



**Standardized Annual Testing Form for UST Systems**

**Facility Profile**

Facility Name:	<input type="text"/>	RI DEM UST Facility ID#	<input type="text"/>	
Physical Address:	<input type="text"/>		City/Town:	<input type="text"/>
Primary Contact Name:	<input type="text"/>	Contact Phone #:	<input type="text"/>	

UST System Use:

UST Construction Type:  Piping Construction Type:

UST System Contents:  Gasoline - All Grades  Diesel  Heating Fuel (all grades)  Waste Oil  Kerosene  
(check all that apply)  Mixture  Jet Fuel/Av Gas  Lube/Motor Oils  Other Hazardous Substance:

**Tester Information**

Company Name:	<input type="text"/>	Company Phone #:	<input type="text"/>
Mailing Address:	<input type="text"/>		
Tester Name:	<input type="text"/>	Tester Phone #:	<input type="text"/>

**Test Summary**

Date of Test/Inspection:	<input type="text"/>	Date Results Submitted:	<input type="text"/>
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Check here if this is a re-test due to a failed test      Tester Signature:

This form contains results for the following tests and/or Inspections:  Continuous Monitoring System and Liquid Level Sensors  ATG Operation and Inspection  
 Shear Valve Operation  Overfill Protection Devices  UST Interstitial Space Sensor  
 Line Leak Detector

NOTE: This form is for annual tests only. UST and product piping primary wall and interstitial space tightness results should be submitted using the form titled "UST, Product Pipeline, and Interstitial Space Tightness Test Form" located on our website at <http://www.dem.ri.gov/UST/forms>

All test results are required to be submitted to DEM within 30 days for passing tests and 14 days for failed tests. All results must be mailed - we are unable to accept electronic, e-mail, or faxed test results.

**Results should be mailed to:**

RI DEM - UST Program  
235 Promenade  
Providence, RI 02908

## Automatic Tank Gauge Operation and Inspection

Facility Address:  City/Town:  Facility ID #  Test Date:

This procedure is to determine whether the automatic tank gauge (ATG) is adjusted, set-up, and operating properly. For proper inspection procedure, see PEI/RP1200 Section 8.2 or equivalent.

UST Number	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
Product Stored	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
ATG Brand and Model	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
Tank Volume (Gallons)	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
Tank Diameter (inches)	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
Was the ATG removed from the UST for inspection?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Do the floats move freely on the stem without binding?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Does the fuel float level agree with the value displayed on the ATG console or CMS?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Does the water float level agree with the value displayed on the ATG console or CMS?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
What is the distance (inches) from the bottom of the ATG stem to the point at which the 90% overfill alarm is triggered?	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
Does the distance measured above correspond with the UST manufacturers listed liquid depth at which the tank is 90% full?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
What is the distance (inches) from the bottom of the ATG stem to the point the water float triggers a water alarm on the CMS or ATG console?	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
Will the installed ATG be able detect $\geq 1$ " of water in the UST?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
<b>If any answers above are "No" or were not able to be answered, the ATG has failed</b>					
<b>FINAL RESULT:</b>	<input type="radio"/> Pass <input type="radio"/> Fail	<input type="radio"/> Pass <input type="radio"/> Fail	<input type="radio"/> Pass <input type="radio"/> Fail	<input type="radio"/> Pass <input type="radio"/> Fail	<input type="radio"/> Pass <input type="radio"/> Fail

Were repairs required to achieve a passing result?  Yes  No

Comments or Description of Repairs Performed:

## Mechanical and Electronic Line Leak Detectors

Facility Address:  City/Town:  Facility ID #  Test Date:

This data sheet should be used to test mechanical line leak detectors (MLLD) and electronic line leak detectors (ELLD) with submersible turbine pumps (STP) systems. See PEI/RP1200 Sections 9.1 and 9.2 for test procedures

