

# UST Annual Inspections



**Updates and Corrections,  
Improved Forms, New  
Handbook & a few examples of  
QUALITY Inspections!**

March 30, 2016

Tim Rector, Maine DEP  
Remediation and Waste Management

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

*Protecting Maine's Air, Land and Water*



# Overview

- Improvements to the Annual Inspection form & the Inspector Reference Handbook
- Examples of Inspections (Good and Not-so-good)
- Questions / Answers / Discussion



# Be Familiar with the Facility

DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Bureau of Remediation & Waste Management

Oil Storage Tank Search & Operator Training  
ONLINE SEARCH & TRAINING SERVICE

Home | Bureau Home | More Online Services

**SERVICE INFORMATION**

- FAQ
- Glossary of Terms

**RELATED INFORMATION**

- Underground Tank Information
- Aboveground Tank Information

## Welcome to the Oil Storage Tank Search & Operator Training Online Service

This free service provides public access to search the state's database of registered oil storage tanks and obtain registration certificates. The state's database includes all underground tanks that have been registered with DEP since 1986 (including tanks that have been removed) and aboveground tanks that have either been registered with DEP or permitted by the State Fire Marshal's office. Not all tanks that have been permitted with the Fire Marshal's office are in this database.

This service also allows operators of registered oil storage tank facilities in Maine to access an online training program and achieve certification as a Class A/B operator. In accordance with the 2005 Energy Policy Act, a "Class A" Operator has primary responsibility for on-site operation and maintenance of underground storage tank systems. A "Class B" Operator has daily on-site responsibility for the operation and maintenance of underground storage tank systems. In Maine these two categories are combined into a single Class A/B operator. You may obtain one or more individual certifications for specific facilities or certification as a "General Operator" if you need certification for many facilities or want certification to operate any facility. Certificates are valid for 2 years after which you must re-take the exam.

### Who can use this service?

Both the Registered Oil Tank Search and Operator Certification Program are available to the general public, free of charge, although the Operator Certification Program is designed for operators of underground oil storage facilities.

### What you will need:

In order to use the online facility training and operator certification service, users will need to log-in with the following information:

- Facility Registration Number (not applicable for general operators)
- Please Print out a copy of your Registration Certificate for reference when taking the online training
- Operator name
- A valid email address
- Free [Adobe Reader](#) software (required to view/print registration certificates).
- You may want a pad of paper to take notes and to write down information about other resources

**GET STARTED NOW:**

[Get Certified](#) [Search Registered Tanks](#)

Questions about this Service? Contact the Underground Tanks Program at: (207) 287-2651 or by email at: [dep.ust@maine.gov](mailto:dep.ust@maine.gov)

Technical Assistance | Bureau Home | Maine.gov | Privacy | Security

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Do a **GOOGLE** Search for TankSmart

# The Summary Page (page 1)

*By my signature below, I certify that I inspected this facility on this date and found deficiencies that require corrective action(s) before this inspection can be complete and passing.*

Printed Name & CTI No.

Date

Incomplete / Failing Inspection Signature

*By my signature below, I certify that I inspected this facility on this date and any deficiencies discovered during the inspection have been corrected.*

Printed Name & CTI No.

Date

Passing Inspection Signature

The facility owner must submit a passing UST Inspection report to MeDEP within thirty (30) days after the inspection is completed to:

UST Annual Inspection, Maine Department of Environmental Protection, 17 SHS, Augusta, ME 04333-0017

UST-01

**OWNER MUST KEEP A COPY OF THIS COMPLETED FORM**

Rev Date: 01/12/16



# The Meaning of the Signatures

- Top Signature: “Entire facility is NOT YET passing”.
- Bottom Signature: “I did the inspection and am certified to do so, and I believe everything reported to be true at the time of the inspection and the facility is passing”.



# A/B Operator Information (page 2)

Maine Department of Environmental Protection  
**UST Annual Inspection Report**

Reg #:  AI Date:

**Class A/B/C Operators** (Motor-fuel, waste oil, marketing and distribution facilities)

Item	Yes	No	
1 Is a Class A/B Operator employed at this facility?	<input type="checkbox"/>	<input type="checkbox"/>	
Certificate # <input type="text"/>	Name <input type="text"/>		<input type="checkbox"/> Checklist provided
2 Class A/B Operator documenting the Weekly Walk-through Inspections with a checklist?	<input type="checkbox"/>	<input type="checkbox"/>	
3 Class C Operator Training Record on-hand?	<input type="checkbox"/>	<input type="checkbox"/>	

**Unattended Fueling Operations**

Item	Yes	No
4 Does facility allow unattended fueling?	<input type="checkbox"/>	<input type="checkbox"/>
5 Proper signage for unattended fueling facilities?	<input type="checkbox"/>	<input type="checkbox"/>

**Comments:** (Indicate all repairs made to bring facility into compliance)

Use this area for additional comments that won't fit on any other pages. Include the Inspection Item #.

Information collected on this page will not affect or change the "pass/fail" status of the annual inspection report.

# Unattended Fueling Operations (page 2)

Maine Department of Environmental Protection  
**UST Annual Inspection Report**

Reg #:  AI Date:

**Class A/B/C Operators** (Motor-fuel, waste oil, marketing and distribution facilities)

Item	Yes	No
1 Is a Class A/B Operator employed at this facility?	<input type="checkbox"/>	<input type="checkbox"/>
Certificate # <input type="text"/>	Name <input type="text"/>	
2 Class A/B Operator documenting the Weekly Walk-through Inspections with a checklist?	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/> Checklist provided
3 Class C Operator Training Record on-hand?	<input type="checkbox"/>	<input type="checkbox"/>

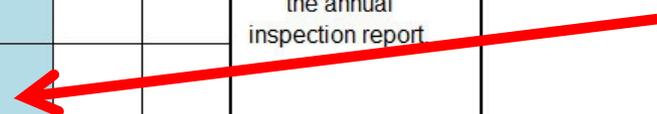
**Unattended Fueling Operations**

Item	Yes	No
4 Does facility allow unattended fueling?	<input type="checkbox"/>	<input type="checkbox"/>
5 Proper signage for unattended fueling facilities?	<input type="checkbox"/>	<input type="checkbox"/>

Information collected on this page will not affect or change the "pass/fail" status of the annual inspection report

**Comments:** (Indicate all repairs made to bring facility into compliance)

Use this area for additional comments that won't fit on any other pages. Include the Inspection Item #.





