calculations in accordance with sections 11.1 through 11.3.2 (Calculation and Report) of the ASTM F2324-03, "Standard Test Method for Prerinse Spray Valves." (Incorporated by reference, see §431.263) Perform only the procedures pertinent to the measurement of flow rate. Record measurements at the resolution of the test instrumentation. Round off calculations to the same number of significant digits as the previous step. Round the final water consumption value to one decimal place as follows:

(1) A fractional number at or above the midpoint between two consecutive decimal places shall be rounded up to the higher of the two decimal places; or
(2) A fractional number below the midpoint between two consecutive decimal places shall be rounded down to the lower of the two decimal places.

[71 FR 71374, Dec. 8, 2006]

§ 431.265 Units to be tested.

For each basic model of commercial prerinse spray valves selected for testing, a sample of sufficient size shall be selected at random and tested to ensure that—

(a) Any represented value of estimated water consumption or other measure of water consumption of a basic model for which consumers would favor lower values shall be no less than the higher of:
   (1) The mean of the sample, or
   (2) The upper 95 percent confidence limit of the true mean divided by 1.10; and
(b) Any represented value of the water efficiency or other measure of water consumption of a basic model for which consumers would favor higher values shall be no greater than the lower of:
   (1) The mean of the sample, or
   (2) The lower 95 percent confidence limit of the true mean divided by 0.90.

(Components of similar design may be substituted without requiring additional testing if the represented measures of energy continue to satisfy the applicable sampling provision.)

[75 FR 669, Jan. 5, 2010]