



PHIL-TITE Franklin Fueling Systems

5 Gallon Spill Container with Sensor Package

Testing Instructions and Interstitial Monitoring Method

Interstitial Monitoring Method

The interstitial space between the spill bucket and the fiberglass secondary is monitored by an electronic TS-ULS Universal Liquid Sensor.



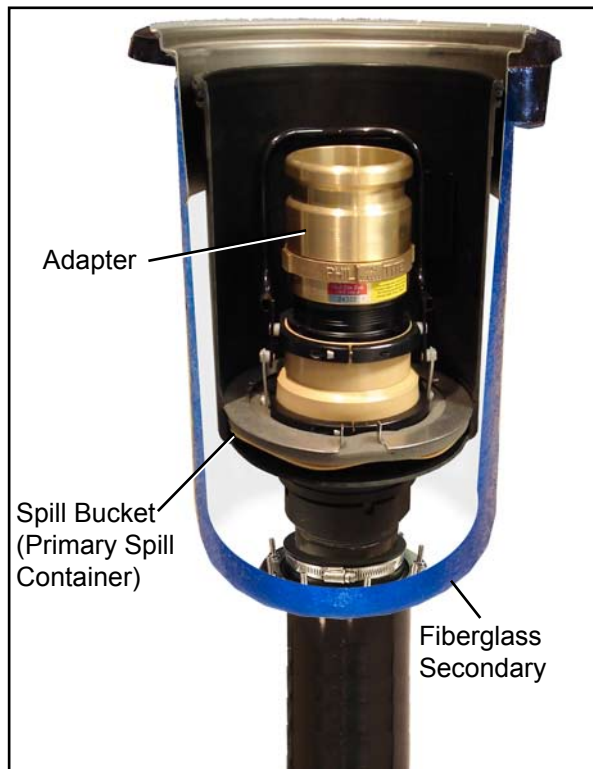
Fiberglass Secondary with Lid



TS-ULS Sensor



Sensor Installed in Fiberglass Secondary



Cutaway of Spill Bucket and Fiberglass Secondary Mounted on Riser Pipe

Testing Methods

Primary Spill Container Hydrostatic Testing

1. If testing is to be done on a model with drain valve be sure drain valve handle is resting against wall of nylon bucket to ensure it is closed.
2. Fill primary spill container to one inch above top of black nylon bucket with water and mark top edge of water.
3. Let stand for 3 hours.
 - If water level drops 1/8 inch or less, the test has passed.
 - If water level has dropped more than 1/8" the test has failed.

Interstitial Hydrostatic Testing of secondary containment

1. Remove primary spill containment using installation/removal toolkit T-7043.
2. Insert a plumbers plug into the tank riser and fill the fiberglass containment with approximately five gallons of testing liquid.
3. Let stand for 3 hours.
 - If water level drops 1/8 inch or less, the test has passed.
 - If water level has dropped more than 1/8" the test has failed.

Interstitial TS-ULS Sensor Testing

1. Remove primary spill bucket if installed
2. Verify sensor is installed at the bottom of the secondary and wired properly.
3. Fill the secondary containment with water until the sensor is submerged.
4. Verify the sensor notifies the tank gauge of the water intrusion.



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