MassDEP UST Program

UST Third Party Inspection Report (TPIR) Form Questions

A. Registration, Notification, and Submittals

1. Did the Owner submit an UST systems registration to MassDEP? Yes No
2. For any tank installed on or after 10/1/2021, did the Owner submit to MassDEP? Yes No NA
   a. A copy of certifications from UST installer: (1) Certified Installer (2) Installation Cert/Statement Yes No
   b. A copy of as-built plans or scaled drawings? Yes No
3. If applicable, did the Owner or Operator submit to MassDEP (80.23(2)): Yes No NA
   a. Change-in-product notification? Yes No
   b. Tank temp out-of-service notification? Yes No
   c. Temp out-of-service tanks brought back into service notification? Yes No
   d. Tank removal notification? Yes No
   e. Closed-in-place notification? Yes No
   f. Assessment reports for tank removals (10/1/2021) and Closure in Place [80.23(3)] Yes No
   g. Source and cause of reportable releases? [80.23(3)] Yes No
4. Have the most recently required compliance certification forms been completed and submitted to MassDEP? Yes No

A. Registration - Owner/Operator

Is the registration data accurate and complete for:

5. The Legal Owner of the USTs? Yes No
6. The Owner Contact? Yes No
7. The Legal Operator of the USTs (if applicable)? Yes No NA
8. The Operator Contact? Yes No

A. Registration - Facility

Is the registration data, accurate, and complete for:

9. The Facility location? Yes No
10. The Facility type? Yes No

A. Registration – Financial Responsibility

Is the registration data, accurate and complete for: "answer for each tank/UST system"

11. Applicable financial responsibility instrument: Yes No
12. Effective period of coverage? Yes No
13. Name of issuer/holder? Yes No
14. Mechanism Number (if applicable)? Yes No
15. Per occurrence coverage? Yes No
16. Aggregate coverage? Yes No
17. Has the FR been assigned appropriately for the tank(s)? Yes No

A. Registration – UST System

Is the registration data accurate and complete for: (repeated for each tank)

18. Tank installation date? Yes No
19. FR instrument? Yes No
20. GPS coordinates? Yes No
21. Tank construction material? Yes No
22. Number of tank compartments? Yes No
23. Capacity of each compartment? Yes No

24. Product stored in each compartment? Yes No
25. Product used for? Yes No
26. Tank Status? Yes No
27. Piping and fittings construction material? Yes No
28. Piping description? Yes No
29. Turbine Sumps? Yes No
30. Intermediate Sumps? Yes No
31. Dispenser Sumps? Yes No
32. Spill Buckets? Yes No
33. Overfill Prevention Devices? Yes No
34. Tank Leak Detection System? Yes No
35. Piping Leak Detection System? Yes No
36. Automatic Line Leak Detection Equipment? Yes No
37. Tank Cathodic Protection System? Yes No
38. Piping Cathodic Protection System? Yes No
39. If there has been a change of product stored since the last TPI, is there a record of compliance with requirements of 310 CMR 80.41? Yes No
40. If there has been a change of tank status since the last TPI, is there a record of compliance with requirements of 310 CMR 80.42-310 CMR 80.47, as applicable, for each change of tank status?

B. A/B Operator Certification

1. Except as provided in 310 CMR 80.37(2), at the time of Third-Party Inspection, was a Class A, B or C **operator present**? Yes No
2. Is there a current list of Class A, B and C operators **designated** to each UST System? Yes No
3. Are all designated Class A, A/B, B and C Operators MassDEP **Certified** UST Class A, A/B, B or C Operators? Yes No

C. Tank and Piping: Installation and Design

Installation. **310 CMR 80.16**

1. Installed on/after Jan 2, 2015. Were any UST systems installed on or after Jan 2, 2015? Yes No

If yes, please answer the following:

Design Specs for Tanks. **310 CMR 80.17** ANSWER FOR EACH TANK

2. **Installed on/after Jan 1, 1989**. Was the tank installed on or after Jan 1, 1989? Yes No

3. **For Tanks Installed on/after Jan 1, 1989**, is the existing tank(s) one of the following required types? Yes No

If Yes, please identify the tank type:
a. Listed double-walled cathodically- protected metal tank
b. Listed double-walled fiberglass reinforced plastic tank
c. Listed doubled-walled composite tank
d. Listed double-walled jacketed steel tank
e. Listed tank no less protective, per 310 CMR 80.17(1)(e)

