HYDROSTATIC TESTING

Purpose: Mainly used to pressure test a water main for leaks at 150 PSI or force main lines at a high PSI rating.

Equipment: Hydrostatic test pump, suction hose, pressure hose, 32 gallon clean container (plastic trash can new), and clean water.

Important: Make sure diaphragm has minim 65psi. If line being tested has pressure on it, start unit first than open pressure side valve or you will blow hockey puck and lose pressure in diaphragm.

Procedure: Set unit up on level ground and check pressure on pump head (65psi min.). Hook pressure hose to pressure side of pump and attaché to corp stop on water line. Hook suction hose up to unit on suction side and place the other end into clean container filled with clean water. Set regulator to desired PSI setting (150PSI) standard. (see important before next step) Open corp stop and start unit, let run until correct pressure is built up on line, than close pressure valve on unit and shut unit off. Wait for allotted time to pass test. When test is completed turn valve to corp stop off and release pressure on unit. Unhook and move to next line.