

Pitless Adapters and Units June 2016

The following equipment meets the requirements of Minnesota Rules, chapter 4725, for use with a well or boring casing or casing extension terminating at least 12 inches above grade.

Advance (Dave Ludwig Industrial Sales)

- Weld-on Adapter Kit (Submersible Only)
- 21-inch Single Model (Threaded Connections, Submersible Only)

Baker Manufacturing/Monitor Division

- PS Welded, Threaded, and Kwikonect Pitless Units
- DQ Series Pitless Kit
- PJ Shallow Well Pitless Unit for Concentric Piping
- PJ Single Pipe Deep Well Pitless Unit
- Snappy Pitless Adapter (galvanized cast iron)
- Snappy Pressurized Pitless Adapter
- Bulldog Pitless Adapter (brass)
- BEZ Weld On Pitless Adapter (approved 5-27-2005)
- PJ Double Pipe Deep Well Pitless Unit **(Out of Production)**
- Snappy Weld-on Pitless Adapter **(Out of Production)**
- Monitor 5 X 6 Fiberloc Polymer Composites Pitless Kit **(Out of Production)**

Boshart Industries

- IPD-series (5, 6, 8, 10, and 12-inch sizes, approved 6-6-2016)
- IPS-series (5, 6, 8, 10, and 12-inch sizes, approved 6-6-2016)

Harco

- Pitless Pump Installation (bench welded only) **(Out of Production)**

Maass Midwest

- Model J Weld-on Adapter

Model B Weld-on Adapter

- Model JC Clamp-on Adapter (Submersible Only)
- Model JJ Weld-on Adapter with Concentric Piping for Shallow Well Pump
- Model JX Pitless Unit
- Model BX Pitless Unit
- Model MB Pitless Unit
- Model CW and CW-WA Series Adapters (approved 6-28-1995)

Merrill

- SP and SPP Pitless Units
- SPK Clamp-on Pitless Kit (Submersible Only)
- MCK Brass Clamp-on Pitless Kit (approved 12-8-1995)
- Two-Pipe Jet Unit **(Out of Production)**
- E-Z Pull Weld-on (Submersible Only) **(Out of Production)**

Paulus Plastic Company

- Clear Way Plastic Adapter (approved 12-7-1995)

Wells, Inc.

- Safety-Seal Clamp-on Unit
- Aqua Seal, T-Series and B-Series (approved 12-7-1995)
- Weld-on Unit (Submersible Only) **(Out of Production)**

Whitewater

- Whitewater Pitless Unit SU (Plain End, Threaded, and Compression Fitting)
- Duplex Type 1060 Sub (Thread to Casing)
- Duplex Type 2070 Sub
- Duplex Type 2015 Sub (Thread to Casing)
- Duplex Type 1060 J-C Deep Well 2-Pipe with Concentric Piping
- Duplex Type 1060 SW Shallow Well
- Duplex Type 1060 PJ-C Deep Well Single Pipe with Concentric Piping
- SS2 Shallow Well Jet Unit
- 1J2 Deep Well Jet Unit with Concentric Piping
- Pitless Adapter Tank (PAT) with ¼-inch Wall
- Whitewater/Morrison Pitless Adapter-Seal Model D-8001 (Above Ground Discharge)
- Whitewater/Morrison Pitless Adapter-Seal Model DWC-008A (Above Ground Discharge)
- Ace Pressurized Clamp-on (Submersible Only) **(Out of Production)**
- Ace Weld-on (Submersible Only) **(Out of Production)**
- Duplex Type 2000 PJ2-C Single Pipe Packer w/ Concentric Piping – Backtapped **(Out of Production)**
- Duplex Type 2000 PJ3-C Single Pipe Packer w/ Concentric Piping – Backtapped **(Out of Production)**
- Duplex Type 2000 SW Shallow Well – Backtapped **(Out of Production)**

Williams

- Clamp-on Saddle (Submersible Only) **(Out of Production)**

Well Cap Note – All regulated wells and borings must have a permanent watertight and vermin-proof cap installed on the casing (the innermost casing, if the well or boring has multiple casings). The cap must be an overlapping well cap with compression gasket, a threaded or welded well cap, a sanitary well seal, or the extension of the casing at least 1 inch into the base of a pump. The screened vent required for a water-supply well may be incorporated into the underside of the well cap.

Casing Connection Note – A pitless unit that connects to the well casing with a compression seal must provide for the well casing to extend at least 2.5 inches into the throat of the pitless unit.