

## Chapter H 63

## RESTRICTED AND TENTATIVE APPROVALS

## H 63.05 Plastic pipe

**H 63.01 History:** 1-2-56; am. Register, October, 1961, No. 70, eff. 11-1-61; r. Register, October, 1971, No. 190, eff. 11-1-71.

**H 63.02 History:** 1-2-56; r. Register, October, 1961, No. 70, eff. 11-1-61.

**H 63.03 History:** 1-2-56; r. Register, October, 1971, No. 190, eff. 11-1-71.

**H 63.04 History:** 1-2-56; r. Register, October, 1971, No. 190, eff. 11-1-71.

**H 63.05 Plastic pipe.** (1) **USE LIMITATIONS.** Plastic pipe conforming to specifications set forth in subsection (2) may be installed in lieu of materials specified in chapter H 62 for the following uses:

(a) Underground pressure piping in potable cold water system serving private residences and farm buildings except those located within the incorporated limits of any city or village having either a public water or sewer system and within areas platted under ch. 236, Wis. Stats., adjacent to such city or village and within the limits of any metropolitan sewerage district.

(b) For other uses as may be approved by the board when such installations will provide additional experience in the use of plastic pipe.

(2) **SPECIFICATIONS.** Plastic pipe and fittings shall conform to the following:

(a) All pieces shall be marked with the seal of approval of the National Sanitation Foundation, the pressure rating and the manufacturer's name or trademark.

(b) The minimum allowable working pressure at a temperature of 73.4° Fahrenheit shall be based on the maximum pressure in the water system and be as follows:

Maximum Water System Pressure Pounds Per Square Inch	Allowable Working Pressure Pounds Per Square Inch
Less than 50 -----	75
50 to 75 -----	100
75 to 100 -----	125

(3) **INSTALLATION.** The installation of plastic pipe shall conform to the following requirements:

(a) For the use permitted under subsection (1) (a) the piping shall terminate outside the walls of any building served and shall not be installed in any tunnel or pipe chase that is heated or contains hot water or steam piping.

(b) Joints shall be assembled in such manner as to assure permanence. Any cement or solvent used shall be free of ingredients that are toxic or will produce odors in the water. Any metal clamps used shall be corrosion resistant and homogeneous throughout.

(c) The pipe trench shall have a smooth compacted bottom. Where rock or stone is encountered, the trench shall be backfilled with sand or stone-free soil for a depth of 2 to 3 inches.

(d) With thermo-plastic pipe an extra one inch of length shall be provided for every 8 feet of measured length of installation. Before backfilling, water at well temperature shall be discharged through the pipe until it reaches the approximate temperature of the water.

(e) The first 6 inches of backfill material shall be free of rocks or clods and shall be carefully placed by hand.

(f) Pipe size and other installation requirements shall be in accord with provisions of chapter H 62.

(4) **REPORTS.** Any failures in plastic pipe installations shall be reported to the board by the owner or person making the repairs to the system. If the failure occurs in a section of pipe or in a fitting, the part failing should be submitted to the board for examination. External causes contributing to a failure should be thoroughly explained.

**History:** Cr Register, February, 1957, No. 14, eff. 3-1-57.