

Draft Minnesota Rules, chapter 4725

SUBMERGED CLOSED LOOP HEAT EXCHANGERS

This is a DRAFT document. None of the proposed language changes are adopted or reflect current rule. Proposed language revisions are marked from the previously posted rule draft document. Language additions are underlined. Existing language proposed for removal is stricken with a ~~strike-out~~. Changes are accepted between document versions.

1 4725.0100 DEFINITIONS.

2 Subpart. 47b. **Submerged closed loop heat exchanger.** “submerged closed loop heat
3 exchanger” has the meaning given in Minnesota Statutes, section 1031.005, subdivision 17a.

4 Subp. 47c. Submerged closed loop heat exchanger device. “Submerged closed loop heat
5 exchanger device” means the portion of a submerged closed loop heat exchanger designed a
6 ~~device installed in a water supply well and used to transfer heat~~ between~~from~~ the heat transfer
7 fluid and~~to~~ the groundwater.

8 Subp. 47d. Submerged closed loop heat exchanger piping. “Submerged closed loop heat
9 exchanger piping” means piping and fittings of a submerged closed loop heat exchanger used to
10 convey heat transfer fluid and includes:

- 11 1. Piping and fittings buried below the ground surface and located between~~from~~ the
12 building and~~to~~ the well;
- 13 2. Piping and fittings installed in the water-supply well; and
- 14 3. Fittings connected~~to~~ the piping in items 1 and 2 to the pitless unit.

15 Subp. 47e. **Submerged closed loop heat exchanger system.** “Submerged closed loop heat
16 exchanger system” means one or more~~a~~ submerged closed loop heat exchangers installed in
17 ~~one or more water supply wells~~ connected to a single building.

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