Which UST(s) does this LLD service?	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Leak Detector Manufacturer	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Leak Detector Model	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
What type of Line Leak Detector is present?	<input type="radio"/> MLLD <input type="radio"/> ELLD	<input type="radio"/> MLLD <input type="radio"/> ELLD	<input type="radio"/> MLLD <input type="radio"/> ELLD	<input type="radio"/> MLLD <input type="radio"/> ELLD	<input type="radio"/> MLLD <input type="radio"/> ELLD

### Mechanical Line Leak Detectors All Pressure Measurements are made in PSIG

STP Full Operating Pressure	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Check Valve Holding Pressure	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Line Resiliency (mL) <i>Line Bleedback volume as measured from check valve holding pressure to 0 psig</i>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Step Through time in Seconds <i>Time the MLLD hesitates at metering pressure before going to full operating pressure as measured from 0 psig with no leak induced on the line</i>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Metering Pressure <i>STP Pressure when simulated leak rate of 3 GPH at 10 psig</i>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Opening Time in Seconds <i>The time the MLLD opens to allow full pressure after simulated leak is stopped</i>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Does the STP pressure remain at or below the metering pressure for at least 60 seconds when the simulated leak is induced?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Does the leak detector reset (trip) when the line pressure is bled off to zero psig?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Does the STP properly cycle on/off under normal fuel system operation conditions?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No

### Electronic Line Leak Detectors All Pressure Measurements are made in PSIG

STP Full Operating Pressure	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
How many test cycle are observed before alarm and/or shutdown occurs?	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Does the simulated leak cause an alarm?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Does a simulated leak trigger a STP shutdown?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No

**If the simulated leak does not trigger an alarm on the CMS console, the ELLD has failed**

FINAL RESULT:	<input type="radio"/> Pass <input type="radio"/> Fail	<input type="radio"/> Pass <input type="radio"/> Fail	<input type="radio"/> Pass <input type="radio"/> Fail	<input type="radio"/> Pass <input type="radio"/> Fail	<input type="radio"/> Pass <input type="radio"/> Fail
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Were repairs required to achieve a passing result?  Yes  No

Comments or Description of Repairs Performed:

## Shear/Crash Valve Operation

Facility Address:  City/Town:  Facility ID #  Test Date:

What Type of piping system does this UST Facility Use?    Pressurized    Suction    No Piping

This datasheet should only be used for inspecting shear/crash valves located inside dispensers of pressurized piping systems. This datasheet is not required to be completed for systems with suction piping or those that do not having piping. For inspection and testing procedures of shear/crash valve on pressurized piping systems, see PEI/RP1200 Section 10.

Dispenser #	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>
Shear Valve Type	<input type="radio"/> Liquid <input type="radio"/> Vapor	<input type="radio"/> Liquid <input type="radio"/> Vapor	<input type="radio"/> Liquid <input type="radio"/> Vapor	<input type="radio"/> Liquid <input type="radio"/> Vapor	<input type="radio"/> Liquid <input type="radio"/> Vapor	<input type="radio"/> Liquid <input type="radio"/> Vapor	<input type="radio"/> Liquid <input type="radio"/> Vapor
Is the valve rigidly anchored to the dispenser box frame or dispenser island?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Is the shear section positioned between 1/2" above or below the top surface of the dispenser island?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Is the lever arm free to move?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Does the poppet valve automatically snap shut?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
When the poppet valve is closed is the flow of product fully stopped?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Have all test or quick disconnect fittings that reach above the shear point of the valve been removed?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No

**If the answers to any of the above are "No", the valve has failed and the dispense must immediately be taken out of service**

FINAL RESULT:	<input type="radio"/> Pass <input type="radio"/> Fail	<input type="radio"/> Pass <input type="radio"/> Fail	<input type="radio"/> Pass <input type="radio"/> Fail	<input type="radio"/> Pass <input type="radio"/> Fail	<input type="radio"/> Pass <input type="radio"/> Fail	<input type="radio"/> Pass <input type="radio"/> Fail	<input type="radio"/> Pass <input type="radio"/> Fail
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Were repairs required to achieve a passing result?    Yes    No

Comments or Description of Repairs Performed:

## Overfill Prevention Device

Facility Address:  City/Town:  Facility ID #  Test Date:

What is the primary overfill protection device at this site?  Ball Float  Overfill Alarm  Automatic Shutoff Valve (Flapper)

This datasheet is for inspecting automatic shutoff devices, ball floats, and overfill alarms. See PEI/RP1200 Section 7 for inspection procedures.

