

**CHAPTER 4725**  
**DEPARTMENT OF HEALTH**  
**WATER WELL CONSTRUCTION CODE**

4725.7605 FLUSH THREADED POLYVINYL  
 CHLORIDE (PVC) CASING AND  
 SCREENS USED FOR MONITORING  
 WELLS AT PETROLEUM STORAGE  
 TANK SITES.

**4725.7605 FLUSH THREADED POLYVINYL CHLORIDE (PVC) CASING  
 AND SCREENS USED FOR MONITORING WELLS AT PETROLEUM  
 STORAGE TANK SITES.**

Notwithstanding parts 4725.6900 to 4725.7600, a monitoring well may use flush threaded polyvinyl chloride (PVC) casing and screens used for leak detection or groundwater monitoring at an underground or aboveground petroleum storage tank site if the requirements in this part are met.

A. The screen must intersect the surface of the water table at the time of installation. The well must be constructed so the joint between the two deepest casing sections is above the surface of the water.

B. The total depth of the monitoring well must be 50 feet or less.

C. The monitoring well must be constructed in unconsolidated materials.

D. The annular space between the bore hole and the casing must be grouted with neat cement. The grout must be placed from within ten feet of the top of the screen to the established ground surface.

E. The flush threaded polyvinyl chloride casing must meet at least the standards in schedule 40 for polyvinyl chloride (PVC) materials of the American Society for Testing and Materials (ASTM), 1916 Race Street, Philadelphia, Pennsylvania. Schedule 40 standards are contained in the Annual Book of ASTM Standards, Volume 8, Designation D 1785-88 Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120 Tables I and II, published December 1988. The ASTM standards are incorporated by reference, are not subject to frequent change, and are available through the Minitex interlibrary loan system.

**Statutory Authority:** *MS s 103I.211; 103I.222*

**History:** *16 SR 2479*