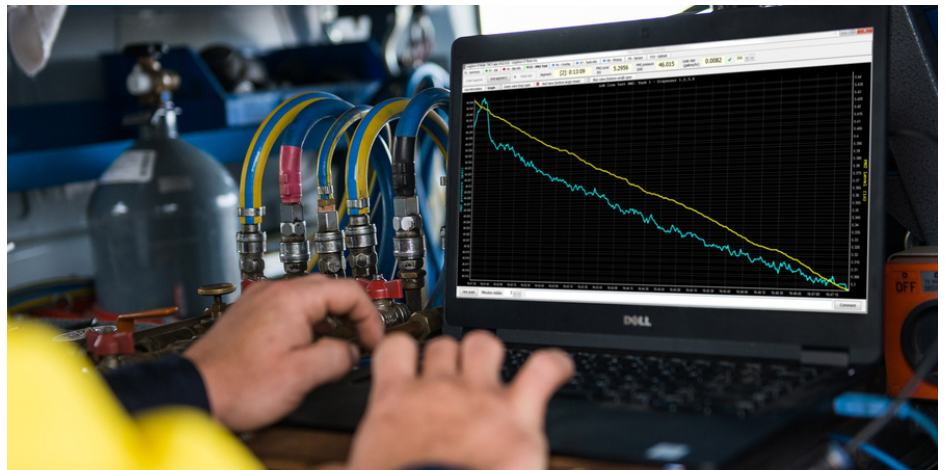


Tank & Line Integrity Testing



Key features and benefits

The LOB Precision Tank Test:

- US EPA certified as the most accurate tank test globally
- Certified test time is 67 minutes
- Uses multiple differential pressure sensors for automated readings
- Can test all tank types at any fill level with any product
- Provides instant feedback to technicians including live leak rates
- All readings are digitally stored and analysed by qualified engineers

"Fast, accurate digital leak detection"

When it comes to fuel leak detection, accuracy matters. Petromonitor offers the world's fastest, most accurate method of leak detection. Using the very latest tank and line testing technology from Leighton O'Brien, there is no leak scenario our test method cannot detect.

With more than 20 years of experience across Southern Africa, the team at Petromonitor is proud of the reliability of the tests, which can detect leaks with a precision unmatched by others.

Certified to US EPA standards, it's the most advanced, practical and reliable test available. Technicians can better diagnose problems including the smallest leaks, water ingress and equipment issues, so any maintenance repairs can be made sooner.



"The best technology and service meets the highest environmental standards."

How it works

Our precision tank and line test is a mass-based volumetric tightness test using the latest sensor technology, data collection and analysis software.

It takes continuous mass readings of all parts of the fuel tank system with multiple sensors, providing real-time feedback on system integrity.

Our digital testing solution is the only test platform that digitally captures test results which are then uploaded to the cloud for analysis by qualified engineers.

Why **mass**, and not **vacuum** based testing?

1. Although our technology is certified to conduct a test under vacuum, we choose to conduct all of our work using a mass-based underfill test – simply because this method avoids many of the issues that plague vacuum tests and allows clear identification of all leaks for quick repair.

2. With vacuum testing you cannot 'hear' a leak no matter how sensitive your equipment, if the leak has been sealed by the vacuum force. 85% of ullage leaks will occur in manways, and by exerting a vacuum force of over 30 kilopascal (as is standard in some vacuum acoustic tests), a force equivalent to placing a 6.4 tonne weight on the manway is exerted during the test. This force effectively seals any leaks causing a FALSE pass and returns when the vacuum is released.

3. Vacuum tests don't diagnose the issue; rather you'll merely receive a pass or fail result. With Petromonitor, we can advise if liquid is entering or leaving the tank and at what rate, allowing you to accurately assess the next steps.

Tank & Line Integrity Testing

Key features and benefits

The LOB PM2 Line Test:

- The fastest and most accurate US EPA certified line test
- Certified test time is 3 minutes for empty lines, 17 minutes for wet lines
- All line conditions can be tested including dry, wet and partially wet
- Certified for all pipe manufacturers including steel, plastic, single and double-walled



For more information on Petromonitor's tank and line integrity testing services visit www.petromonitor.co.za or call +27 21 671 9312