

Public Service Commission of Montana



Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4th Street
Bismarck, ND 58501

Natural Gas Service

Volume No. 6
Original Sheet No. 50

GAS METER TESTING PROGRAM Rate 101

Page 1 of 2

The policy of the Company for testing meters pursuant to ARM 38.5.2513 is as follows:

1. This policy shall not apply to meters of 750 cubic feet per hour or greater capacity. Such meters shall be tested and adjusted or repaired, if necessary, at a periodic interval of at least once in eight years.
2. New meters received from a manufacturer shall be subjected to testing on a random sample basis of five percent of the total received, but never less than five meters, and must be found satisfactory before the shipment is released for use. If unsatisfactory, all meters in the shipment shall be tested, and repaired if necessary, or the shipment shall be returned to the manufacturer.
3. Meters removed from service because of damage, meters that do not pass gas or that pass gas but do not register, and meters that are otherwise suspect as to accuracy, shall be tested and adjusted before reinstallation.
4. All other active meters will be assigned to lots on the basis of years since last test year installation and type of meter construction. A random sample of meters from each lot will be tested each year. The minimum number of samples taken from each lot will be as specified by Military Standard No. 414 for inspection by variables, inspection level IV with specification limits of +2.0 percent.
5. Lot Acceptability will be determined by the standard deviation method based on single sample, double specification limit, variability unknown, for an acceptable quality level of 15 percent as follows:
 - a. A meter lot for which the sample is satisfactory will remain in service.

Issued: March 17, 2015

By: Tamie A. Aberle
Director - Regulatory Affairs

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Page 2 of 2

- b. A meter lot for which the sample fails may remain in service if it passed the previous year and if no more than 10 percent of the sample registers over 102 percent.
- c. A meter lot for which the sample fails will be removed if the lot failed the previous year or if more than 10 percent of the sample registers over 102 percent. Removal of a failed lot of meters will be removed from service for testing and repair within one year.

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