

**4725.5450 VENTING WATER-SUPPLY WELLS.**

Subpart 1. **Venting exceptions.** A water-supply well must be vented unless the well:

- A. is a flowing well;
- B. casing is used as a suction pipe;
- C. has a packer jet assembly;
- D. is used as a remedial well; or
- E. is constructed with a watertight seal in lieu of a casing extension as specified in part 4725.4350, subpart 2.

Subp. 2. **Vent construction.** A well vent must:

- A. be constructed of materials complying with parts 4725.2250 to 4725.2650, or 4725.5150, subpart 1;
- B. have watertight joints and terminate at least five feet above the regional flood level unless provided with a watertight seal as specified in part 4725.4350, subpart 2;
- C. terminate a minimum of 12 inches above the established ground surface or the floor of a building as specified in part 4725.2175, except that a vent for a community public water-supply well must terminate a minimum of 18 inches above the established ground surface and the floor of a building as specified in part 4725.2175;
- D. be screened with a noncorrosive mesh screen having openings of 1/16 inch or less and pointed downward; and
- E. be connected to the casing according to part 4725.4850.

Subp. 3. **Screened vents.** A screened vent incorporated into the underside of a well cap or cover may be used.

Subp. 4. **Gas.** Any toxic or flammable gas must be vented from the well to the outside atmosphere.

**Statutory Authority:** *MS s 103I.101; 103I.111; 103I.205; 103I.221; 103I.301; 103I.401; 103I.451; 103I.501; 103I.525; 103I.531; 103I.535; 103I.541; 103I.621; 144.05; 144.12; 144.383; 157.04; 157.08; 157.09; 157.13*

**History:** *17 SR 2773; 33 SR 211*

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