

Automatic Tank Gauging (ATG) Systems (for tanks only)	
Description Of Release Detection	An automatic tank gauging (ATG) system consists of a probe permanently installed in a tank and wired to a monitor to provide information on product level and temperature. ATG systems automatically calculate the changes in product volume that can indicate a leaking tank.
Have Certification For Your Release Detection Method	<ul style="list-style-type: none"> ❑ Make sure your ATG system is certified for the types of tanks and stored contents on which the ATG system is used. Most manufacturers have their leak detection devices tested and certified by a third party to verify that their equipment meets specific performance requirements set by regulatory agencies. If you don't have certified performance claims, have the manufacturer provide them to you.
Perform These O&M Actions	<ul style="list-style-type: none"> ❑ Use your ATG system to test for leaks at least every 30 days. Most systems are already programmed by the installer to run a leak test periodically. If your system is not programmed to automatically conduct the leak test, refer to your ATG system manual to identify which buttons to push to conduct the leak test. Testing more often than monthly can catch leaks sooner and reduce cleanup costs and problems. ❑ Make sure that the amount of product in your tank is sufficient to run the ATG leak test. The tank must contain a minimum amount of product to perform a valid leak detection test. One source for determining that minimum amount is the certification for your leak detection equipment (as discussed above). ❑ Frequently test your ATG system according to the manufacturer's instructions to make sure it is working properly. Don't assume that your release detection system is working and never needs checking. Read your owner's manual, run the appropriate tests, and see if your ATG system is set up and working properly. Most ATG systems have a test or self-diagnosis mode that can easily and routinely run these checks. ❑ If your ATG ever fails a test or indicates a release, see Section 3 of this booklet for information on what to do next. ❑ Periodically have a qualified UST contractor, such as the vendor who installed your ATG, service all the ATG system components according to the manufacturer's service instructions. Tank probes and other components can wear out and must be checked periodically. Many vendors recommend or require this maintenance activity at least annually. ❑ Check your ATG system owner's manual often to answer questions and to make sure you know the ATG's operation and maintenance procedures. Call the ATG manufacturer or vendor for a copy of the owner's manual if you don't have one. ❑ Make sure employees who run, monitor, or maintain the release detection system know exactly what they have to do and to whom to report problems. Develop and maintain regular training programs for all employees.
Keep These O&M Records	<ul style="list-style-type: none"> ❑ Keep results of your ATG system tests for at least 1 year. Your monitoring equipment may provide printouts that can be used as records. Unless you are recording actual release detection results at least every 30 days and maintaining records for at least 1 year, you are not doing leak detection right. ❑ Keep all records of calibration, maintenance, and repair of your release detection equipment for at least 1 year. ❑ Keep all performance claims supplied by the installer, vendor, or manufacturer for at least 5 years. These records include the certification of your leak detection equipment described above.