

**4714.0301 SECTION 301.0 MATERIALS - STANDARDS AND ALTERNATIVES.**

Subpart 1. **Section 301.1.** UPC section 301.1 is amended to read as follows:

**301.1 Minimum Standards.** Pipe, pipe fittings, traps, fixtures, material, and devices used in a plumbing system shall:

- (1) be listed or labeled (third-party certified) by a listing agency (accredited conformity assessment body);
- (2) comply with the approved applicable recognized standards referenced in this code; and
- (3) be free from defects.

Plastic pipe and the fittings used for plastic pipe shall meet the requirements of NSF 14. Unless otherwise provided for in this code, materials, fixtures, or devices used or entering into the construction of plumbing systems, or parts thereof, shall be submitted to the Authority Having Jurisdiction for approval.

**301.1.1 Marking.** Each length of pipe and each pipe fitting, trap, fixture, material, and device used in a plumbing system shall have cast, stamped, or indelibly marked on it the manufacturer's mark or name, which shall readily identify the manufacturer to the end user of the product. Where required by the approved standard that applies, the product shall be marked with the weight and the quality of the product. Materials and devices used or entering into the construction of plumbing and drainage systems, or parts thereof, shall be marked and identified in a manner satisfactory to the Authority Having Jurisdiction. The marking shall be done by the manufacturer. Field markings shall not be acceptable.

**301.1.2 Standards.** Standards listed or referred to in this chapter or other chapters cover materials that shall conform to the requirements of this code, where used in accordance with the limitations imposed in this or other chapters thereof and their listing. Where a standard covers materials of various grades, weights, quality, or configurations, the portion of the listed standard that is applicable shall be used. Design and materials for special conditions or materials not provided for herein shall be permitted to be used only by special permission of the Authority Having Jurisdiction after the Authority Having Jurisdiction has been satisfied as to their adequacy. A list of accepted plumbing material standards is referenced in Table 1401.1.

Subp. 2. **Section 301.2.** UPC section 301.2 is amended to read as follows:

**301.2 Alternate Materials and Methods of Construction Equivalency.** Nothing in this code is intended to prevent the use of systems, methods, or devices of equivalent or superior quality, strength, fire resistance, effectiveness, durability, and safety over those prescribed by this code. Prior to installation, technical documentation shall be submitted to the Authority Having Jurisdiction to demonstrate equivalency. Unless prohibited by this

code or by law, the Authority Having Jurisdiction shall have the authority to approve or disapprove the system, method, or device for the intended purpose.

However, the exercise of this discretionary approval by the Authority Having Jurisdiction shall have no effect beyond the jurisdictional boundaries of the Authority Having Jurisdiction. An alternate material or method of construction so approved shall not be considered as in accordance with the requirements, intent, or both of this Code for a purpose other than that granted by the Authority Having Jurisdiction where the submitted data does not prove equivalency.

UPC subsections 301.2.1, 301.2.1.1, and 301.2.1.2 are preserved without amendment.

Subp. 3. **Section 301.4.6.** UPC section 301.4.6 is amended to read as follows:

**301.4.6 Inspection and Testing.** The alternative engineered design shall be tested and inspected in accordance with the submitted testing and inspection plan and the requirements of this code. Prior to the final plumbing inspection, the registered professional engineer shall provide written certification to the administrative authority that the system has been visually inspected by the registered professional engineer or the registered professional engineer's designee, and the installation has been properly implemented according to the certified plans, calculations, and specifications.

**Statutory Authority:** *MS s 326B.43; 326B.435*

**History:** *40 SR 71*

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