

Installation and Maintenance Instructions

Important: Read these instructions completely before beginning installation. Keep for future reference.



Installation

1. Prepare the concrete mounting surface by installing 1/2" bolts into the concrete to match the hole pattern in the sump base.
2. Temporarily install the A0718 Sump using 1/2" bolts. The sump may be removed for making the sump penetrations.
3. Attach the shear valve to the provided mounting plate. Insure the alignment based on the piping plan. Adjust later as needed and securely tighten the mounting bolts.
4. Make the sump penetrations based on the piping plan. Refer to the fitting manufacturer's instructions for hole sizing.
5. Permanently mount the sump using the 1/2" bolts.
6. Install the piping and seal all fittings based on manufacturer's instructions.
7. Make the electrical connections as required by local codes and following manufacturer's instructions.
8. Test the sump for integrity tightness using a hydro test as described in PEI/RP1200-12. Fill the sump with water a minimum of 2" above all penetrations and fittings. The wait period should comply with local regulations. To pass, there should be no change in the water level.

Maintenance

Inspection should be done monthly, and testing annually, with greater frequency as required by local codes.

1. The sump should be inspected routinely to check for:
 - A) Any external damage
 - B) Any fluid (water or fuel) held in the sump
2. Remove and properly dispose of any fluid found in the sump.
3. Integrity Testing: The leak tightness should be tested in accordance with API Std 653 (Nov. 2014) or PEI/RP1200-12. If the unit does not pass the integrity test, the proper reporting must be done based on local requirements. The source of the leak must be found and corrected.