VacuTect Vacuum-Acoustic Tank Tightness Testing System

Tanknology's **VacuTect** system has the capability of testing the wet and dry part of Underground Storage Tanks (USTs) in one single test. It is certified to test at any product level, including empty, and provide a conclusive result without the need for a retest.

How It Works

VacuTect introduces a Vacuum into the tank to create a slight negative pressure, so that any leak is shown by ingress of air or water. A leak below the tank fluid level generates a unique "bubble" signature that is transmitted by the probe to the mobile unit. Leaks above the fluid level produce a distinctive hissing sound. All signals are digitally recorded and can be transferred to Tanklonogy's headquarters for further review and stored for documentation pourposes.

The system is certified to test tanks up to 283,500 litres at any product level including empty, if total ullage volume does not exceed 75,000 litres.

Advantages

- Capable of testing two tanks simultaneously
- Four tanks can be tested in approximately two hours
- Tank down-times are reduced as there is no need for product removal or acclimation waiting period.
- Lowest negative pressure is applied, submitting tanks to minimal stress.
- System is not affected by ground vibration or temperature variations.

Certifications

- B.A.S.E.E.F.A. approved (Intrinsic Safety Standard Eex ia IIC T4) (Cetificate No. - Ex91C2432X/1).
- Independently evaluated by Ken Wilcox Assoaciates to confirm that it meets the stringent US Environmental Protection Agency (EPA) performance standards required for tank testing methods.
- CSA of Canada Approval for Intrinsic Safety CA/CSA/05/TR227716-1612344 for Tanknology VacuTect Tank Test Probe Model CTM100118.
- TestSafe Australia Certification for Explosion-Protected Electrical Equipment Certificate No: ANZEx 05.3015R for Tanknology VacuTect Tank Test Probe Model CTM100118.

Benefits at a glance

Fast and Accurate

VacuTect performs most tank tests in 60 minutes with no disruption of other tanks.

Environmentally Friendly

No positive pressure is applied for testing, diminishing the risk of a hazardous spill.

Safe

Powered by an explosion-proof motor with automatic shut-off safeguard and emergency shut-off button. Design of probe is intrinsically safe.

Operator Independent

Results are attained through a self-calibrating system automatically controlled by proprietary software run on a laptop.

Tanknology

Environmental Compliance for Petroleum Systems

To learn more, or to discuss specific compliance needs for your site, call us today on,
1 800 256 538 or visit our website www.tanknology.com.au