

4725.5150 WATER-SUPPLY WELL SUCTION LINE.

Subpart 1. **Construction.** As specified in UPC section 604.1 as incorporated by part 4714.0050, a suction line for a water-supply well must be constructed of:

- A. copper;
- B. galvanized iron or steel;
- C. cast iron; or
- D. plastic pipe.

For well water irrigation systems, aluminum pipe may also be used.

Subp. 2. **Extensions.** A suction line extending outside the well casing must be protected by being:

- A. fully exposed in a building as specified in part 4725.2175;
- B. fully exposed above the established ground surface; or
- C. installed within an outer, concentric pipe with the annular space between the pipes filled with water from the system and maintained at system pressure.

Subp. 3. **Exception.** An unprotected suction line may be installed below the established ground surface for an irrigation well if the well is:

- A. located in an agricultural field;
- B. installed in an unconfined aquifer in unconsolidated material; and
- C. used for a manifold collection system under negative pressure.

Statutory Authority: *MSs 103I.101; 103I.221; 103I.301; 103I.621; 144.05; 144.12; 144.383; 157.04; 157.08; 157.09; 157.13*

History: *17 SR 2773; 33 SR 211; 45 SR 986*

Published Electronically: *April 30, 2021*