New Mexico Environmental Department
Petroleum Storage Tank Bureau
2905 Rodeo Park Drive East, Bldg. 1
Santa Fe, NM 87505
(505) 476-4397

Automatic Line Leak Detector Testing
&
Electronic Sump Sensor Testing
for Piping
Evaluation Work Sheet

Date Test Conducted

☐ Annual ☐ New Installation ☐ Troubleshooting ☐ Other

New Mexico PST Facility		Contractor/Technician Information	
Facility Name	Facility ID#	Technician's Name	Technician Certification
Facility Address		Company	
City	Zip Code	City	State
County	Phone #	Zip Code	Phone #

System & Testing Equipment Information

Testing Equipment Used, (make & model)	Last Calibration Date of Testing Equipment

1. All ALLDs (both mechanical & electronic) must be installed and tested in accordance to 20.5.108 NMAC and 20.5.111 NMAC.
2. Testing shall comply with the equipment manufacturer's protocol.
3. The ALLDs must be installed within the PST piping system during the test.
4. ALL ALLDs Regardless of manufacturer must pass a 3 gallons per/hour at 10 psi of line pressure test .
5. The leak must be simulated at the furthest dispenser or at the highest elevation above the ALLD.
6. Electronic ALLDs & sump sensors must shut down the turbine/pump when an alarm is triggered.
7. Attach documents of all repairs, maintenance & calibration of release detection equipment to this report and maintain these records for one year after work is completed.
8. Attach documents supporting Technician's training or experience as required in 20.5.108.816 NMAC and 20.5.111.1112 NMAC.

Description						
Line Number/Product						
ALLD Manufacturer & Model						
ALLD Serial Number						
New ALLD Installed						
Turbine/Pump Manufacture						
Type of Piping (Rigid/Flexible)						
Approx. Length of Piping						
Piping Diameter						
Mechanical (MLLD) Test Data						
Pump Operating Pressure (psi)						
Holding Pressure (psi)						
Metering Pressure (psi)						
Opening Time (seconds)						
Resiliency (ml)						
Leak Rate (gph)						
Electronic (ELLD) Test Data						
Set-up Parameters Correct (y/n)						
Simulated leak causes alarm or pump shutdown (yes/no)						
Number of test cycles before alarm & pump shutdown occurs						
Test Results						
Pass/Fail						

Interstitial (sump) Monitoring Sensor Information						
Sensor ID/Location Turbine/Pump Dispenser/Pump Transition	Manufacturer/Model	Sensor Type Float Optical discriminating non-discriminating Other	Test Method Flip* Submersion other	Alarm (yes/no)	Product Specific Turbine/Pump Shutdown (Yes/No)	All Products Turbine/Pump Shutdown (Yes/No)

Comments

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Technician Name: Signature:

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_____   Date

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* Test method must be per manufacturer's testing instructions, for example, Veeder-Root requires sensors to be submersed for a valid sensor test.