

Owner / Facility Name: _____

Address: _____

Building Name / Room Identifications: _____

Installation / Initial Inspection Check List

- Verify that TRM-Easy5 Panel is securely mounted to indoor wall surface or in a weather protected enclosure.
- Verify line voltage correctly connected to line voltage terminals with ground connection.
- Verify BMS output relay wiring to Q1-1, Q1-2 and Q2-1-Q2-2. These are output contacts are normally open and close on alarm
- Verify +12Vdc and return wiring Q3-2 to Remote Alarm (if installed)
- Verify sensor loop #1 is connected to +12Vdc and Input I1
- Verify sensor loop #2 is connected to +12Vdc and Input I2 (note if no sensors are installed as Loop #2 a jumper should be installed from +12Vdc to Input I2)
- Energize panel by closing Fuse Block. Verify steady green LED on power supply and flashing green LED on Relay Module (Steady green LED on Relay Module is not acceptable and indicates that the relay firmware is missing or corrupted)
- Verify that the TRM-Easy5 Relay is correctly labeled for TRM-DFS operation.
- Verify that TRM-DFS-3 sensors have been installed where indicated on project plans
- Check to see that all sensors are resting evenly on concrete floor or drip pan with the sensor element in contact with the floor surface.
- Verify that leader cables are correctly routed and secured to mechanical structures using nylon tie wraps or similar means
- Check that any sensors subject to foot traffic or accidental snagging of the leader cable are secured in place using TRM-DFS-3-SSHD (Stainless Steel Hold Down Fixtures)

Inspector Name: _____ Signature: _____ Date: _____

COMPLETE BOTH SIDES

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Functional Test Report

DRY TEST

- The following test requires coordination with the facility’s BMS operator or console. Before proceeding with test procedure, verify that the BMS alarm system has been configured to recognize the leak detection inputs as “Normally Open / Close on Alarm”.
- Inform that BMS/Facility staff that a leak detection test is imminent and that alarms from the leak detection panel should be ignored during the duration of the test.
- Energize the TRM-Easy5-Panel by closing the internal fuse block.
- Select a random sensor on Loop #1 and remove sensor element from the DFS-3 Sensor by pulling the element out from the base of the sensor body.
- Verify BMS output relay for Loop1 (Q1) is closed. Verification will require coordination with the BMS system operator / console to confirm that the alarm signal has been recognized.
- If one or several TRM Remote Alarm Type-RO have been installed verify that the red LED pushbutton light is one and that the buzzer is on. Pres the SILNECE pushbutton and verify that the alarm is silenced but that the red illumination of the pushbutton remains ON.
- Replace the sensor element into the base of the TRM-DFS-3 sensor body and verify that the signal to the BMS panel has returned to normal.
- Verify that the red illumination push button on any connected Remote Alarms has gone off.
- Repeat the above procedure for Loop #2 if rhe second loop is being used for one or more sensors.
- Inform the BMS operator that the test is complete, the system is live and all future alarms should be considered real.

WET TESTING: The same procedure outline above may be repeated using a test liquid. TRM Sensors recommends the use of naphtha (Zippo lighter fluid is a good source. Instead of removing the sensor element as described above, place the selected sensor in a saucer and add a enough lighter fluid to reach the sensor element. All alarm indications described above should occur within 10 seconds of exposure. To reset the system, remove the wet element and allow it to evaporate for 30 minutes and then restore it into the sensor body. Or simply install a spare element and set the wet sensor aside for a day or two.

Inspector Name: _____ Signature: _____ Date: _____

COMPLETE BOTH SIDES