

# Office of the Revisor of Statutes

## Administrative Rules



**TITLE:** Adopted Permanent Rules Relating to Exploratory Borings

**AGENCY:** Department of Health

**REVISOR ID:** R-4755

**MINNESOTA RULES:** Chapter 4727

**INCORPORATIONS BY REFERENCE:**

Part 4727.0150, item D: ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959: ASTM Standard C595, "Standard Specification for Blended Hydraulic Cements," is not subject to frequent change and is available for loan or inspection through the Minitex interlibrary loan system.

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Office of the Minnesota  
Secretary of State, Steve Simon y

The attached rules are approved for  
filing with the Secretary of State

*Sandra Glass-Sirany*

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Sandy Glass-Sirany  
Senior Assistant Revisor

1.1 **Department of Health**

1.2 **Adopted Permanent Rules Relating to Exploratory Borings**

1.3 **4727.0100 DEFINITIONS.**

1.4 *[For text of subparts 1 to 20, see Minnesota Rules]*

1.5 Subp. 20a. **Portland cement.** "Portland cement" means:

1.6 A. construction material that conforms to ASTM Standard C150-85a; or

1.7 B. Type IL blended Portland-limestone cement that conforms to ASTM Standard  
1.8 C595, "Standard Specification for Blended Hydraulic Cements."

1.9 *[For text of subpart 20b, see Minnesota Rules]*

1.10 Subp. 20c. **Rapid setting cement.** "Rapid setting cement" means:

1.11 A. Type III Portland cement as designated in ASTM Standard C150-85a;

1.12 B. Type IL-HE Portland-limestone cement as designated in ASTM Standard C595,  
1.13 "Standard Specification for Blended Hydraulic Cements";

1.14 C. a cement labeled as an API Class C cement; or

1.15 D. any Portland cement containing calcium chloride, sodium chloride, or gypsum  
1.16 in an amount between two and four percent by weight of Portland cement.

1.17 *[For text of subparts 20d to 27, see Minnesota Rules]*

1.18 **4727.0150 INCORPORATION BY REFERENCE AND ABBREVIATIONS.**

1.19 This part lists documents, specifications, and standards that are incorporated by reference  
1.20 in this chapter. The material is not subject to frequent change and is available for loan or  
1.21 inspection through the Minitex interlibrary loan system. The abbreviations listed in  
1.22 parentheses after the source names are used in this chapter.

1.23 *[For text of items A to C, see Minnesota Rules]*

2.1 D. ASTM International (ASTM), 100 Barr Harbor Drive, West Conshohocken,  
2.2 PA 19428-2959:

2.3 *[For text of subitems (1) to (5), see Minnesota Rules]*

2.4 (6) ASTM Standard C595, "Standard Specification for Blended Hydraulic  
2.5 Cements";

2.6 (7) ASTM Standard D2466-90a, "Standard Specification for Poly(Vinyl  
2.7 Chloride) (PVC) Plastic Pipe Fittings, Schedule 40";

2.8 (8) ASTM Standard D2487-85, "Standard Test Method for Classification of  
2.9 Soils for Engineering Purposes"; and

2.10 (9) ASTM Standard F480-88, "Standard Specification for Thermoplastic  
2.11 Water Well Casing Pipe and Couplings Made in Standard Dimension Ratios (SDR)."

2.12 *[For text of items E to I, see Minnesota Rules]*

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