Design Specs for Piping. 310 CMR 80.18 ANSWER FOR EACH TANK

4. **Piping Systems**. Please identify the piping system for each tank (select one or more)
a. Pressurized piping
b. European suction
c. Non-European suction

5. <u>Was the piping installed between Jan 1, 1989, and Jan 2, 2015</u>? Yes No

If Yes, please identify the piping (one or more):
a. Non-corrodible material: single-walled with secondary containment, or double- walled piping
b. Cathodically protected metal: single-walled with secondary containment, or double-walled piping
c. European suction, non-corrodible material
d. European suction, cathodically protected metal

6. **<u>Was the piping installed on/after Jan 2, 2015?</u>** Yes No

If Yes, please identify the piping (one or more):
a. Double- walled, product compatible, non-corrodible material
b. Double-walled, product compatible, cathodically protected metal
c. European suction, product compatible, non-corrodible material
d. European suction, product compatible, cathodically protected metal, secondary containment if copper

D. Inspections, Response to Alarms and Current Conditions

1. **Periodic Visual Inspections**. Included per 10/1/2021 reg amendments. Are there records or logs showing compliance with the Periodic Inspections Requirements at 310 CMR 80.35 for leak detection equipment, spill buckets, sumps, and overfill protection; including identifying operational or maintenance issues, and making repairs as required. 310 CMR 80.35(1) through (7). Yes No

2. **Repair/Replacement**. For UST components that were not properly operating or maintained, are there records of component repair or replacement in accordance with 310 CMR 80.33? Yes No NA

3. **Inspections of Single-Walled Lined Tanks**. For single walled tanks lined on or before Jan 2, 2015, are there records showing compliance with internal inspection requirements per 310 CMR 80.24(6)(a) and (b)? This includes an inspection deadline of 10/1/2022 and every 5 years thereafter. Yes No NA

4. **Electrical Equipment**. Are all electrical equipment, components and alarms activated and in working condition? 310 CMR 80.24(2).

5. Activated Alarms. Are there indications of prior or currently activated UST system alarms that may indicate the presence of a leakage or release (including in-tank overfill alarms and high- level alarms?) 310 CMR 80.24(3). Yes No

6. Response to Alarms. Are there reports or logs showing response to every UST system alarm that may indicate the presence of a leakage or release? Yes No

6. a. Do the reports or logs include the date, cause and any corrective actions taken? [CMR 80.24(3) and 310 CMR 80.36] Yes No

7. Other Observations. Are there any observations, including visual or olfactory observations, that may indicate the presence of a leakage or release? 310 CMR 80.47(7)a.14. Yes No

8. **TOS Requirements**. If any of the UST systems are temporarily out-of-service, are they being maintained in accordance with the requirements listed below? 310 CMR 80.42. Yes No NA

a. Removal of all solid and liquid material, render tank inert
b. Cap, lock, and secure all fill lines and fill pipes against tampering
c. Vent lines kept open and operable
d. Operate and maintain cathodic protection per 310 CMR 80.29, if applicable
e. TPI inspections every 3 years
f. Submit Compliance Certification to MassDEP
g. Maintain Financial Responsibility

9. Permanent Closure. If any of the UST systems were removed or closed in-place, did the Owner or Operator comply with 310 CMR 80.43, including the following? Yes No NA 10/1/2021 reg amendment requires TPIR form to include compliance status of tank removal actions.

a. Removal and proper management of tank contents
b. Conducting environmental assessment
c. Notifying MassDEP
d. Submittal of required documentation to MassDEP
e. Maintaining records

E. Spill Buckets

1. Is each product fill pipe equipped with a spill bucket? Yes No 2. Is each spill bucket clean and free of solid and liquid material? Yes No
3. Is each spill bucket and cover free of cracks and holes? Yes No
4. Are there records that each spill bucket was periodically integrity tested on or before 10/13/22? Please note: testing is required once every 3 years on or after 10/14/22. 310 CMR 80.28(2)f Yes No
   a. If no, is there documentation to show the spill bucket is exempt from testing? Yes No
   b. What is the date of the most recent periodic integrity test?