# Unattended Fueling Operations

## From the “Inspectors Reference Handbook” (page 4)

Questions are numbered in order. If you need more information about a particular question call 1-800-452-1942 or (207) 287-7688 and ask to speak to someone in the Underground Tanks Unit.

### A. Class A/B/C Operators (page 2)

Information collected on page 2 of the Annual Inspection Report form will not result in a failing Annual Inspection.

**ITEM 1: Is a Class A/B Operator employed at this facility?** This applies only to motor fuel, waste oil, and marketing and distribution of oil facilities. Check for a current Maine Class A/B Operator Certificate (the expiration date is in the bottom right corner). Record the certificate number (found in the bottom left corner of the document) and the currently employed certified operator’s name in the spaces provided under Item 1.

**ITEM 2: Class A/B Operator documenting the Weekly Walk-through Inspections with a checklist?** The Class A/B Operator must be doing weekly inspections of the facility and documenting these dated inspections. Inspections may be documented on the DEP’s “Underground Oil Storage Facility – Class A/B Operator Weekly Facility Walk Through Inspection Checklist (Form UST-28, included with the 2016 version of the report form) or on a checklist of their own design. If the A/B Operator is not using the DEP provided checklist, their checklist must, at a minimum, contain at least the same inspection items or more.

**ITEM 3: Class C Operator Training Record on-hand?** Check for a Class C Operator Training Record at the facility. If the Class A/B Operator is always at the facility when it is operating, a Class C Training Record is not required.

### B. Unattended Fueling Operations (page 2)

**ITEM 4: Does facility allow unattended fueling?** Check if any “pay-at-the-pump” dispensers can still dispense fuel after the facility closes or when there is no certified Class A/B/C Operator present

**ITEM 5: Proper signage for unattended fueling facilities?** Unattended fueling facilities must have signage meeting DEP *Rules for Operator Training for Underground Oil and Hazardous Substance Storage Facilities*, 06-096 C.M.R. ch. 693 (effective August 4, 2012) and the National Fire Protection Association *Code for Motor Fuel Dispensing Facilities and Repair Garages*, NFPA 30A (2012 edition). Signage must be posted in the dispenser area within sight of the customer being served.

# Daily Inventory

page 3

## Maine Department of Environmental Protection UST Annual Inspection Report

Reg #:

AI Date:

### Daily Inventory

(Only for tanks that use monthly reconciliation of daily inventory combined with annual statistical inventory analysis [SIA])

Item	Tank/Chamber #								
		Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
6	Inventory reconciled monthly?								
7	Over/Shorts less than 1%?								
8	Fill pipe drop tube in place?								
<b>Manual Inventory</b>									
9	Gauge stick in good condition?								
<b>PASS or FAIL?</b>									



# ATG Automatic Tank Gauge page 3

## Automatic Tank Gauging (*Single-walled tanks only*)

For tanks using an ATG for leak detection (Item 12 not required if ATG is only being used to collect daily inventory)

10	Make & Model:								
		Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
11	Console is properly programmed and fully operational?								
12	Passing 0.2 gph test within last 30 days at tank capacity or a range of tank capacities as specified by the equipment manufacturer?								
13	Product & water floats checked by hand?								
PASS or FAIL?									

**Required:** Attach copy of **ATG printout** showing passing results with the inspection report. If ATG printout results are not included with annual inspection report, the inspection will be considered incomplete and returned to the owner.

# ATG's

## (Handbook, page 7)

### D. Automatic Tank Gauging (ATG)

....

**You must ensure that the ATG is properly programmed and fully operational. If you need to reprogram the ATG to run the appropriate test (periodic or continuous), make a note of the reprogramming in one of the “Comments” boxes and include a copy of the setup report with the inspection report. MeDEP regulations require the ATG perform a passing 0.2 gph test at least once every thirty (30) days. The owner must keep three (3) years of test records on-site or at the owner's place of business.**



# Line Item 11, for ATG

## (Handbook, page 7)

**Item 11: Console is properly programmed and fully operational?** Make sure the monitoring console is properly programmed in accordance with manufacturer's instruction, matches Department compliance requirements for which the facility is registered and meets requirements for leak detection operation as evaluated by the National Work Group for Leak Detection Evaluations (NWGLDE). Alarms must be enabled, the indicator lights and horn must be working and if the console is equipped with a printer, it must be functioning properly.



# Line Item 12, ATG continued

(Handbook, page 8)

**Item 12: Passing 0.2 gph test within last 30 days ...** Make sure a 0.2 gph test was run in the last thirty (30) days at a capacity or a range of tank capacities as specified in the equipment manufacturer's instructions. If the console performs the tests automatically, evidence of the last passing test will be found in the history; if the console **only** performs static (**manually run**) tests initiated by the owner/operator, the last passing test will be recorded on-site. **The owner must keep three years of test records on-site or at their place of business as evidence that the tests are being completed at least every 30 days. Running a static test on the day of the inspection does not meet Department rules for validating proper leak detection.**

# Interstitial Monitoring

(page 4)

Maine Department of Environmental Protection  
UST Annual Inspection Report

Reg #:  AI Date:

**Interstitial Monitoring (Double-walled Tanks and/or Piping)**

Console Make and Model:

Item	Tank/Chamber # Volume Product	TANK		PIPE		TANK		PIPE		TANK		PIPE	
		P	F	P	F	P	F	P	F	P	F	P	F
20	Electronic (E), Manual (M), or None (X)												
	<b>Manual</b>	P	F	P	F	P	F	P	F	P	F	P	F
21	Sump is accessible for inspections?												
22	Written log of sump checks maintained?												
	<b>Electronic</b>	P	F	P	F	P	F	P	F	P	F	P	F
23	Console is properly programmed and fully operational?												
24	Sensors are properly placed?												
25	Sensors are functioning properly?												
	<b>All Systems</b>	P	F	P	F	P	F	P	F	P	F	P	F
26	Sumps in liquid tight condition?												
27	No oil in sumps or interstitial space?												
28	No water in sumps or interstitial space?												
		P	F	P	F	P	F	P	F	P	F	P	F
	<b>PASS or FAIL?</b>												

Comments: (Indicate all repairs made to bring facility into compliance)





# Line Item 23, Interstitial Monitoring (Handbook, page 10)

For Electronic Systems:

**Item 23: Console is properly programmed and fully operational?** The monitoring console must be properly programmed to perform all required functions and must be fully operational including horn, lights, and printer (if it has one). Verify that the programming matches Department compliance requirements for which the facility is registered. Explain any problems and/or repairs made in the Comments section.

