



- (2) When a weight standard is used the scales shall be tested and certified at least once every year by the New Hampshire or local sealer of weights and measures, and a record maintained of the results of such test;
- (3) Basic standards used for meter tests shall be of sufficient capacity to insure accuracy of the test;
- (4) Standard meters may be used for the purpose of testing meters in place provided they have been tested and calibrated within the limits of accuracy required by Puc 600, either by the utility with its volumetric or weight standard equipment or by an approved laboratory, within the previous 60 days; and
- (5) The utility shall keep a record of tests referred to in (4) above for a period of not less than 5 months.

Source. (See Revision Note at Chapter heading Puc 600) #6475, eff 3-25-97; ss by #8311, eff 3-25-05; ss by #10407, eff 9-10-13

Puc 605.07 Underground Utility Damage Prevention Program. All utilities shall comply with Puc 800, the underground utility damage prevention program rules.

Source. (See Revision Note at Chapter heading Puc 600) #6475, eff 3-25-97; ss by #8311, eff 3-25-05; ss by #10407, eff 9-10-13

PART Puc 606 EQUIPMENT AND FACILITIES

Puc 606.01 Standard Practice.

(a) Each utility shall construct, install, operate and maintain its plant, structures, equipment and mains:

- (1) In accordance with applicable American Water Works Association Standards copyrighted by the American Water Works Association, pursuant to the applicable standards described in N.H Code Admin. Rule Env-Ws 307.01, Standards of the American Water Works Association; and
- (2) In such manner, insofar as practical:
  - a. To best accommodate the public; and
  - b. To prevent interference with service furnished by other underground facilities, including gas, electric, telephone, steam, sewer and other underground and above ground facilities.

Source. (See Revision Note at Chapter heading Puc 600) #6475, eff 3-25-97; ss by #8311, eff 3-25-05; ss by #10407, eff 9-10-13

Puc 606.02 Distribution System and Mains.

(a) Water mains shall be installed below the normal frost line or otherwise protected to prevent freezing. Mains used exclusively to provide temporary or seasonal service shall be excluded from this requirement.

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(b) Insofar as practicable, the utility shall design its distribution system so as to avoid dead ends on its mains.

(c) Where dead ends are unavoidable the utility shall provide hydrants or valves for the purpose of flushing the mains.

(d) Where dead ends are unavoidable the utility shall adhere to the following standards:

(1) Mains with dead ends shall be flushed as often as necessary to maintain the proper quality of the water;

(2) Records shall be kept of all flushings of mains, showing the date, place and duration; and

(3) Flushing records shall be used as a guide in determining the necessary frequency of flushing of the same mains thereafter.

(e) Valves shall be provided at intervals in the mains sufficient to allow the utility to facilitate repairs and minimize interruptions of service.

(f) Whenever feasible, the distribution system shall be laid out in a grid segmented so that in case of breaks or repairs the number of customers affected can be minimized.

Source. (See Revision Note at Chapter heading Puc 600) #6475, eff 3-25-97; ss by #8311, eff 3-25-05; ss by #10407, eff 9-10-13

Puc 606.03 Fire Protection and Hydrants.

(a) A utility and an applicant may negotiate regarding fire hydrants, public and private fire protection facilities and connecting mains, as to the following:

(1) Specifications;

(2) Location;

(3) Installation;

(4) Responsibility for maintenance; and

(5) Ownership.

(b) Fire hydrants and public and private protection facilities shall be installed in conformity to the requirements of the utility.

(c) Hydrants maintained by the utility shall be inspected and flushed at least once each year, and shall be checked for freezing as often as necessary to insure that they are functioning properly.

(d) A record of each hydrant shall be maintained showing the size, type, location, date of inspection and flushing and the results thereof.

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(e) Reports of periodic inspection of flushing of hydrants shall be reported to the commission on Form E-17, described at Puc 609.10 once a year.

Source. (See Revision Note at Chapter heading Puc 600) #6475, eff 3-25-97; ss by #8311, eff 3-25-05; ss by #10407, eff 9-10-13

Puc 606.04 Valves and Service Connections.

(a) Each utility shall locate, operate and inspect each valve on its distribution system at least once every 5 years.

(b) A utility annually shall locate, operate and inspect valves which are:

- (1) Larger than 12 inches in diameter;
- (2) Located on major transmission lines; or
- (3) Otherwise critical to system operation.

(c) A utility shall keep a record of each valve showing the size, type, location, date of inspection and the results of each inspection.

(d) Each utility shall require that the size, design, material and installation of the service pipe shall conform to such requirements of the utility as may be incorporated in its rules and regulations.

(e) The utility shall require that the minimum size of the service pipe shall not be less than 3/4 inch nominal size except under unusual circumstances, such as might exist in a residence with very low demand located very close to the main.

(f) All service pipes shall be laid at a depth sufficient to prevent freezing, except where services are not intended for use during freezing weather and are actually drained during such periods.

(g) Curb stops shall be placed at the customer's property line except in unusual situations such as service to an apartment or to a condominium.

(h) Each utility shall require that the customer shall not install any tree or branch connection in the service pipe.

(i) A utility may require the customer to leave the trench open and customer service pipe uncovered until it is inspected by the utility and shown to be free from any irregularity or defect.

(j) Each utility shall require the following in relation to individual service connections:

- (1) Each service connection shall be provided with an individual shut-off;
- (2) No tandem services shall be permitted; and
- (3) Where such tandem services exist, the shut-offs necessary to comply with this requirement shall be installed.

Source. (See Revision Note at Chapter heading Puc 600) #6475, eff 3-25-97; ss by #8311, eff 3-25-05; ss by #10407, eff 9-10-13