5. If the spill bucket(s) failed the test, are there records of a repair or replacement? Yes No NA
6. If the spill bucket was repaired or replaced, are there records to show it passed an integrity test?) Yes No NA
   a. If no, are the spill buckets exempt from testing after repair? Yes No

F. Over-fill Prevention

1. Is each UST system equipped with an overfill prevention device? Yes No
2. For each tank equipped with an over-fill prevention device: What type of primary overfill device has been installed?

   a. Automatic shut-off
   b. B. Ball float valve
   c. C. Device that triggers a high-level alarm

3. For each tank: are any new or replacement ball float valves being used as a primary overfill prevention device? Yes No
4. Is each automatic shut-off device, high- level alarm and ball float correctly installed and fully operational? Yes No
5. Are there records that each overfill prevention device was tested annually? Yes No
6. What is the date of the most recent over-fill device annual test?
7. If an overfill prevention device failed a test, are there records of repair or replacement? 80.28(3)(b) Yes No NA
8. If the overfill prevention device was repaired or replaced, are there records that show it was tested to indicate that it will activate at the correct level? Yes No NA

G. Sumps

Answer for each tank system:

1. Were any product dispensers installed, repaired or replaced between 3/21/2008 and 9/30/2021? Yes No
   1.a. If yes, is each dispenser equipped with a sump that is continuously monitored for liquids using a sump sensor? Yes No
   1.a.(1). If no, was there a repair or replacement of only the dispenser due to damage or malfunction? Yes No 310 CMR 80.20(1)(b)
   1.a.(1).a If yes, was there any replacement of both the product dispenser and PIPING used to connect the dispenser to the tank? Yes No. 310 CMR 80.20 (1)(b)

2. Were any product dispensers installed, repaired or replaced on/after 10/1/2021? Yes No NA

2. a. If yes, is each dispenser equipped with a sump that is continuously monitored for liquids using a sump sensor? Yes No

2.a.(1) If no, was there a repair or replacement of only the dispenser due to damage or malfunction? Yes No 310 CMR 80.20(1)(a)

2.a.(1).a. If yes, was there any replacement of both the product dispenser and dispenser COMPONENTS used to connect the dispenser to the tank piping ? Yes No 310 CMR 80.20 (1)(a)

3. Does the facility have submersible pumps? Yes No NA

3. a. If yes, is each pump contained in a turbine sump? Yes No 310 CMR 80.20(2) and 310 CMR 80.20(4)

4. Does the facility have sumps that were installed after 3/21/08? Yes No NA

4.a. If yes, are the sumps continuously monitored for liquids using a sump sensor? Yes No

5. Are all sumps clean and free of solid and liquid material? Yes No 310 CMR 80.27(2).

6. Are all sump sensors placed in accordance with manufacturer's specification or at the lowest possible location in the sump? Yes No 310 CMR 80.27(3)

7. Do all sump manhole covers impede water infiltration to the sump? Yes No 310 CMR 80.27(4)

8. Are all sump covers free of cracks and holes? Yes No 310 CMR 80.27(4)

9. Are there records that each sump was integrity tested on or before 10/13/22? Please note: testing is required once every three years, on or after 10/14/22. Yes No NA 310 CMR 80.27(7) and 80.36(1)a.

9.a. If not, are the sumps that were not tested exempt from testing? 310 CMR 80.27(8) Yes No

10. What is the date of the most recent periodic sump integrity test? 310 CMR 80.27(7)

11. If the sump(s) failed the test, are there records of a repair or replacement? Yes No NA 310 CMR 80,36(1)i.

12. If the sump(s) was repaired or replaced, are there records to show it passed an integrity test? Yes No NA 310 CMR 80.27(9)a.

12.a. If no, are the sumps exempt from testing after repair? 310 CMR 80.27(9)(c) Yes No

13. Are sumps in good operating condition –for example, do they appear to be liquid tight, free from cracks, holes or other damage; free from corrosion, breakage and wear; are piping boots (that seal the piping to the containment sump) in-tact and functioning? 310 CMR 80.27(~~6~~) and 310 CMR 80.35. Yes No

H. Cathodic Protection

1. Is each UST System protected from corrosion or constructed of non-corrosive material? Yes No

2. For field-constructed cathodic protection systems, installed after 1/2/2015, does the Owner or Operator have as-built scaled plans? 80.22(4)(c) Yes No NA

Sacrificial or Galvanic Anode Systems

3. Are there any sacrificial or galvanic anode systems installed? Yes No

If yes, please answer the following questions:

3.(a) Are there records that show the systems are tested at the required frequency? (80.29(2)). Yes No

3.(b) In response to failed tests, does the Owner or Operator have records to document the corrosion expert's determination? Yes No NA

3.(c) If the cathodic protection systems were repaired, are there records to show they were **retested within 60 days** of repair or excavation of the UST system? Yes No NA

Impressed Current Systems

4. Are there any impressed current systems installed? Yes No

If yes, please answer the following questions:

