

Titan Cloud

Quantitative Wet Line Test PM2 (for Rigid and Flexible Pipelines)

LINE TIGHTNESS TEST METHOD

Certification	Leak rate of 0.1 gph with PD = 99.6% and PFA = 0.4%.
Leak Threshold	0.05 gph. A pipeline system should not be declared tight if the test result indicates a loss that equals or exceeds this threshold.
Applicability	Gasoline, diesel, aviation fuel, fuel oil #4, biodiesel B6-B20 meeting ASTM D7467 biodiesel B100 meeting ASTM D6751.
Specification	System tests fiberglass, steel and flexible pipelines. Wet Tests are conducted at 45 psi or 150% of operating pressure. Mechanical line leak detector must be removed or manually isolated from pipeline for duration of test, or if testing is to be conducted with mechanical line leak detector in place, check valve in pump must be manually closed.
Pipeline Capacity	Maximum of 371.22 gallons in rigid piping. Maximum of 109.8 gallons in flexible piping. Maximum total of 481 gallons in combination rigid and flexible (the capacity of the flexible component cannot exceed 109.8 gallons). Manifolded piping may be tested as long as the total length of piping is within the capacity and configuration limitations.
Waiting Time	None between delivery and testing. Minimum of 27.5 minutes between dispensing and testing.
Test Period	Under ideal conditions, 17.25 minutes after installing in line. Test data is collected continuously and recorded by computer. Data is analyzed at the Leighton O'Brien analysis center with telemetry.
Calibration	No temperature sensors used. System must be calibrated yearly in accordance with manufacturer's instructions.
Comments	Groundwater is overcome with pressure on the system during the wet test.

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Appearance on this list is not to be construed as an endorsement by any regulatory agency nor is it any guarantee of the performance of the method or equipment.

Equipment should be installed and operated in accordance with all applicable laws and regulations. For full details, please refer to our expanded "[DISCLAIMER](#)" page.