# Line Item 25, Interstitial Monitoring (Handbook, page 10)

**Item 25: Sensors are functioning properly? All sensors must be individually tested for proper operation. Follow the manufacturer's instructions.**

**Remove the interstitial sensor from the tank and test it for proper operation. ....**

**Pressing the test button on the console is not sufficient to confirm proper operation of the probe.**

**The system must alarm when the probe is exposed to liquid.**



# Line Leak Detector (page 5)

Maine Department of Environmental Protection  
UST Annual Inspection Report

Reg #:  AI Date:

**Line Leak Detector (LLD)**

Line leak detectors are required on product lines supplied by a pump remote from the dispenser.

Item	Tank/Chamber # Pump Type								
		Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
29	Make and Model (or N/A)								
30	Mechanical (M) or Electronic (E) LLD?								
31	LLD listed for use with type of piping present (rigid or flexible)?								
<b>Mechanical LLD's only</b>									
32	Slow flow when 3 gph leak @ 10 PSI is simulated?								
<b>Electronic LLD's only</b>									
33	One 0.1 gph or 0.2 gph test passed within last 30 days (if used for primary leak detection on single-walled piping)?								
34	System alarms and/or shuts off turbine when a 3 gph leak @ 10 psi is simulated?								
<b>PASS or FAIL?</b>									



# Line Leak Detector

## (Handbook, page 12)

NOTE: In order for a line leak detector to function properly, the STP must properly cycle on/off. Confirm that the STP properly cycles on/off as it would during normal fueling operations and visually inspect the STP electrical relay switches (contactors) to ensure that the contacts are in good condition. If the contacts show visible signs of excess arcing, damage or wear, obtain authorization to replace the defective relays.

NOTE: Piping configurations with multiple STPs and manifolded lines or those systems having master/satellite fuel dispensers must be installed properly for automatic line leak detectors to function correctly. Consult manufacturers' literature to ensure proper installation and operation.

# Copper Piping on Heating Oil Tanks (page 5)

## Copper Piping on Heating Oil Tanks

Item	Tank/Chamber # Product								
		YES	NO	YES	NO	YES	NO	YES	NO
35	Copper Piping?								
36	Piping sleeved or secondarily contained? (* See note below)								
37	Copper suction/return lines in single sleeve separated by spacers?								
		<b>Pass</b>	<b>Fail</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass</b>	<b>Fail</b>
	<b>PASS or FAIL?</b>								

\* Heating oil piping installed prior to Sept. 16, 1991 must be sleeved. After that date, piping must be secondarily contained and continuously electronically monitored.

Comments: (Indicate all repairs made to bring facility into compliance)



# Overfill Prevention (page 6)

## Maine Department of Environmental Protection UST Annual Inspection Report

Reg #:

AI Date:

### Overfill Prevention *(Devices must be compatible with fuel delivery method)*

Item	Tank/Chamber # Pump Type								
		Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
38	Ball float (BF), Flapper (F), Pressurized Delivery Flapper (PDF), Electronic (E), Vent Whistle (W), None (X)								
39	Checked and working properly?								
40	Set at 95% of tank capacity? <i>(Auto shut-off / flappers only)</i>								
41	Set at 90% of tank capacity? <i>(Ball floats, electronic &amp; vent whistles)</i>								
42	Vent whistle clearly audible from fill area? <i>(Consumptive use heating oil only)</i>								
<b>PASS or FAIL?</b>									

# Dispenser Area

(page 7)



Maine Department of Environmental Protection  
**UST Annual Inspection Report**

Reg #:  AI Date:

**Dispenser Area**

55	Emergency Electrical Disconnects?	Yes	No																		
Item	Dispenser # All Systems	P		F		P		F		P		F		P		F		P		F	
		P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F		
56	No weeps or leaks in dispenser?																				
<b>Crash Valves</b>		P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F		
57	Crash valves at correct height?																				
58	Crash valves are properly secured?																				
59	Crash valves operational?																				
<b>Dispenser Sumps</b>		P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F		
60	Are sumps in liquid tight condition?																				
61	No oil in sumps?																				
62	No water in sumps?																				
<b>Electronic Sump Monitoring</b>		P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F		
63	Monitoring console is fully operational?																				
64	Sensors are properly placed?																				
65	Sensors are functioning properly?																				
<b>PASS or FAIL?</b>		P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F		

**NOTES:** 1) If there are more than seven (7) dispensers, please use additional "Dispenser Area" forms.  
2) Since dispensers are not associated with tanks, any FAIL on this page is only recorded in the first tank column on the Summary page. So, if all dispensers are a PASS, only "X" the one dispenser PASS box in the first column of the summary page.

**Comments:** (Indicate all repairs made to bring facility into compliance)



# Line Item 65, Interstitial Monitoring (Handbook, page 17)

**Item 65: Sensors are functioning properly? All sensors must be individually tested for proper operation. Follow the manufacturer's instructions.**

**Dispenser sump sensors usually must be removed from the sump to test. .... The system must alarm when the probe is exposed to liquid.**