4. (a) Is the system equipped with a voltage and/or amperage meter? Yes No 310 CMR 80.29(4)(c)

4. (b) Is the system "on" and the system operating within acceptable ranges? Yes No

4. (c) Are there records showing that the systems were tested annually by a cathodic protection tester? Yes No

4. (d.) Are there records to show that the systems were inspected every 60 days? Yes No

4. (e). In response to failed tests, does the Owner or Operator have records to document the corrosion expert's determination? Yes No NA 310 CMR 80.29(5) and 310 CMR 80.29(7)
4. (f). If the cathodic protection systems were repaired, are there records to show they were retested within 60 days of repair of the UST system or any UST excavation activities? Yes No NA

I. Tank Leak Detection – Design Requirements 310 CMR 80.19

1. Tanks installed before Jan 1, 1989 (except emergency engine tanks) is the tank equipped with at least one of the following leak detection methods? 310 CMR 90.19(3)(b)1. through 4: Yes No N/A .

If yes, please identify the tank leak detection method(s) in use:

a) Continuous Monitoring of Interstitial Space
b) In-tank Monitoring (tests tank at least once per month)
c) Continuous in-tank Monitoring
d) In-tank Monitoring with Statistical Inventory Reconciliation (SIR)

2. Tanks Installed on or after Jan 1, 1989 (except emergency engine tanks) is the tank equipped with a system to continuously monitor interstitial space? 310 CMR 80.19(3)(a). Yes No NA

3. Emergency Engine tanks installed on or after Jan 2, 2015: is the tank equipped with a system to continuously monitor interstitial space? 310 CMR 80.19(3)(a). Yes No NA

4. Field-constructed tank with a capacity > 50,000 gals: Are one of the following methods being used? 310 CMR 80.19(3)(d) 1. through 4 - Yes No NA

If Yes, please identify the method in use:

a) Annual bulk tightness test (LD rate 0.5 gal/hr)
b) In-tank monitor (leak detection test at least 30 days LD rate = 1.0 gal/hr) plus bulk tightness test (=0.2 gal/hr) conducted at least every 3 years.
c) In-tank monitor (leak detection test at least 30 days LD rate = 2.0 gal/hr) plus bulk tightness test (=0.2 gal/hr) conducted at least every 2 years.
d) Inventory control (per DOD Directive 4140.25 ATA Airport Fuel Facility guidance manual, or equivalent procedures) at least every 30 days LD rate of 0.5% of flow through; and at least every 2 years conduct tank tightness test (LD rate of 0.5 gal/hr).

I. Tank Leak Detection: Operating Requirements 310 CMR 80.26

Please identify the applicable leak detection method(s) in use:

1. Continuous Interstitial Space Monitoring System Yes No
2. In-Tank Monitoring System Yes No
3. Continuous In-Tank Detection System Yes No
4. In-Tank Monitoring Systems with SIR Yes No
5. Field Constructed Tanks (>50,000 gals) using Annual Bulk Tank Tightness Test Yes No
6. Field Constructed Tanks (>50,000 gals) using In-Tank Monitor (3- year bulk tank test cycle) Yes No
7. Field Constructed Tanks (>50,000 gals) using In-Tank Monitor (two 2- year bulk tank test cycle) Yes No
8. Field Constructed Tanks (>50,000G) using inventory control (eff. 10/1/22) Yes No
9. Daily Inventory Monitoring System for Single- and Double-Walled Tanks w/o Continuous Monitoring Yes No
10. Manual Tank Gauging for Small Tanks <1,000G Yes No

J. Tank Leak Detection: Operating Requirements –Continuous Interstitial Space Monitoring System

1. Inspection and Testing**.** As of 10/1/22, are there records that the continuous interstitial space monitoring systems were inspected and tested annually in accordance with 310 CMR 80.26(2)? Yes No -

1.a. If yes, what was the date of the most recent inspection and test?

2. Repair/Replace. If the inspection results indicate the need for repair or replacement, are there records of those repairs/replacement? 80.26(2)(e) and (f). Yes No NA

3. Investigating a Leakage or Release. As of 10/1/21, if the system indicated there was a leakage or a release, are there records of an investigation? 80.26(3)(e) Yes No NA

4. Monthly Liquid Status Report. As of 10/1/21, are there records of monthly liquid status reports? 310 CMR 80.26(3)(e) - Yes No

5. Testing after Repair/Replace. Are there records that repaired or replaced components passed a test to determine operability prior to the system being returned to service? - change citation to 310 CMR 80.26(12) Yes No

K. Tank Leak Detection: Operating Requirements - In-Tank Monitoring System

1. Inspection and Testing. As of 10/1/22, are there records that the in-tank monitoring systems were inspected and tested annually in accordance with 310 CMR 80.26(2)? Yes No

1.a. If yes, What was the most recent date of annual inspection and testing?

