

CCSD RETROFIT REQUIREMENTS UPON EXPANSION OF USE

Per Title 4, Chapter 4 of the CCSD District Code, including revisions effective 08/22/2013

4.16.060 Requirements upon expansion of use. All residential, commercial, public authority, and industrial reconstruction, **remodels or additions that add or change bathroom plumbing fixtures, and/or increase floor area by twenty (20) percent or greater of the existing floor area** shall meet "new construction" **high-efficiency water-use plumbing fixture standards** for the entire facility, including retrofitting of existing plumbing fixtures as identified in Section 4.16.030.

Failure to install high-efficiency water-use plumbing and plumbing fixtures or unauthorized replacement with low-efficient alternatives is a **misdemeanor offense** per California Water Code Section 377.

FIXTURE	RETROFIT REQUIREMENT
<u>TOILETS</u>	1.28 gallons per flush or dual flush of 1.6 gallons per flush.¹
<u>SHOWER HEADS</u>	1.5 gallons per minute flow plus shutoff valve located on or near the showerhead.
<u>PRESSURE REGULATORS</u>	Shall be installed and set at 50 pounds per square inch maximum at all locations served by the District's water distribution system.
<u>FAUCETS:</u>	Kitchen/Bar/Utility sinks shall be equipped with faucet aerators or flow restrictors at the angle stop and be of a design that limits the maximum flow to 1.5 gallons per minute .
	Lavatory (bathroom) sinks shall be equipped with faucet aerators or flow restrictors at the angle stop that limit the maximum flow to 0.5 (one-half) gallons per minute .
	Hose bibs shall be equipped with restrictor and anti-siphon valves (vacuum breakers) that limit the maximum flow to 4.0 gallons per minute.
<u>DISHWASHERS & WASHING MACHINES</u>	Residential/Commercial ² clothes washers shall be ENERGY STAR certified and have an integrated water factor of no greater than 4.0 . Residential dishwashers shall be ENERGY STAR certified and shall use no more than 3.5 gallons per cycle . Commercial dishwashers shall be reviewed by the CCSD prior to installation. Visit www.energystar.gov/products/ to search for appliances that meet the above requirements.

For questions about this handout please contact the CCSD at (805) 927-6223.

¹ Dual flush 1.6 gpf toilets may achieve greater savings than 1.28 gpf single flush toilets. As a voluntary measure the CCSD further suggests considering .80 gpf Niagara Stealth Toilets.

² See CCSD Code for Commercial applications using machines with greater than 20 pounds of laundry capacity per load.