**Abuse of a probe to create an alarm is not allowed.**

**Pressing the test button on the console is not sufficient to confirm proper operation of the sensor.**



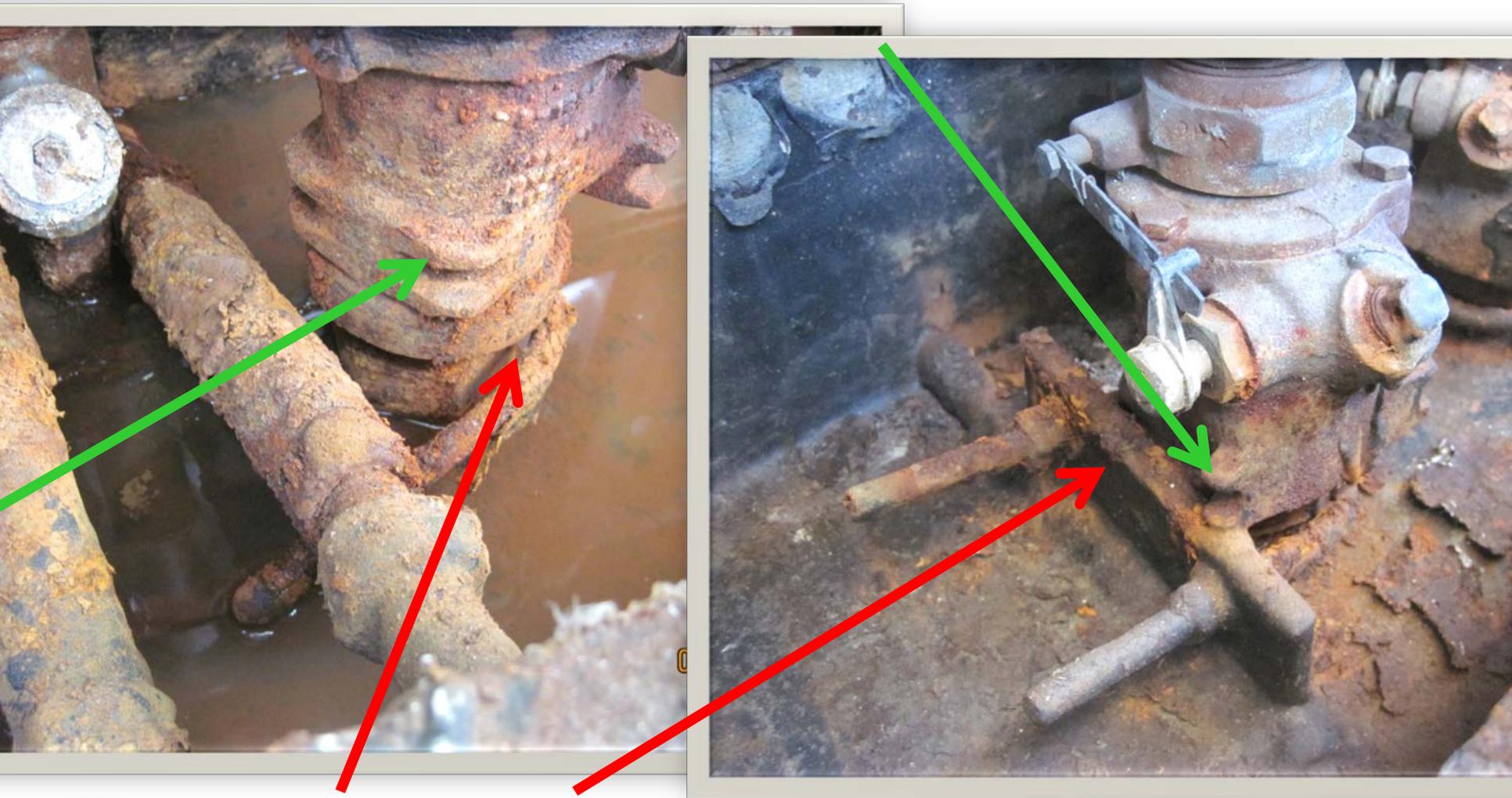


# Crash Valves

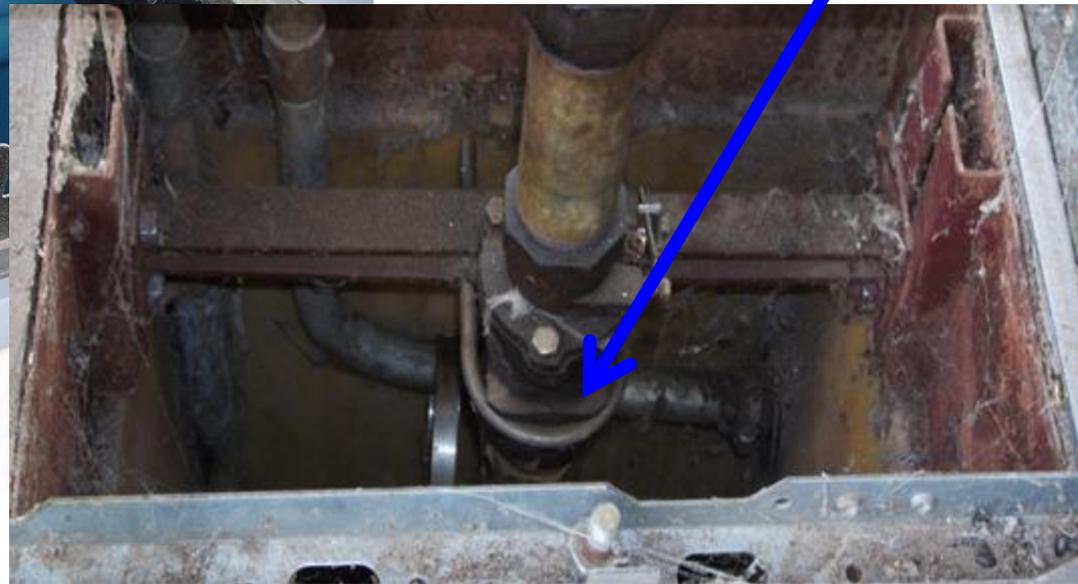
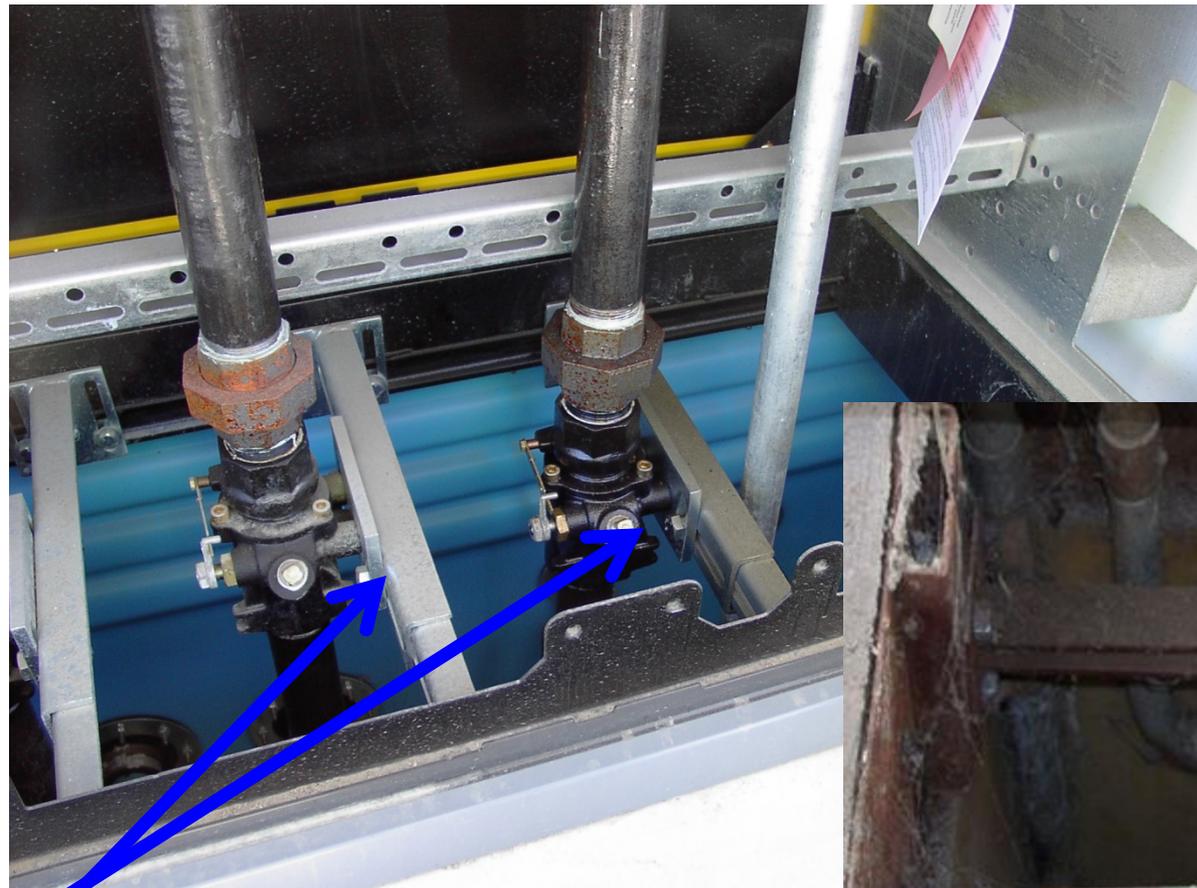
(Handbook, page 17)

**Item 59: Crash valves operational? Trip (close) and re-open the valve several times by hand. Lever arms must be free to rotate and able to snap the poppet valve shut/closed. Leave the shear valve closed (tripped) and attempt to pump fuel through the nozzle into a test can - no fuel should flow.**

# Crash Valves



# Crash Valves



# Cathodic Protection

(page 8)

Maine Department of Environmental Protection  
UST Annual Inspection Report

Reg #:  AI Date:

**Cathodic Protection**

**Galvanic Systems**

Item	Tank #								
		Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
66	Double-Walled Tanks <i>(one reading taken at tank mid-point)</i>								
67	Single-Walled Tanks <i>(3 readings taken over tank center line)</i>								
A "Pass" requires all readings be at least $-0.85V$		Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
PASS or FAIL?									
68	Product Pipe <i>(Lowest Reading)</i>								
PASS or FAIL?		Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail

**Impressed Current Systems**

Item	Tank #								
		Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
69	System met test requirements of NACE TM 101-2007?								
70	Monthly log present and filled out properly?								
PASS or FAIL?									

By my signature below, I certify that I tested the cathodic protection in accordance with nationally accepted standards. I also certify that I am a properly certified Maine underground oil storage tank installer OR that I am a properly certified Maine underground oil storage tank inspector that has also been certified by the Board of Underground Storage Tank Installers as a cathodic protection tester.

Name & CTI # (Please print) \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

Comments: (Indicate all repairs made to bring cathodic protection into compliance)