2. Repair/Replace. If inspection results indicated the need for repair or replacement, are there records of those repairs/replacement? 80.26(2)(e) and (f). Yes No NA

3. Monthly Tests. As of 10/1/21, are there records of passing monthly tests? 80.26(4)(c) Yes No

4. Tightness Test. If there are not records of passing monthly tests, are there records of tightness tests? Yes No NA

5. Testing after Repair/Replace. Are there records that repaired or replaced components passed a test to determine operability prior to the system being returned to service? 80.26(12) Yes No NA

L. Tank Leak Detection: Operating Requirements - Continuous In-Tank Detection System

1. Inspection and Testing. As of 10/1/22, are there records that the in-tank monitoring systems were inspected and tested annually in accordance with 310 CMR 80.26(2)? Yes No - add 310 CMR 80.26(2) citation

1.a. If yes, what was the date of the most recent inspection and test?

2. Repair/Replacement. If the inspection results indicate the need for repair or replacement, are there records of those repairs/replacement? 310 CMR 80.26(2)(e) and (f) Yes No NA –

3. Monthly Analyses. Are there records of all monthly tests**?** (310 CMR 80.26(5)f) Yes No

4. Investigations. Are there records of all investigations? (310 CMR 80.26(5)f) Yes No NA

5. Tightness Test. Was there an indication of a release or leakage per 310 CMR 80.26(5)c. Yes No

(a) If yes, was a tightness test conducted? Yes No

(b) If yes, was it conducted within 72 hours? Yes No

6. Failed Tightness Test. If there are records of failed tightness tests, are there records of compliance with the requirements of 310 CMR 80.32(3)? Yes No NA

7. Testing after Repair/Replace. Are there records that repaired or replaced components passed a test to determine operability prior to the system being returned to service? 80.26(12) Yes No NA

M. Tank Leak Detection: Operating Requirements -- In-Tank Monitoring Systems with SIR

1. Inspection and Testing. As of 10/1/22, are there records that the in-tank monitoring systems were inspected and tested annually in accordance with 310 CMR 80.26(2)? Yes No

1.a. If yes, what was the date of the most recent inspection and test?

2. Repair/Replacement. If the inspection results indicate the need for repair or replacement, are there records of those repairs/replacement? fix citations to 310 CMR 80.26(2)(e) and (f). Yes No NA

3. Monthly Analyses. Are there records of monthly SIR analyses? 310 CMR 80.26(6)(a). Yes No

4. Tightness Test. If any of the SIR analyses conclusively identified a release or leakage, are there records of tightness tests? 310 CMR 80.26(c). Yes No NA

5. Failed Tightness Test. If there are records of failed tightness tests, are there records of compliance with the requirements of 310 CMR 80.32(3)? Yes No NA

6. Investigation. If any of the SIR analyses were inconclusive, are there records of investigations into whether there was a release or leakage? Yes No NA

7. Testing after Repair/Replace. Are there records that repaired or replaced components passed a test to determine operability prior to the system being returned to service? 310 CMR 80.26(12). Yes No NA

N. Tank Leak Detection: Field Constructed Tanks (>50,000 gals) using Annual Bulk Tank Tightness Test

1. Annual Tests. Are there records of annual bulk tightness tests (LD rate of at least 0.5 gal/hour)? 310 CMR 80.19(3)(d) and 310 CMR 80.36. Yes No

1.a. If yes, what was the date of the most recent inspection and test?

2. Failed Tests. If there are records of failed test(s) are there records of compliance with the applicable requirements of 310 CMR 80.32(3)? Yes No NA

O. Tank Leak Detection: Field Constructed Tanks (>50,000 gals) using In-Tank Monitor (3- year bulk tank test cycle)

1. Monthly Tests. Are there records of monthly leak detection tests? Yes No

2. Failed Tests. If there are records of failed monthly leak detection or failed bulk 3-year tank test(s) are there records of compliance with the applicable requirements of 310 CMR 80.32(3)? Yes No NA

