

**4714.0710 DRAINAGE OF FIXTURES LOCATED BELOW THE NEXT UPSTREAM MANHOLE OR BELOW THE MAIN SEWER LEVEL.**

Subpart 1. **Section 710.12.** UPC section 710.12 is amended to read as follows:

**710.12 Grinder Pump Ejector.** Grinder pumps shall be permitted to be used. The sump basin storage volume and the pump capacity shall be sized adequately to prevent overloading and shall at a minimum accommodate water demand peak flow from all fixtures.

**710.12.1 Discharge Piping.** The discharge piping shall be sized in accordance with the manufacturer's installation instructions and shall be not less than 1 1/4 inches (32 mm) in diameter. A check valve and fullway-type shutoff valve shall be located within the discharge line.

Subp. 2. **Section 710.13.** UPC section 710.13 is amended to read as follows:

**710.13 Macerating Toilet Systems.** Listed macerating toilet systems shall be permitted as an alternate to a sewage pump system only in one- or two-family dwellings when gravity flow is not possible. Not more than one bathroom group is permitted to discharge into a macerating toilet system. One bathroom group consists of: a toilet; a lavatory; and a shower or bathtub. Components of macerating toilet systems shall be accessible.

**710.13.1 Sumps.** The sump shall be watertight and gastight.

**710.13.2 Discharge Piping.** The discharge piping shall be sized in accordance with the manufacturer's instructions and shall be not less than 3/4-inch (20 mm) in diameter. The developed length of the discharge piping shall not exceed the manufacturer's instructions. A check valve and fullway-type shutoff valve shall be located within the discharge line or internally within the device.

**710.13.3 Venting.** The plumbing fixtures that discharge into the macerating device shall be vented in accordance with this code. The sump shall be vented in accordance with the manufacturer's instructions and the vent shall be permitted to connect to the fixture venting.

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

**History:** *40 SR 71*

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