UST-01 8 Revision Date: 01/12/16



# Out of Service Tanks (Page 9)

## Temporarily Out of Service (OOS) Tanks

Fill out this section for any tank that is neither receiving nor dispensing oil and has been or is intended to be out of service for a period exceeding three months. Prior to returning to service, facilities must submit a complete passing annual inspection of all facility components. Facilities that have been out of service for more than 2 years without receiving the Department's permission in writing are required to be properly abandoned (removed).

Item	Tank # Volume Product								
		Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
71	Date of last dispensing or delivery (Month/Day/Year)								
72-a	Tank pumped out? (Less than 1" product, water, and/or residual)								
	OR								
72-b	Electronic Monitoring (tank & piping) is properly operating? (Note: CTI's must complete Line Items 20 & 23 - 28 for facilities using electronic monitoring in lieu of emptying OOS tank(s).)								
73	Vent lines open and functioning properly?								
74	All other lines, pumps, manways and ancillary equipment capped and secured?								
		Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
<b>PASS or FAIL?</b>									

**Comments:** (Indicate all repairs made to bring facility into compliance)

You may use this area for additional comments from previous pages. Include the line item to which it pertains



# M. Temporarily Out of Service (OOS) Tanks

(Handbook, page 19)

**Item 71: Out of service date?** Enter the date the tank or facility became inactive; this is the day after the last fuel delivery, dispensing or use. The out of service date is **NOT** the date an installer performed actions listed in **Items 72 – 74 below**. If you are not sure of the exact OOS date, explain in the comments section.



# M. Temporarily Out of Service (OOS) Tanks continued

(Handbook, page 19)

**Item 72-a: Tank pumped out? (Less than 1" product, water, and/or residual)** Verify that each OOS tank has less than one inch (1") of product, water, or residual.