P. Field Constructed Tanks (>50,000 gals) using In-Tank Monitor (two 2- year bulk tank test cycle)

1. Monthly Tests. Are there records of monthly leak detection tests? Yes No

2. Failed Tests. If there are records of failed test(s) are there records of compliance with the applicable requirements of 310 CMR 80.32(3)? Yes No NA

Q. Field Constructed Tanks (>50,000G) using inventory control (eff. 10/1/22)

1. Are there records of monthly inventory control? Yes No

2. If there are records of failed test(s) are there records of compliance with the applicable requirements of 310 CMR 80.32(3)? Yes No NA

3. Are there records of tank tightness tests conducted every two years? Yes No

4. If there are records of failed test(s) are there records of compliance with the applicable requirements of 310 CMR 80.32(3)? Yes No NA

R. Daily Inventory Monitoring System for Single- and Double-Walled Tanks w/o Continuous Monitoring

1. Are any of the tanks singled walled without continuous monitoring? Yes No NA

(a) If Yes, is daily inventory monitoring being conducted? Note: this is an additional required LD method for this type of tank system. Yes No

If yes, answer the questions in this section:

2. Daily Measurements. Are there records of all daily measurements and monthly reconciliation? Yes No

3. Failed Tests. As a result of failed tightness tests, are there records of compliance with 310 CMR 80.32(3)? Yes No NA

4. Abnormal Water Gain. Are there records of abnormal water gain measurements being taken once every 24 hours (daily)? Yes No NA

S. Manual Tank Gauging for Small Tanks <1,000G

1. Weekly Tank Gauging. Are there records of manual tank gauging being correctly taken and recorded every 7 days? Yes No

2. Failed Tests. For UST systems that failed a tightness test, are there records of compliance with 310 CMR 80.32(3)? Yes No NA

3. Abnormal Water Gain. Are there records of abnormal water gain measurements being taken once every 24 hours (daily)? Yes No NA

T. Piping Leak Detection (LD)

1. Was the piping installed before Jan 1, 1989?
2. Was the piping installed on or after January 1, 1989, and prior to May 28, 1999?
3. Was the piping installed on or after May 28, 1999?

Piping LD for UST systems Installed Before Jan 1, 1989

1. Are one of the following required piping leak detection systems being used? (Does not apply to European suction systems and SW piping between tanks). Yes No NA

2. If Yes, identify the system in use:
   a. Continuous monitoring of interstitial space
   b. Quarterly visual inspections of secondary containment ports (sumps are not containment ports) and annual tightness testing of product piping lines
   c. In-tank monitoring w/SIR
   d. Annual Piping Tightness Test: for Single Walled Piping with Pressurized Piping Systems (installed before Jan 1, 1989)
   e. Annual Piping Tightness Test: for Single Walled gravity system (installed before Jan 1, 1989)
   f. Annual Piping Tightness Test: Non-European suction System w/out secondary containment (installed before Jan 1, 1989).

3. **Quarterly Visual Inspection of Secondary Containment Port and Annual Tightness Testing**. Is the "Quarterly Visual Inspection of Secondary Containment Port and Annual Tightness Testing" method in use? (Note: a sump is not a secondary containment port.) Yes No

If yes, please answer the following questions:

a. Are there records of quarterly visual inspections? Yes No
b. Are there records of annual tightness tests? Yes No
b.1. If yes, what was the date of the most recent test?

c. If there are failed tightness tests, are there records showing tester notified owner, operator and local Fire Department within 24 hours; and owner complied with response requirements? 310 CMR 80.32(3) Yes No NA
d. Are there records that repaired or replaced components passed a test to determine it was operational before the system was returned to service? Yes No NA

4. **Annual Piping/Line Tightness Test**. Is this method in use? Yes No

If yes, please answer the following questions:

a. Are there records of annual tightness test results in accordance with 310 CMR 80.26(10)(a)? Yes No NA
4.(a).1. If yes, what was the date of the most recent inspection and test?

b. If there are failed piping/line tightness tests, are there records to show certified tester notified the owner, operator and local fire department no later than 24 hours and that the owner or operator complied with the response requirements? 310 CMR 80.32.(3). Yes No NA

c. Are there records that repaired or replaced components passed a test to determine operability prior to the system being returned to service? 310 CMR 80.26(12). Yes No NA

Piping LD for UST systems Installed on or after Jan 1, 1989, and before May 28, 1999

1. Are one of the following required primary systems being used? (Does not apply to European suction systems and SW piping between tanks). Yes No

