

# Four Phase Tank Assessment™

## The Tanknology® Proprietary Alternative to Manned-Entry UST Inspections

Underground Storage Tank (UST) inspections performed via manned entry are risky and expensive. They are also frequently inaccurate. A better – and safer – solution is Tanknology's Four Phase Tank Assessment method.

As the worldwide leader in UST compliance solutions, Tanknology has combined a precision tank tightness test, a corrosion survey, and an unmanned internal tank inspection done by a remote camera with an expert review by a certified Corrosion Protection Specialist. This provides an accurate and economical assessment of a tank's condition – all without the risks of manned entry.

The proprietary Tanknology method, which is third-party certified for steel tank assessments, as well as listed under ASTM Alternative Assessment Methods, is conducted in four phases:

### PHASE ONE: VacuTect® UST Precision Tightness Test

The Tanknology VacuTect system is the world's most accurate and popular method for verifying the tightness of underground tanks and lines. It tests both the wet and dry parts of the tank in a single test, using a patented vacuum methodology.

### PHASE TWO: Site Corrosion Survey

A comprehensive site survey evaluates the environmental and structural

conditions that may be causing corrosion and therefore deterioration in the tank, pipes, joints and connectors. This corrosion survey and data evaluation is conducted under the direction of NACE International certified Corrosion Protection Specialists.

### PHASE THREE: PetroScope® Remote Camera Unmanned Internal Tank Inspection

The Tanknology PetroScope system is a proprietary method of thoroughly inspecting the interior of a UST using a remote-controlled camera equipped with high intensity lighting. This specialized video system provides a detailed inspection of all aspects of the UST interior, capturing the inspection video on a DVD – all without the need for manned entry.

### PHASE FOUR: Expert Review and Reporting

The VacuTect test, the corrosion tank inspection video and corrosion field report is formally reviewed by a NACE International certified Corrosion Protection Specialist. A final report details the conditions of the tank and its suitability for continued use, as well as any recommendations regarding corrosion protection and re-inspection.

**To learn more about Four Phase Tank Assessments, or to discuss other UST compliance services, contact us today at +1 (512) 380-7129 or email us at [international@tanknology.com](mailto:international@tanknology.com).**



Environmental Compliance for Petroleum Systems



## Benefits at a Glance

- The comprehensive program provides a complete picture of the condition of the UST system.
- A complete internal tank inspection is performed, without the risk and high cost of manned-entry.
- Our thorough inspection protocol is more accurate and thorough than visual inspections.
- Internal inspection is captured on video, providing permanent evidence of the condition of the tank's condition at the time of inspection.