OR

**Item 72-b: Electronic Monitoring (tank & piping) is properly operating?** If the tank contains more than one inch (1") of product, water or residual, then leak detection systems must be maintained. **If Item 72-b is checked, you must evaluate the leak detection system and** fill out the appropriate section of the inspection form (Inspection Items 20 & 23 - 28).



# **Some Examples of Inspections we have seen.**



after the inspection is completed.

- Detailed instructions on how to fill out this form are provided in the Department's "UST Inspector Reference Handbook", available online at [www.maine.gov/dep/waste/ust/formslists.html](http://www.maine.gov/dep/waste/ust/formslists.html). Copies of the Annual Inspection Report form, the Inspector Reference Handbook and a list of Frequently Asked Questions (FAQ's) are also available by calling the Underground Tanks Unit at (207) 287-2651.

**Class A/B/C Operators** (Motor-fuel, waste oil, marketing and distribution facilities)

Item		Yes	No	
1	Current Class A/B Operators Certificate on-hand?	✓		
	Certificate #	?		Not Required
2	Class C Operator Training Record on-hand?	✓		

Comments: (Indicate all repairs made to bring facility into compliance)

Use this area for additional comments that won't fit on the following pages. Include the Inspection Item #.



manual inventory					
6	Gauge stick in good condition?				
PASS or FAIL?					

**Automatic Tank Gauging (Single-walled tanks only)**

7	Make & Model:	VEEDER ROOT TLS 350
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(Only for tanks using an ATG for leak detection, or items 7, 8 and 10 if being used to collect

		Pass	Fail	Pass	Fail
8	Monitoring console or control box present and working?	X		X	
9	Passing 0.2 gph test within last 30 days at tank capacity or a range of tank capacities as specified by the equipment manufacturer?	X		X	
10	Product & water floats checked by hand?	X		X	
PASS or FAIL?		X		X	

**Required:** Attach copy of ATG printout showing passing results with the inspection report. If not included with annual inspection report, the inspection will be considered incomplete.

**Ground Water Monitoring (Single-walled tanks only)**

(Only for heating oil tanks installed before September 16, 1991)

		Pass	Fail	Pass	Fail
11	Monitoring wells accessible?				
12	Monitoring wells marked & secured?				
13	Bailer present, functional and clean?				
14	Water in well?				
15	No floating oil or smell of oil?				
16	Log of weekly well inspection?				
PASS or FAIL?					

Comments: (Indicate all repairs made to bring facility into compliance)

INTERVAL 19.0  
 UOL QUALITY 14.0%  
 TEST STARTED 6:51 AM  
 TEST STARTED 03/30/2020  
 STATUS 0.02  
 TEST ENDED 9:58 AM  
 TEST ENDED 03/30/2020

SLOPE -0.000 GAL/HR  
 TEST RESULT PASSED  
 SLOPE EQUALS CALCULATED  
 LEAK RATE

REGULAR 7665.0 GAL  
 PROD 2

LEAK TEST 0.200 GPH  
 LEAK THRESHOLD 0.100 GPH  
 INTERVAL 19.0  
 UOL QUALITY 14.0%  
 TEST STARTED 11:17 AM  
 TEST STARTED 03/30/2020  
 STATUS 1000.02  
 TEST ENDED 3:36 AM  
 TEST ENDED 03/30/2020

SLOPE 0.004 GAL/HR  
 TEST RESULT PASSED  
 SLOPE EQUALS CALCULATED  
 LEAK RATE

REG SLU 7665.0 GAL  
 PROD 2

LEAK TEST 0.200 GPH  
 LEAK THRESHOLD 0.100 GPH  
 INTERVAL 19.0  
 UOL QUALITY 14.0%  
 TEST STARTED 12:32 AM  
 TEST STARTED 03/30/2020  
 STATUS 0.02  
 TEST ENDED 3:13 AM  
 TEST ENDED 03/30/2020

SLOPE -0.002 GAL/HR  
 TEST RESULT PASSED  
 SLOPE EQUALS CALCULATED  
 LEAK RATE

Reg #:

AI Date:

5/23/2013

Interstitial Monitoring (Double-walled Tanks and/or Piping)

Console Make and Model: OmnTec LU6 gas, oil OmnTec LU2-diesel

Item	Tank/Chamber # Volume Product	7-1 10K Prem.				8-1 1K #2				9-1 10K diesel					
		TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE				
	Electronic (E), Manual (M), or None (X)	X		X	X	X	X	X	X						
	Manual	P	F	P	F	P	F	P	F	P	F	P	F		
18	Sump is accessible for inspections?														
19	Written log of sump checks maintained?														
	Electronic	P	F	P	F	P	F	P	F	P	F	P	F		
20	Monitoring console is fully operational?	X				X	X	X	X						
21	Sensors are properly placed?	X				X	X	X	X						
22	Sensors are functioning properly?	X				X	X	X	X						
	All Systems	P	F	P	F	P	F	P	F	P	F	P	F		
23	Sumps in liquid tight condition?	X				X	X	X	X						
24	No oil in sumps or interstitial space?	X				X	X	X	X						
25	No water in sumps or interstitial space?	X				X	X	X	X						
	PASS or FAIL?	P	F	P	F	P	F	P	F	P	F	P	F		
	PASS or FAIL?	X				X	X	X	X						

Comments: (Indicate all repairs made to bring facility into compliance)

Interstitial Monitoring (Double-walled Tanks and/or Piping)

Console Make and Model:		Weeder Root 350													
Item	Tank/Chamber #	1-1				1-2				1-3					
	Volume	12000				4000				4000					
	Product	RAW				SNL				Diesel					
		TANK		PIPE		TANK		PIPE		TANK		PIPE		TANK	PIPE
17	Electronic (E), Manual (M), or None (X)	E	E	E	E	E	E	E	E						
	Manual	P	F	P	F	P	F	P	F	P	F	P	F	P	F
18	Sump is accessible for inspections?														
19	Written log of sump checks maintained?														
	Electronic	P	F	P	F	P	F	P	F	P	F	P	F	P	F
20	Monitoring console is fully operational?	✓	✓	✓	✓	✓	✓	✓	✓						
21	Sensors are properly placed?	✓	✓	✓	✓	✓	✓	✓	✓						
22	Sensors are functioning properly?	✓	✓	✓	✓	✓	✓	✓	✓						
	All Systems	P	F	P	F	P	F	P	F	P	F	P	F	P	F
23	Sumps in liquid tight condition?	✓	✓	✓	✓	✓	✓	✓	✓						
24	No oil in sumps or interstitial space?	✓	✓	✓	✓	✓	✓	✓	✓						
25	No water in sumps or interstitial space?	✓	✓	✓	✓	✓	✓	✓	✓						
	PASS or FAIL?	✓	✓	✓	✓	✓	✓	✓	✓						