2. If yes, select the system in use:
(a). Continuous monitoring of interstitial space
(b). Quarterly visual inspections of secondary containment ports and annual tightness testing of product piping lines. (Note: a sump is not a secondary containment port.)
(c). In-tank monitoring w/SIR

3. **Quarterly Visual Inspection of Secondary Containment Port and Annual Tightness Testing.** [Note: a sump is not a secondary containment port.] Is this leak detection method in use? Yes No

If yes, please answer the following questions:
(a). Are there records of quarterly visual inspections? Yes No 310 CMR 80.19(4)(b)(1)(b), 310 CMR 80.32
(b). Are there records of annual tightness tests? Yes No 310 CMR 80.19(4)(b)(1)(b), 310 CMR 80.32
b.1. If yes, what was the date of the most recent inspection and test?
(c). If there are **failed tightness tests**, are there records showing tester notified owner, operator and local Fire Department within 24 hours; and owner complied with response requirements? 310 CMR 80.32(3) Yes No NA
(d). Are there records that repaired or replaced components passed a test to determine it was operational before the system was returned to service? Yes No NA 310 CMR 80.26(12), 310 CMR 80.36

Piping LD for UST Systems Installed on or after May 28, 1999

1. Is the following required primary system being used? (Does not apply to European suction systems and SW piping between tanks): **Continuous monitoring of interstitial space**- equipment includes sumps and sump sensors. Yes No NA

U. Automatic Line Leak Detection Equipment

1. Are there any pressurized piping systems? Yes No

If yes, please answer the questions in this section.

2. Do the pressurized piping systems have an automatic line leak detector? Yes No NA

2.a. If no automatic line leak detector, is the UST facility staffed 24 hours a day, 7 days a week and does it have a continuous alarm that alerts staff when there is regulated substance loss or pressure loss in the line? Yes No

3. As of 10/1/22, are there records that the automatic line leak detectors were tested annually in accordance with 310 CMR 80.26(2)(c)? Yes No

4. What is the most recent date of an annual automatic line leak detector test?

5. If the test results indicated the need for repair or replacement, are there records of those repairs/replacement? 310 CMR 80.26(2)(e) and (f)? Yes No NA

6. Are there records that repaired or replaced components passed a test to determine operability prior to the system being returned to service? 310 CMR 80.26(12) Yes No NA

V. Financial Responsibility: Overview

1. Is the UST facility required to have financial responsibility? Yes No If yes, answer the questions in this section.
2. Are all USTs systems covered by a financial responsibility mechanism? Yes No
3. Are all Financial Responsibility mechanisms currently in effect? Yes No
4. Does the Financial Responsibility mechanism show the applicable minimum per occurrence and aggregate coverage requirements? Yes No

Underground Storage Tank Petroleum Product Cleanup Fund (21J Program)

5. Underground Storage Tank Petroleum Product Cleanup Fund (21J Program)? Yes No NA
a. **Copy of current Certificate of Compliance** in accordance with 310 CMR 80.59(2)(a). Yes No
b. Signed **certification of Financial Responsibility** in accordance with 310 CMR 80.59(3). Yes No

Commercial Insurance

6. Commercial Insurance? Yes No NA
a. Copy of the signed insurance coverage policy, with the endorsement or certificate of insurance and any amendments to the agreements in accordance with 310 CMR 80.59(2)(b). Yes No
b. Signed **certification of Financial Responsibility** in accordance with 310 CMR 80.59(3). Yes No

Financial Test of Self Insurance

7.Financial Test of Self Insurance (In accordance with 310 CMR 80.59(2)(j))? Yes No NA

a. For the most recently complete financial reporting year, CFO's letter based on year-end financial statements. 310 CMR 80.59(2)(j) Yes No
b. For the most recently complete financial reporting year, Year-end financial statements on which the financial test is based. Yes No
c. Signed certification of Financial Responsibility in accordance with 310 CMR 80.59(3). Yes No

Guarantee

8. Guarantee (In accordance with 310 CMR 80.59(2)(k))? Yes No NA
a. CFO's letter based on year-end financial statements for the most recent complete financial reporting year. 310 CMR 80.59(3) and 310 CMR80.59(2)(k)(1) Yes No
b. Copy of current signed standby trust fund agreement and any amendments, accompanied by certification of acknowledgement in accordance with 310 CMR 80.55(3). Yes No
c. Signed certification of Financial Responsibility in accordance with 310 CMR 80.59(3) Yes No

