



SECTION NO. 15
GAS METER TESTING AND MAINTENANCE PLAN

A. General Plan

The Company will annually sample groups of meters to determine the continuing accuracy and performance of the group. Certain safe and proper standards are defined, and meters will remain in service as long as they meet these standards.

This program will allow the Company to obtain all the useful service available from a meter until the meter no longer meets prescribed standards. At that time, then it is proper for the meter to be removed, tested, repaired, or retired.

This procedure is for the purpose of testing and controlling the performance of small gas meters that are two hundred fifty (250) CFH or less. The program will identify and remove meters that do not meet the standards of performance described in Subsection D below, and identify and retain in service meters that do meet or exceed the stated standards. Meters are classified into groups, samples of each group are tested annually, and groups are removed from service when they do not meet performance standards.

B. Meter Groups

1. Meters are segregated into groups on the following basis:

- a. Year last repaired or purchased;
- b. Manufacturer; and
- c. Internal mechanism type (diaphragm, ultrasonic or other), when available.

2. When a new group being established is found to contain less than one thousand (1,000) meters, this group may be combined with another group having meters of the same or similar operating characteristics. An existing group may be divided into two or more groups, if experience characteristics of part of the group are sufficiently different from the remainder of the group to warrant separate sampling of the parts.

C. Sampling

A representative random sample is selected from each group of meters. The samples are used in determining the performance of each group of meters each year. If the initial order for meter removals does not produce an adequate sample, additional meters are drawn on a random basis. These meters are combined with the original sample for determining acceptability of the group. Samples are taken annually from all groups that have been in service for ten (10) years or longer.



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D. Performance Standard

The criteria for acceptability for a group to remain in service are:

1. No more than ten percent (10%) of the meters tested in the group are more than three percent (3%) fast.
2. At least eighty percent (80%) of the meters tested in the group are within +/- three percent (3%) of zero error. This results in a condition wherein a minimum of ninety percent (90%) of the meters remaining in service are either within +/- three percent (3%) or are more than three percent (3%) slow and in the Customer's favor.

E. Records

The test results for each group are kept in appropriate records that indicate the number of meters in the sample versus the test results, expressed as a percent.

F. Removal of Groups

1. A test result falling on or above the prescribed standards is satisfactory and the groups will remain in service.
2. A test falling below the prescribed standards is not satisfactory and the group will be removed from service.
3. The Company, for its convenience, may remove a group (or part of a group) even though the group meets the requirements for remaining in service.

G. Annual Reports

A report of the meter performance control program will be filed annually with the ACC, which will contain the following:

1. A description of each group, showing its identification, size and composition;
2. A list of the total number of meters tested, at Company initiative or upon Customer request;
3. A detailed list of the performance results of each group, showing the number of meters in the group, the number of meters removed during the year, the number of meters not tested (dead, non-registering, damaged, etc.), the number of meters tested, the number of meters slow - minus three percent (-3%), the number of meters accurate, the percent of meters accurate, the number of meters fast - plus three percent (+3%), and the percent of meters fast;
4. A summary of the overall results.