UST-6D/23A

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Triennial UST Spill Bucket Integrity Testing

(Hydrostatic/Vacuum Test)

- If any periodic test fails, a suspected release report must be submitted on a UST-17A form, *UST Suspected Release 24 Hour Notice.* The suspected release must be investigated, in accordance with 15A NCAC 2N .0603, and defective equipment repaired or replaced in accordance with 15A NCAC 2N .0404/.0900. Results of the investigation must be submitted on a UST-17B form, *UST Suspected Release 7 Day Notice.*
- The primary containment and interstitial space of the spill bucket shall be tested in accordance with the manufacturer's written guidelines, PEI/RP100 "Recommended Practices for Installation of Underground Liquid Storage Systems" and/or PEI/RP1200 "Recommended Practices for the Testing and Verification of Spill, Overfill, Leak Detection and Secondary Containment Equipment at UST Facilities."
- The primary and secondary walls are both considered to be tested at the same time if vacuum is used to test the interstice.

UST FACILITY

Owner / Operator Name	Facility Name	Facility ID
Facility Street Address	Facility City	County

TESTING CONTRACTOR INFORMATION

Company Name	Phone	Email address

I certify, under penalty of law, that the testing data provided on this form documents the UST system equipment was tested in accordance with the manufacturer's guidelines and the applicable national industry standards listed in 15A NCAC 2N .406 and/or 15A NCAC 2N .0900.

Print Name of person conducting inspection	Signature of person conducting inspection	Test Date

Identify Spill Bucket *(By Tank Number, Stored Product, etc.)*	Tank #	Tank #	Tank #	Tank #	Tank #
Tank Size					
Product					
Indicate units for all measurements					
Bucket Manufacturer/Model					
Bucket Depth					
Construction	☐ SW ☐ DW	☐ SW ☐ DW	☐ SW ☐ DW	☐ SW ☐ DW	☐ SW ☐ DW
Bucket Installation Type	☐ Direct Bury ☐ Direct Bury w/Liner ☐ Containment sump	☐ Direct Bury ☐ Direct Bury w/Liner ☐ Containment sump	☐ Direct Bury ☐ Direct Bury w/Liner ☐ Containment sump	☐ Direct Bury ☐ Direct Bury w/Liner ☐ Containment sump	☐ Direct Bury ☐ Direct Bury w/Liner ☐ Containment sump
Test Type	☐ Hydrostatic ☐ Vacuum	☐ Hydrostatic ☐ Vacuum	☐ Hydrostatic ☐ Vacuum	☐ Hydrostatic ☐ Vacuum	☐ Hydrostatic ☐ Vacuum
Liquid and debris removed from spill bucket?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Visual inspection (No cracks, loose parts or separation of the bucket from the fill pipe.)	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail
Tank riser cap included in test?	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No ☐ N/A
Drain valve included in test?	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No ☐ N/A
Wait time between applying vacuum/water and start of test					
Primary Section Test **Hydrostatic: Water level must be within 1.5 inches of top of bucket** **Vacuum: Apply vacuum of 30 inches WC**					
Begin / End Test Time					
Begin / End Reading					
Secondary Interstice Test **Vacuum: Apply vacuum of 15 inches WC** Gauge Range (with units):					
Begin / End Test Time					
Begin / End Reading					
Test Results	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**

Pass/fail criteria: Must pass visual inspection. Pass if: Hydrostatic: Water level drop of less than 1/8 inch in 1 hour; Vacuum single-walled only: Maintain at least 26 inches water column for 1 minute; Vacuum double-walled: Maintain at least 12 inches water column for 1 minute

Comments - *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Date next Spill Bucket integrity test due (required every 3 years)

Triennial UST Spill Bucket Integrity Testing
(Dri-sump® Test)

- If any periodic test fails, a suspected release report must be submitted on a UST-17A form, *UST Suspected Release 24 Hour Notice.* The suspected release must be investigated, in accordance with 15A NCAC 2N .0603, and defective equipment repaired or replaced in accordance with 15A NCAC 2N .0404/.0900. Results of the investigation must be submitted on a UST-17B form, *UST Suspected Release 7 Day Notice.*
- Single wall spill buckets not located within a containment sump can use the Dri-sump® testing method. If a spill bucket is located within a containment sump then a hydrostatic or vacuum test would need to be performed on the spill bucket. If the spill bucket is required to be double-walled, then the Dri-sump® testing method can be used to test the containment sump. Complete page 3 of the UST-23B form to document those results.

