



“Spring Cleaning” Service Bulletin

Mission recommends all of our customers perform a bi-annual system test of each of their RTUs to verify their monitoring system is operating as expected. When performing the following tests we suggest that the RTU be left in its normal operating mode – do not use an electronic key to place it into service mode as you normally would. This will verify the complete end-to-end alarm-through-notification process.

It would be a good idea to notify your coworkers that you are doing these tests in case they get an alarm notification.

High Level Floats

The most important link in the alarm chain is the high level float, but it is seldom used on a properly operating well working lift-station. Lift the the high level float by hand to signal an alarm (do not try to fake it). Floats may fail for a number of reasons (hung up on ladder, bad contacts, loose or worn wire etc). Leave the float upended until you receive the alarm notification. Once the message is received you will know everything is working from end to end. Be sure that the float is replaced at an appropriate level in the wet well.

If no alarm was received then you should look for the LED to light on the Mission unit. If it does not light in response to the float signal the wiring to the float should be tested. Contact Mission Technical Support if you need trouble-shooting assistance.

Backup Battery Capacity.

Turn off AC power to the Mission unit for 6 minutes or longer (AC alarms are delayed for approximately 5 minutes). You should receive an AC failure alarm call out. The Mission RTU is constantly measuring the battery voltage, but it is not a “real-world” full load test.

Batteries should be replaced approximately every 5 years.

Additional Digital and Analog Inputs

Test all the other inputs, including the analog ones (if connected). Make certain the high and low set points are appropriate.

Tank and Well and Digital Intertie

If you utilize our tank and well option review the items discussed in the Document “Tank and Well Best Practices”. Call us for a copy of this document.

Review Call Out List

Employees' phone numbers and email addresses may have changed since you last reviewed your notification list. Please verify the accuracy of the call-out destinations on your web site.

These simple checks will verify the Mission RTUs are operating normally and will ensure that your system is ready when you need it. If you have any questions about the performance of your system please call us at 877-993-1911. We are here to help.

Forrest Robinson, President