

## **Alternative to line leak detector for pressurized system that has continuous interstitial monitoring system**

An automated interstitial monitoring system can be combined with an automatic shutoff system so that whenever the system detects a suspected release, the product flow in the piping is completely shut down. Under other methods in 40 CFR §280.43(i)(2), EPA recognizes such a setup would meet the monthly monitoring requirement as well as the automatic line leak detector requirement. The following conditions must be met:

- Sump sensors used for piping interstitial monitoring must remain as close as practicable to the bottom of interstitial spaces being monitored.
- Monthly monitoring records must be maintained for at least one year.
- Electronic and mechanical components of the system, including shutoff devices, sensors, pressure or vacuum monitors, must be tested annually for proper operation. Records of the test must be maintained for three years.
- Containment sumps that are part of the piping interstitial monitoring system must be tested at least once every three years for liquid tightness. Keep the results for at least three years