NWGLDE ACCEPTABLE PROTOCOLS

Some of the NWGLDE Acceptable Protocols are available for download. They are Adobe Acrobat®PDF files which are zipped to facilitate the download process. In order to open and view the files you will need Adobe Acrobat® Reader® along with a ZIP Utility installed on your computer. A link to both programs can be found on the Downloads page in the Utilities section.

Aboveground Storage Tank Leak Detection Method (A)

Automatic Electronic Line Leak Detector (B)

Automatic Mechanical Line Leak Detector (C)
"Protocol for Reduced Testing Evaluations for Extending Line Volume or Additional Types of Line Construction Materials", Ken Wilcox Associates, March 8, 2011.\(^\text{6}\)

Automatic Tank Gauging Method (D)
"Test Procedures for Comparison of Different ATG Probes," Ken Wilcox Associates, March 27, 2000.\(^\text{8}\)
(With acceptable modification, this method is also applicable to comparisons of different ATG controllers.)
Amendment to EPA ATG and Non Volumetric TTT Protocols for Water Sensor Testing, Jairus D. Flora Jr. Ph.D., December 17, 2008.\(^\text{10}\)


Bulk Underground Storage Tank Leak Detection Method (50,000 Gallons Or Greater) (E)


Continuous In-Tank Leak Detection Method (F)


Continuous Interstitial Line Monitoring Method (Pressure/Vacuum Decay) (G)


“Final European Standard EN 13160-2, Leak Detection Systems - Part 2: Pressure and Vacuum Systems (Note: Acceptance also applies to sections of the other 6 parts of EN 13160 which are referenced within Part 2.), European Committee for Standardization, May 2003. This Standard may be purchased from Standards Direct.


Continuous Interstitial Monitoring Method (Liquid Filled) (H)

Continuous Interstitial Tank System Monitoring Method (Pressure/Vacuum Decay) (I)


“Final European Standard EN 13160-2, Leak Detection Systems - Part 2: Pressure and Vacuum Systems (Note: Acceptance also applies to sections of the other 6 parts of EN 13160 which are referenced within Part 2.), European Committee for Standardization, May 2003. This Standard may be purchased from Standards Direct.

Continuous Pressurized Piping Leak Detection Method (J)


Interstitial Product Detectors (Liquid-Phase) (K)


Interstitial Tank Tightness Test Method (L)


Line Leak Detection Method for Airport Hydrant and Field Constructed Systems (M)

**Line Tightness Test Method (N)**


**Non-Volumetric Tank Tightness Test Method (Tracer, Ullage, Vacuum Induced Acoustic Signal) (O)**


**Out-of-Tank Product Detectors (Liquid-Phase) (P)**


**Out-of-Tank Product Detectors (Vapor-Phase) (Q)**

Secondary and Spill Containment Test Methods (R)


Statistical Inventory Reconciliation Test Method (Qualitative, Quantitative) (S)


Volumetric Tank Tightness Test Method (Overfill, Underfill) (T)