Risk Retention Group Coverage

9. Risk Retention Group Coverage? Yes No NA
a. Copy of the signed risk retention group coverage policy, with the endorsement or certificate of insurance and any amendments to the agreements in accordance with 310 CMR 80.59(2)(b). Yes No
b. Signed certification of Financial Responsibility in accordance with 310 CMR 80.59(3). Yes No

Surety Bond

10. A. Surety Bond (In accordance with 310 CMR 80.59(2)(c))? Yes No NA
a. Copy of the surety bond and any amendments. Yes No
b. Copy of current signed standby trust fund agreement and any amendments, accompanied by certification of acknowledgement in accordance with 310 CMR 80.55(3). Yes No
c. Signed certification of Financial Responsibility in accordance with 310 CMR 80.59(3). Yes No

Irrevocable Standby Letter of Credit

11. Irrevocable Standby Letter of Credit (In accordance with 310 CMR 80.59(2)(d))? Yes No NA
a. Copy of current letter of credit and any amendments. Yes No
b. Copy of current signed standby trust fund agreement and any amendments, accompanied certification of acknowledgement in accordance with 310 CMR 80.55(3). Yes No
c. Signed certification of Financial Responsibility in accordance with 310 CMR 80.59(3). Yes No

Local Government Financial Test of Insurance

12. Local Government Financial Test of Insurance (In accordance with 310 CMR 80.59(2)(h))? Yes No NA
a. CFO's letter based on year-end financial statements for the most recent complete financial reporting year. Yes No
b. Signed certification of Financial Responsibility in accordance with 310 CMR 80.59(3). Yes No

Local Government Guarantee

13. Local Government Guarantee (In accordance with 310 CMR 80.59(i))? Yes No NA
a. (When supported by a local government financial test) CFO's letter based on year-end financial statements for the most recent complete financial reporting year. Yes No
b. (When guarantee is supported by a standby trust) Copy of current signed standby trust fund agreement and any amendments, accompanied by certification of acknowledgement in accordance with 310 CMR 80.55(3). Yes No
c. (Where the guarantor's demonstration of financial responsibility relies on the local government's bond rating) a copy of the guarantor's bond rating published within the last 12 months by Moody's or Standard & Poor's. Yes No
d. (When using a local government guarantee supported by the local government fund) a copy of guarantor's year-end financial statements for the most recent completed financial reporting year showing the amount of the fund.
e. Signed certification of Financial Responsibility in accordance with 310 CMR 80.59(3). Yes No

Local Government Bond Rating Test

14. Local Government Bond Rating Test (In accordance with 310 CMR 80.59(2)(f))? Yes No NA
a. A copy of local government's bond rating published within the last 12 months by Moody's or Standard & Poor's. Yes No
b. A copy of the letter signed by the CFO in accordance with 310 CMR 80.54(6)(e). Yes No
c. Signed certification of Financial Responsibility in accordance with 310 CMR 80.59(3). Yes No

Local Government Fund

15. Local Government Fund (In accordance with 310 CMR 80.59(2)(g))? Yes No NA
a. A copy of the state constitutional provision or local government statute, charter, ordinance, or order dedicating the fund. Yes No
b. A copy of the signed letter by the CFO in accordance with 310 CMR 80.54(7)(d). Yes No
c. Year-end financial statements for the most recent completed financial reporting year showing the amount in the fund. If the fund is using incremental funding backed by bonding authority, the financial statements must show the previous year's balance, the amount of funding during the year and the closing balance of the fund). Yes No
d. (Where the fund is established using incremental funding backed by bonding authority) documentation or the required bonding authority, including either the results of a voter referendum or attestation by the State Attorney General. Yes No
e. Signed certification of Financial Responsibility in accordance with 310 CMR 80.59(3) Yes No

W. Emergency Procedure Requirements

1. Is there **signage** at the UST facility in accordance with 310 CMR 80.25(1) that indicates what steps to follow in an emergency?
2. Is there a **written** Emergency Response **Procedure** in accordance with 310 CMR 80.23(2) for how employees and contractors should respond in an emergency?

Certification

I attest under the penalties of law: (i) that I am a certified third-party inspector in compliance with 310 CMR 80.49(4); (ii) that I personally performed this inspection of the UST facility in accordance with the 310 CMR 80.49(7), and having fully completed this report, believe the contents of this report and all attachments to be true and accurate as of the time of the inspection; and (iii) that all the information provided to me by the Owner and Operator necessary to complete this report is, to the best of my knowledge, true, accurate, and complete. I am aware that there are significant penalties including, but not limited to, possible fines and imprisonment for submitting false, inaccurate, or incomplete information.