Comments: (Indicate all repairs made to bring facility into compliance)



AI Date:

**Interstitial Monitoring (Double-walled Tanks and/or Piping)**

Console Make and Model:		Veeva Root															
Item	Tank/Chamber #	3-1				3-2											
	Volume	10000				5000											
	Product	RNL				SNL											
		TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE		
17	Electronic (E), Manual (M), or None (X)	E		E													
	Manual	P	F	P	F	P	F	P	F	P	F	P	F	P	F		
18	Sump is accessible for inspections?																
19	Written log of sump checks maintained?																
	Electronic	P	F	P	F	P	F	P	F	P	F	P	F	P	F		
20	Monitoring console is fully operational?	X		X													
21	Sensors are properly placed?	X		X													
22	Sensors are functioning properly?	X		X													
	All Systems	P	F	P	F	P	F	P	F	P	F	P	F	P	F		
23	Sumps in liquid tight condition?																
24	No oil in sumps or interstitial space?	X		X													
25	No water in sumps or interstitial space?	X		X													
	PASS or FAIL?	P	F	P	F	P	F	P	F	P	F	P	F	P	F		
		X		X													

Comments: (Indicate all repairs made to bring facility into compliance)

No Sumps Section System Interstitial only



**Interstitial Monitoring (Double-walled Tanks and/or Piping)**

<b>Console Make and Model:</b>		Veeder Root TLS 350													
Item	Tank/Chamber #	10				11				12					
	Volume	15000				15000				15000					
	Product	Av-Gas				Jet-A				Jet-A					
		TANK	PIPE			TANK	PIPE			TANK	PIPE			TANK	PIPE
17	Electronic (E), Manual (M), or None (X)	E	E			E	E			E	E				
	Manual	P	F	P	F	P	F	P	F	P	F	P	F	P	F
18	Sump is accessible for inspections?														
19	Written log of sump checks maintained?														
	Electronic	P	F	P	F	P	F	P	F	P	F	P	F	P	F
20	Monitoring console is fully operational?	X		X		X		X		X		X			
21	Sensors are properly placed?	X		X		X		X		X		X			
22	Sensors are functioning properly?	X		X		X		X		X		X			
	All Systems	P	F	P	F	P	F	P	F	P	F	P	F	P	F
23	Sumps in liquid tight condition?	X		X		X		X		X		X			
24	No oil in sumps or interstitial space?	X		X		X		X		X		X			
25	No water in sumps or interstitial space?	X		X		X		X		X		X			
		P	F	P	F	P	F	P	F	P	F	P	F	P	F
	PASS or FAIL?	X		X		X		X		X		X			

**Comments:** (Indicate all repairs made to bring facility into compliance)

Indicator lamps at tank monitor faulty [Replaced]

Excess dirt/silt/debris located at all tank-top manholes [Removed excess to facilitate proper inspection]

It is highly recommended that spill containments located at dispenser cabinets be kept free of all liquids and debris at all times.

Transition sump sensors tested and functioning properly.



Reg #:

AI Date: 6/4/2013

**Overfill Prevention** (Devices must be compatible with fuel delivery method)

Item	Tank/Chamber # Pump Type	1 Suction							
		Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
35	Ball float (BF), Flapper (F), Electronic (E), Vent Whistle (W) or None (X)	BF							
36	Checked and working properly?	X							
37	Set at 95% of tank capacity? (Auto shut-off / flappers only)	X							
38	Set at 90% of tank capacity? (Ball floats, electronic & vent whistles)								
39	Vent whistle clearly audible from fill area? (Consumptive use heating oil only)								
<b>PASS or FAIL?</b>		X							

**Spill Buckets**

		Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
40	Lid in good condition?	X							
41	Lid not touching fill cap?	X							
42	Clean?	X							
43	Liquid tight?	X							
44	Fill cap and gasket in good condition?	X							
45	Drop tube? (gasoline/manual stick tanks)								
46	Ends within 6 inches of tank bottom? (gasoline)								
<b>PASS or FAIL?</b>		X							

**Stage 1 Vapor Recovery**

47	Two-Point (2), Manifold (M), Coaxial (C)						
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## UST Annual Inspection Report

Reg #:

AI Date:

6/27/2013

### Overfill Prevention *(Devices must be compatible with fuel delivery method)*

Item	Tank/Chamber # Pump Type	3-1 Suction							
		Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
35	Ball float (BF), Flapper (F), Electronic (E), Vent Whistle (W) or None (X)	W							
36	Checked and working properly?	X							
37	Set at 95% of tank capacity? <i>(Auto shut-off / flappers only)</i>								
38	Set at 90% of tank capacity? <i>(Ball floats, electronic &amp; vent whistles)</i>	O							
39	Vent whistle clearly audible from fill area? <i>(Consumptive use heating oil only)</i>	X							
<b>PASS or FAIL?</b>		X							

### Spill Buckets

		Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
40	Lid in good condition?	X							
41	Lid not touching fill cap?	X							
42	Clean?	X							
43	Liquid tight?	X							
44	Fill cap and gasket in good condition?	X							
45	Drop tube? (gasoline/manual stick tanks)								
46	Ends within 6 inches of tank bottom? <i>(gasoline)</i>								
<b>PASS or FAIL?</b>		X							



35	Ball float (BF), Flapper (F), Electronic (E), Vent Whistle (W) or None (X)	F		BF		BF		BF	
		Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
36	Checked and working properly?	X		X		X		X	
37	Set at 80% of tank capacity? (Auto shut-off / flappers only)	↓		↓		↓		↓	
38	Set at 90% of tank capacity? (Ball floats, electronic & vent whistles)	↓		↓		↓		↓	
39	Vent whistle clearly audible from fill area? (Consumptive use heating oil only)	↓		↓		↓		↓	
PASS or FAIL?		X		X		X		X	

