**Section 600.310 Test and Allowable Error**

a) The accuracy of a water meter shall be tested by comparing the actual amount of water passing through it with the amount indicated on the dial.

b) The test shall be conducted in accordance with the standards for testing Cold Water Meters as prescribed by the American Water Works Association (AWWA C705-60) with quantities and flows for positive displacement meters as follows:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TEST FLOWS (G.P.M.) & QUANTITY | | | | | | | | | |
|  | MINIMUM | | | INTERMEDIATE | | | MAXIMUM | | |
| Size of | Flow | QUANTITY | | FLOW | QUANTITY | | FLOW | QUANTITY | |
| meter | G.P.M. | Gal. | Cu.Ft. | G.P.M. | Gal. | Cu.Ft. | G.P.M. | Gal. | Cu.Ft. |
| ⅝" | ¼ | 10 | 1 | 2 | 10 | 1 | 15 | 100 | 10 |
| ¾" | ½ | 10 | 1 | 3 | 10 | 1 | 25 | 100 | 10 |
| 1" | ¾ | 10 | 1 | 4 | 10 | 1 | 40 | 100 | 10 |
| 1½" | 1½ | 100 | 10 | 8 | 100 | 10 | 80 | 1000 | 100 |
| 2" | 2 | 100 | 10 | 15 | 100 | 10 | 120 | 1000 | 100 |
| 3" | 4 | 100 | 10 | 20 | 100 | 10 | 250 | 1000 | 100 |
| 4" | 7 | 100 | 10 | 40 | 100 | 10 | 350 | 1000 | 100 |
| 6" | 12 | 100 | 10 | 60 | 100 | 10 | 700 | 1000 | 100 |

No meters shall be placed in service when the accuracy is different than follows:

|  |  |  |
| --- | --- | --- |
|  | NEW METERS | REPAIRED METERS |
| MINIMUM RANGE | 95-101.5% | 90-101.5% |
| INTERMEDIATE RANGE | 98.5-101.5% | 98.5-101.5% |
| MAXIMUM RANGE | 98.5-101.5% | 98.5-101.5% |

c) The utility may make such additional tests as it may deem necessary but in a manner that will not unreasonably inconvenience the customer.