

GENERAL:

1. The objective of this guideline is to provide minimum standards for PLUMBING FIXTURES that will a durable, functional maintainable system which reduces failures over the life of the facility.
2. Maximum consideration shall be given to water and energy conservation but, should also consider life cycle cost.
3. The health and safety of building occupants shall be the highest priority

DESIGN GUIDELINES:

1. All fixtures, flush valves, faucets shall be water conserving types.
 2. Water free urinals are NOT permitted.
 3. Fixtures shall be standard commercially available units. Replacement parts and/or fixtures shall be supported by a local vendor. Delany is not an acceptable manufacturer.
1. Water Closets
 - 1.1. Vitreous china, wall mounted, (action), 1.6 gallon flush, white with white seats.
 - 1.1.1. Kohler or American Standard
 - 1.2. Sensor operated, battery powered flush valves, 1" connections
 - 1.2.1. Zurn or Sloan
 2. Urinals
 - 2.1. Vitreous china, wall mounted, (action), 0.25 gallon flush, white.
 - 2.1.1. Kohler or American Standard
 - 2.2. Sensor operated, battery powered flush valves, ¾" connections
 - 2.2.1. Zurn or Sloan
 3. Lavatories
 - 3.1. AS selected by the architect and engineer.
 - 3.2. Sensor operated, battery powered faucets connections, serviceable above the sink.
 - 3.2.1. Zurn or Sloan
 - 3.3. Polypropylene faucets are not allowed for lab pure water, DI or RO faucets.
 4. Service sinks
 - 4.1. Custodial service sinks shall be a floor sink style with a maximum 12" lift.
 - 4.2. Trap size shall be a minimum of 3" diameter.
 - 4.3. Provide stainless steel protective band on 2 sides.

REFERENCES