

AVISTA CORPORATION
dba Avista Utilities

WASHINGTON
RULES AND REGULATIONS - continued

20. METER TEST PROCEDURES: (continued)

(K)

(ii) Differential testing confirms a minimum of 3 points for accuracy.

E. Installed meters testing program.

(1) General: Meters shall be periodically inspected and tested against metering tolerance prescribed in WAC 480-90-338. Meters found to be outside the tolerances of WAC 480-90-338 shall be immediately adjusted or replaced. If a meter cannot be adjusted, and no replacement meter is immediately available, the inaccurate meter shall be removed and a replacement meter shall be installed as soon as possible. Service will be maintained to the customer.

(2) The methodology for sample sizes and analysis for the installed meter testing program is derived from ANSI/ASQ Z1.9-2003 (hereafter may be referred to as the Standard).

(M)

(a) Meter test results shall be analyzed bi-annually to confirm data points are symmetrically distributed about a mean value whose probability density function is calculated to have a correlation coefficient to the normal distribution of at least .70.

(3) Domestic meters, 1000 CFH and smaller: A random sample of domestic meters shall be selected, tested against tolerances prescribed by WAC 480-90-338, and analysis conducted using the Standard. Random sampling program shall begin during the 10th year after meter installation.

(a) A meter population is defined as meters of the same model, size, and manufactured in the same year.

(N)
(D)

(i) Meter population is synonymous with the term lot as used in the Standard.

(ii) Major design changes to a meter model within a single year shall be a new population for sampling.

(b) Random sample, as selected by random number procedures, of meters to be tested within a population will be made at the beginning of a calendar year. The random sample may be modified as described below.

(K) Material has been transferred to Sheet 170-I.4. (M) Material has been transferred from Sheet 170-I.6.

(M)

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