

## Leak Monitoring System Maintenance

The system should not need any maintenance unless a component fails to perform as designed. The following is a list of components that can affect the results of the test.

- There are three types of systems using three types of pumps and compressors used to create the test media for testing.
  1. Vacuum Pump.
  2. Submersible pump with a solenoid valve.
  3. Air compressor with a solenoid valve.
- All systems are using an in-line check valve to maintain the test media.
- All systems are using a pressure

If the system fails to create or maintain the test media (vacuum or pressure) perform the following test.

1. Turn off the power to the LMS unit.
2. On the test manifold turn off all the branch valves connecting all of the equipment or pipe that is being tested. Leave on the valves going to the large gauge and transmitter.
3. Turn on the power to the system. A test will start in about one minute. The system will test only the test manifold and the performance of the pump or compressor.
4. Let the system run a test as programmed.
5. If the test passes go to step #6. If the test fails the problem is with your test manifold for the test media pump.

Consult a factory authorized representative.

6. Passed Test. The problem is with your pipe or tanks equipment that is being tested or the tubing connecting the equipment to the test manifold.
7. Make sure all the tubing is connected properly.
8. Inspect the tubing for leaks.
9. To help identify where the leak is, Isolate (test) one piece of equipment at a time by opening one valve on the test manifold and restart the test. Turn off and on the power to the controller to begin a new test.
10. Repeat #9 until the leak or leaks are isolated.

Contact a factory authorized representative for assistance.

