



Indiana Petroleum Equipment
Contractors Association

2017

**Annual Underground Storage Tank
Management & Compliance
Assistance Seminar**

Inspection and Testing Requirements

John Childes

M & M Mid-Valley Service and Supply

New Operation and Maintenance Requirements

Periodic Walkthrough Inspections

Monthly

Period shall not exceed 30 days.

Annually

Period shall not exceed 365 days.

Every Three Years

New Operation and Maintenance Requirements

Monthly:

Spill Prevention Equipment - A Walkthrough inspection must be conducted every 30 days; Exception - spill prevention equipment at UST systems receiving deliveries at intervals greater than every 30 days may be checked prior to each delivery.

Check for damage; remove liquid or debris; check for and remove obstructions in the fill pipe; and, for double walled spill prevention equipment with interstitial monitoring, check for a leak in the interstitial area.



New Operation and Maintenance Requirements

Monthly:

Release Detection Equipment: Check to make sure the release detection equipment is operating with no alarms or other unusual operating conditions present; and ensure records of release detection testing are reviewed and current.

New Operation and Maintenance Requirements

Annually:

Containment Sumps - Visually check for damage, leaks to the containment area, or releases to the environment; remove liquid (in contained sumps) or debris and for double walled sumps with interstitial monitoring, check for a leak in the interstitial area, and



New Testing Requirements

New Operation and Maintenance Requirements

Containment Sump Testing

- ***All piping containment sumps that are used for interstitial monitoring must be tested once every 3 years***
 - Applies to new installations
 - All other (“old”) containment sumps must be tested by the IDEM implementation date.
 - **IF** the owner chooses to conduct interstitial monitoring to meet leak detection requirements
 - Double-walled sumps with interstitial monitoring between the containment sump walls are not required to be tested



New Operation and Maintenance Requirements

Annually:

Release Detection Equipment - Check to make sure the release detection equipment is operating with no alarms or other unusual operating conditions present; and ensure records of release detection testing are reviewed and current.



New Operation and Maintenance Requirements

Leak Detection Equipment

All Leak Detection Equipment must be tested annually

- Test is intended to make sure equipment is operating properly
 - Applies to new installations
 - All other (“old”) leak detection equipment must be tested by the IDEM implementation date.



New Operation and Maintenance Requirements

Annually:

Hand held release detection equipment - check devices such as tank gauge sticks or groundwater bailers for operability and serviceability.