**Spill Buckets**

		Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
40	Lid in good condition?	X		X		X		X	
41	Lid not touching fill cap?	↓		↓		↓		↓	
42	Clean?	↓		↓		↓		↓	
43	Liquid tight?	↓		↓		↓		↓	
44	Fill cap and gasket in good condition?	↓		↓		↓		↓	
45	Drop tube? (gasoline/manual stick tanks)	↓		↓		↓		↓	
46	Ends within 6 inches of tank bottom? (gasoline)	↓		↓		↓		↓	
PASS or FAIL?		X		X		X		X	

**Stage 1 Vapor Recovery**

47	Two-Point (2), Manifold (M), Coaxial (C)	2		2		2			
<b>Two-Point / Manifold</b>		Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
48	Access lid in good condition?	X		X		X			
49	Poppet cap & gasket in good condition?	X		X		X			
50	Poppet valve moves well & closes tight?	X		X		X			
<b>Coaxial</b>									
51	Coaxial drop tube in good condition?								
PASS or FAIL?		X		X		X			

Document all repairs (reference the Item #) made to bring facility into compliance in any Comments box with sufficient space.



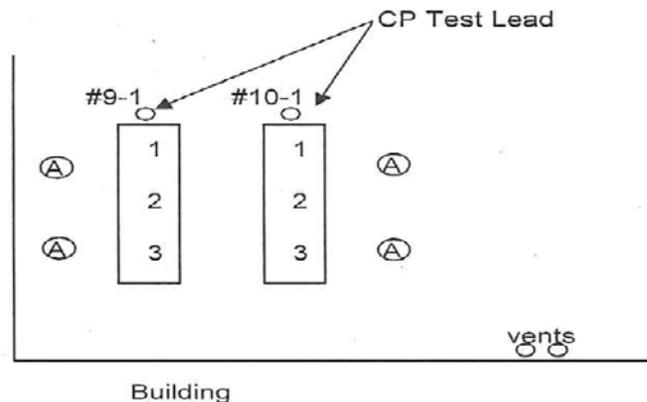
## CATHODIC PROTECTION TEST LOCATION RECORD

Facility name: Pioneer Plastics  
 Location: Pionite Rd., Auburn  
 Date of Test: 4/3/2014  
 Registration Number: 10807  
 Weather: Partly Cloudy  
 Temperature: 35°

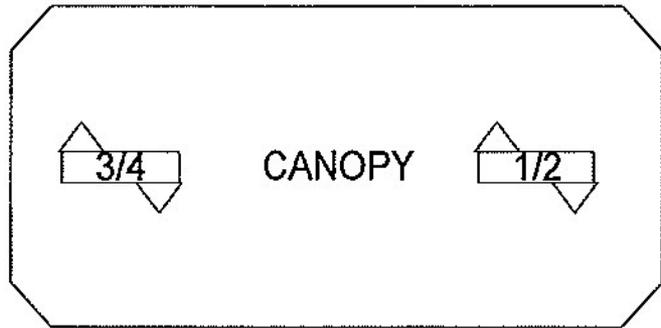
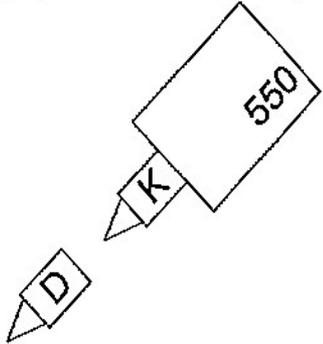
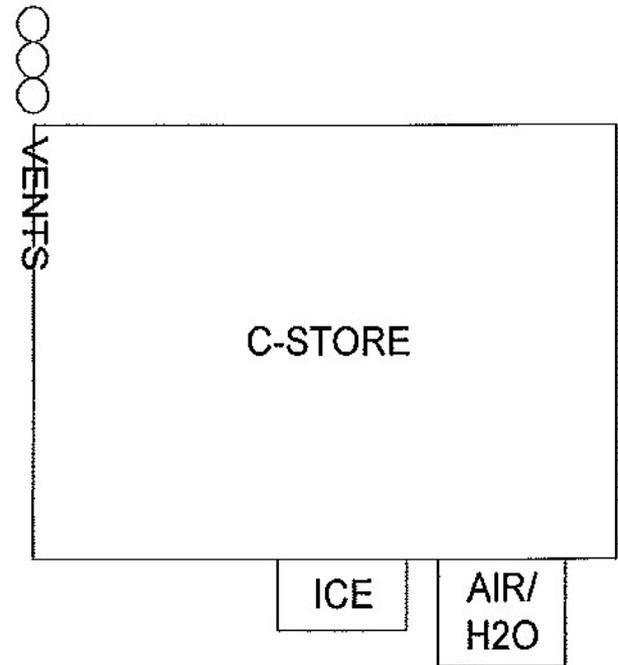
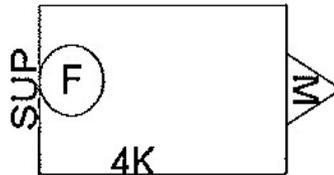
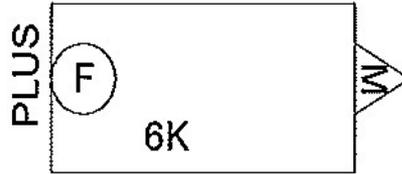
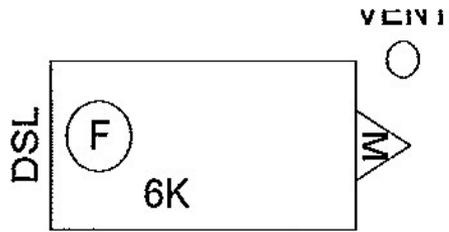
Tanks #9 & #10 - at reference cell location  
#2 & #3 drilled holes in concrete mats.

### Reference Cell Locations

Tank #10	volts
#1	-1.057
#2	-1.315
#3	-1.21
Tank #9	
#1	-1.092
#2	-1.432
#3	-1.444



\* (A) = Anode Location





**Are there any  
Questions?**

**Thank You!**





**Timothy Rector**

Maine DEP – Remediation & Waste Management

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