

Building Materials: Appliances, Minor Equipment, Lamps and Water Fixtures

Appliances and Minor Equipment

When constructing new buildings, PCC specifies appliances that are [Energy Star](#) compliant. Energy star ratings are given for both residential and commercial grade equipment and cover items like refrigerators, ovens, air conditioning units, televisions, etc. The Facilities Management Services Grounds & Maintenance Division gives preference to electric and low-carbon equipment over more energy and environmental intensive options where practicable.

See also our guidelines on [Personal Lighting](#), [Appliances and Electronics](#).

Lamps

Facilities Management Services gives preferences for energy efficient and mercury free lighting including indoor and outdoor fixtures as well as portable and hard-wired fixtures. Low-emitting diode lighting (LED) should be the first option at retrofitting and purchasing new units for replacement. For assistance with task lighting, please contact [FMS Planning, Design and Construction](#).

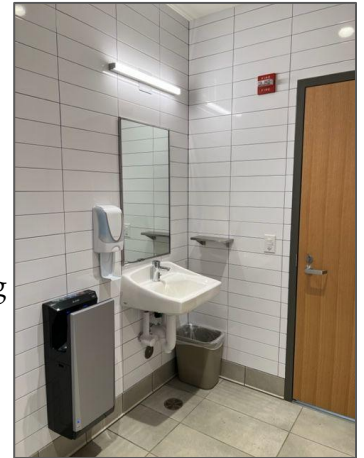
When mercury-containing lamps are required, Facilities Management Services purchases lamps containing less than 70 picograms of mercury per lumen-hour unless nothing meeting this standard is available. Removal and retrofitting to reduce high-mercury lamps; transition to newer technology Light-emitting diode lighting (LED) shall be used practiced for all renovations. Management of any mercury containing lamps should involve [EPCC's Environmental Health & Safety Department](#).

Use LED lighting fixtures that have independently replaceable LED lamp modules. Also, lighting in the entries should use lamp technology that is compatible with daylighting controls.

Refer to [PCC Design & Construction Standards](#) (Division 26 - Lighting) within PCC's for further information about sustainability requirements.

Water Fixtures

All irrigation controllers and sprinkler heads are [US Environmental Protection Agency \(USEPA\) WaterSense](#) labeled products. When purchasing plumbing fixtures—including toilets, urinals, showerheads and faucets. Facilities



Management Services employees give preference to [US EPA WaterSense](#) labeled products. Provide commercial grade low flow, WaterSense Labeled fixtures as described in the [PCC Design & Construction Standards](#). The maintenance team at FMS has installed low flow aerators on our bathroom and break area faucets. FMS has also installed low flush parts in toilets and urinals, which reduces the number of gallons per flush. There are either metering faucets (which are the spring loaded handles that limit the water being used) or sensor operated faucets to help cut down on wasted water. Many toilets have dual flush handles. In addition, the college has installed low flow parts in urinals and toilets. Refer to [PCC Design & Construction Standards](#) (Division 22 - Plumbing) within PCC's for further information about sustainability requirements.

Resources

- [PCC Design & Construction Standards](#)
- [City of San Francisco LED Bulb Standards](#)