Div. 4.3	2013 CPC Ch. 4 2013 CALGreen Div. 5.3
		Single-Family Residential	Multifamily Residential	Commercial
Water Closets (Toilets)	Exceed 1.6 gallons/flush	Single flush toilets: 1.28 gallons/flush Dual flush toilets: 1.28 gallons/flush (effective flush volume of dual flush toilets is defined as the composite, average flush volume of 2 reduced flushes and 1 full flush)		
Urinals	Exceed 1.0 gallon/flush	0.5 gallons/flush		
Showerheads	Exceed 2.5 gallons per minute	2.0 gallons per minute @ 80 psi. Also certified to the performance criteria of U.S. EPA WaterSense Specification for Showerheads. (A hand-held shower is considered a showerhead.) For multiple showerheads serving one shower, the combined flow rate of all showerheads and/or other shower outlets controlled by a single valve shall not exceed 2.0 gallons per minute @ 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time.		
Faucets – Lavatory Faucets	Exceed 2.2 gallons per minute	Maximum 1.5 gallons per minute @ 60 psi; Minimum 0.8 gallons per minute @ 20 psi	Within units: Maximum 1.5 gallons per minute @ 60 psi; minimum 0.8 gallons per minute @ 20 psi In common and public use areas: 0.5 gallons per minute @ 60 psi	0.5 gallons per minute @ 60 psi
Faucets – Kitchen Faucets	Exceed 2.2 gallons per minute	1.8 gallons per minute @ 60 psi. May temporarily increase up to 2.2 gallons per minute @ 60 psi, and must default to maximum 1.8 gallons per minute @ 60 psi. Where faucets meeting the above are unavailable, aerators or other means may be used to achieve reduction	1.8 gallons per minute @ 60 psi. May temporarily increase up to 2.2 gallons per minute @ 60 psi, and must default to maximum 1.8 gallons per minute @ 60 psi. Where faucets meeting the above are unavailable, aerators or other means may be used to achieve reduction	1.8 gallons per minute @ 60 psi