

4725.2150 REQUIRED DISTANCE FROM GAS PIPES, LIQUID PROPANE TANKS, AND ELECTRIC LINES.

Subpart 1. **General distance.** The minimum isolation distances in item A or B must be maintained during construction, repair, or sealing of a well or boring, and installation of a pipe with flammable or volatile gas, an overhead or underground electric transmission, distribution, service, supply, feeder, branch, or conductor line hereafter called "electric line" or "line," or a liquid propane tank. The distances are measured horizontally from the closest part of the well or boring to the closest part of the pipe, tank, or line; or closest part of the vertical projection on the earth of an overhead or buried pipe, tank, or line. The minimum isolation distance between a well or boring and a pipe with flammable or volatile gas, an electric line, or a liquid propane tank is:

A. ten feet; or

B. five feet if:

(1) the person constructing the well or boring, or the person installing the pipe, line, or tank, marks the well or boring with a permanent sign warning of the location of the electric line, liquid propane tank, or gas pipe; and

(2) during construction or sealing of the well or boring:

(a) the electric line has been de-energized and visibly grounded, or insulating barriers not a part of, or an attachment to, the equipment or machinery have been erected to prevent physical contact with the line during well or boring construction; and

(b) the propane tank does not contain flammable or volatile gas.

Subp. 2. [Repealed, 33 SR 211]

Subp. 3. **Exceptions.** Subpart 1 does not apply to:

A. an electrical service line for the well or boring;

B. a television, fiber optic, or other low voltage electric line with a voltage less than 50 volts;

C. a temporary liquid propane tank used during the construction, repair, or sealing of a well or boring;

D. an overhead electric line when the repairing or sealing of a well or boring does not involve the use of a drilling machine or hoist;

E. a buried electric line or buried gas pipe when the repairing or sealing of a well or boring does not involve excavation; or

F. a buried electric line or gas pipe when a nonvertical bored geothermal heat exchanger boring is installed using directional drilling technology, provided that:

(1) the notice of excavation and location of buried utilities are completed according to Minnesota Statutes, chapter 216D; and

(2) the point where the drill bit penetrates the ground surface complies with the isolation distances in subpart 1.

The requirements of this part are minimum standards and do not exempt persons from more restrictive requirements of the Occupational Safety and Health Administration.

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; 45 SR 986*

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