

CLIENT: EZ-Trap, Inc

TEST PROCEDURE AND RESULTS

The following test program was conducted in a laboratory environment maintained at 70°F and 50% Relative Humidity. The submitted sample was tested after conditioning in the test environment for at least 48 hours prior to conducting the test.

An automated test system was fabricated and set-up to perform the following test cycle:

The "E-Z trap" sample was installed as per client's instructions. Tap water at 70-75°F was allowed to flow through the system at a rate of 0.5 GPM for 10 seconds, after which a solenoid valve was closed on the outlet side of the system to simulate blockage and subsequent overflow. A counter was set-up to increment each time the float switch operated. A total of 1,000 cycles were completed at ambient temperature.

The above test sequence was then repeated on the same sample in an environmental chamber set-up for 140°F, maintained by a closed loop control system.

The submitted sample sustained the imposed 2,000 cycles without any apparent failure or loss of serviceability. The float switch remained operational throughout the cyclic test program and had operated each time the overflow condition was simulated.

*** End Of Report ***