### Ball Float Valve

DEM UST #	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Ball float removed for inspection?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Tank Top fittings vapor and liquid tight?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Ball float cage free of debris?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Ball free of holes, cracks, or other damage?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Ball moves freely in cage?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Vent hole in pipe open and near top of tank?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Measured depth at which the installed ball float would begin to restrict flow (inches)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Depth at which UST is 90% full according to manufacturers tank charts (inches)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Ball float pipe proper length to restrict flow at 90% capacity?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No

### Automatic Shutoff Device (Flapper Valve)

DEM UST #	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Was the drop tube removed from the tank?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Drop tube free of debris or obstructions?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Float moves freely without binding and poppet moves into flow path?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Flapper set to shutoff at 95% capacity?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Drop tube free of corrosion or other damage?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No

### Remote Overfill Alarm

What does the overfill alarm use to measure the liquid level in the USTs?  ATG  Liquid Level Sensor or Float

Does overfill alarm activate in the test mode at the console?	<input type="radio"/> Yes <input type="radio"/> No
When activated, can the overfill alarm be heard and seen from the fill point?	<input type="radio"/> Yes <input type="radio"/> No
Does manually moving the product level float(s) to the 90% level trigger the alarm?	<input type="radio"/> Yes <input type="radio"/> No
Was the ATG removed, inspected, and found to be fully operational as described on Page 2?	<input type="radio"/> Yes <input type="radio"/> No
Measured product depth at which the installed alarm would activate (inches)	A <input type="text"/>
Depth at which UST is 90% full according to manufacturers tank charts (inches)	B <input type="text"/>
Is A < B?	<input type="radio"/> Yes <input type="radio"/> No

If any of the above are "No", the overfill device is considered failed.

**Overfill Prevention Device Component Final Result:  Pass  Fail**

## Continuous Monitoring System, Liquid Level Sensors, and Interstitial Space Sensor

Facility Address:  City/Town:  Facility ID #:  Test Date:

This datasheet is for inspecting continuous monitoring systems, UST interstitial space sensors, and liquid level sensors. See PEI/RP1200 Section 8.3 for inspection procedures.

### Continuous Monitoring System

Manufacturer:  Model #:

Is the CMS operational and indicating "normal" conditions with no alarms, warnings, malfunctions, or test failures indicated?	<input type="radio"/> Yes <input type="radio"/> No
When the "TEST" button is pressed, does the CMS make an audible sound and all lights on the console illuminate?	<input type="radio"/> Yes <input type="radio"/> No
Do the programmed tank parameters (tank size, component type) match what is installed on-site?	<input type="radio"/> Yes <input type="radio"/> No

### Piping, STP, and Transition Sump and Under-Dispenser Containment Liquid Level Sensor

Location	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Which UST or dispenser is this sensor associated with?	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
When the sensor is immersed in liquid is an alarm triggered on the CMS?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Is the sensor upright, within 1" of the lowest point of sump, and secured against movement?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Is the Sensor free of debris, damage, obstructions, surface films or coatings?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
When the sensor triggers an alarm, does the CMS show the correct location of the sensor?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Is the sensor wire free from cracks, splits, or other damage, and connected with waterproof connectors?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No

### UST Interstitial Space Sensor

UST # or Contents	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Is sensor free of damage, obstructions, surface films, and coatings?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Is the sensor wire free from cracks, splits and other damage?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Does the sensor float move freely and trigger an alarm?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No

If any of the above are "No", the leak detection system is considered failed.

**CMS, Liquid Level Sensors and UST Interstitial Space Sensor Test Result:  Pass  Fail**