

## SECTION 403 - MINIMUM PLUMBING FACILITIES

**403.1 Minimum number of fixtures.** Plumbing fixtures shall be provided for the type of occupancy and in the minimum number shown in Table 403.1. Types of occupancies not shown in Table 403.1 shall be considered individually by the code official. The number of occupants shall be determined by the International Building Code. Occupancy classification shall be determined in accordance with the International Building Code.

**Q:** Please explain the rounding of numbers in the fixture count. For example, if the calculation for the number of water closets results in 3.27, would this number be rounded up or down?

**A:** All fixture numbers are rounded up. Footnote "a" of Table 403.1 states that a minimum of one fixture is required for the number of occupants indicated in the table. For example, if the occupant load for an A-2 restaurant were 480 (240 females and 240 males), the calculation for number of water closets would result in 3.2 (240 / 75) for each sex. Because three water closets are satisfactory for a maximum of 225 occupants (3 x 75), four water closets are required for 240 occupants. The code official has the authority to make a reasonable determination based on circumstances unique to a given project. It would not be unreasonable to round down for a small fraction if the number is based on an occupant load that may not have that same level of precision. [4-2]