UST FACILITY

Owner / Operator Name	Facility Name	Facility ID
Facility Street Address	**Facility City**	**County**

TESTING CONTRACTOR INFORMATION

Company Name	Phone	Email address

I certify, under penalty of law, that the testing data provided on this form documents the UST system equipment was checked in accordance with the manufacturer's guidelines and the applicable national industry standards listed in 15A NCAC 2N .406 and/or 15A NCAC 2N .0900, or another method approved by NC DEQ.

Print Name of person conducting inspection	Signature of person conducting inspection	Test Date
Tester Certification #:	Equipment Certification #:	
Tester Certification Expiration:	Equipment Certification Expiration:	

Identify Spill Bucket *(By Tank Number, Stored Product, etc.)*	Tank #	Tank #	Tank #	Tank #	Tank #
Tank Size					
Product					
Bucket Manufacturer/Model					
Construction	☐ SW ☐ DW	☐ SW ☐ DW	☐ SW ☐ DW	☐ SW ☐ DW	☐ SW ☐ DW
Bucket Installation Type	☐ Direct Bury ☐ Direct Bury w/Liner	☐ Direct Bury ☐ Direct Bury w/Liner	☐ Direct Bury ☐ Direct Bury w/Liner	☐ Direct Bury ☐ Direct Bury w/Liner	☐ Direct Bury ☐ Direct Bury w/Liner
Liquid and debris removed from spill bucket?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Visual inspection (No cracks, loose parts or separation of the bucket from the fill pipe.)	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail
VST Communication (Enter VST number)	VST #:	VST #:	VST #:	VST #:	VST #:
Closed Hose (C) (in WC)					
Open Hose (O) (in WC)					
VST Connected (V) (in WC)					
VST Communication Passes when: C > O and C > V and V ≥ O					
Test length in seconds (DW Primary wall or SW)					
Laser Verification (DW Primary wall or SW)	☐ DOT (Pass) ☐ Line (Fail)	☐ DOT (Pass) ☐ Line (Fail)	☐ DOT (Pass) ☐ Line (Fail)	☐ DOT (Pass) ☐ Line (Fail)	☐ DOT (Pass) ☐ Line (Fail)
Test length in seconds (Secondary wall, if DW)					
Laser Verification (Secondary wall, if DW)	☐ DOT (Pass) ☐ Line (Fail)	☐ DOT (Pass) ☐ Line (Fail)	☐ DOT (Pass) ☐ Line (Fail)	☐ DOT (Pass) ☐ Line (Fail)	☐ DOT (Pass) ☐ Line (Fail)
Pass/Fail criteria: Must pass visual inspection. Laser result must be a laser-dot (pass). If the first test fails, then conduct a second test entering results in another column. Test is not valid if liquid or debris was not removed from spill bucket. **VST location map must be attached to this report.**					
Final Test Result	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**

Comments - *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Date next Spill Bucket integrity test due (required every 3 years)

Triennial UST Spill Bucket Integrity Testing
(DPleak® Test)

- If any periodic test fails, a suspected release report must be submitted on a UST-17A form, *UST Suspected Release 24 Hour Notice.* The suspected release must be investigated, in accordance with 15A NCAC 2N .0603, and defective equipment repaired or replaced in accordance with 15A NCAC 2N .0404/.0900. Results of the investigation must be submitted on a UST-17B form, *UST Suspected Release 7 Day Notice.*
- Single wall spill buckets not located within a containment sump can use the DPleak® testing method. If a spill bucket is located within a containment sump and is required to be double-walled, then the DPleak® testing method can be used to also test the containment sump. Complete page 4 of the UST-23B form to document those results.

UST FACILITY

Owner / Operator Name	Facility Name	Facility ID
Facility Street Address	**Facility City**	**County**

TESTING CONTRACTOR INFORMATION

Company Name	Phone	Email address

I certify, under penalty of law, that the testing data provided on this form documents the UST system equipment was tested in accordance with the manufacturer's guidelines and the applicable national industry standards listed in 15A NCAC 2N .0406 and/or 15A NCAC 2N .0900, or another method approved by NC DEQ.

Print Name of person conducting inspection	Signature of person conducting inspection	Test Date

Tester Certification #:

Identify Spill Bucket *(By Tank Number, Stored Product, etc.)*	Tank #	Tank #	Tank #	Tank #	Tank #
Tank Size					
Product					
Bucket Manufacturer/Model					
Construction	☐ SW ☐ DW	☐ SW ☐ DW	☐ SW ☐ DW	☐ SW ☐ DW	☐ SW ☐ DW
Bucket Installation Type	☐ Direct Bury ☐ Direct Bury w/Liner	☐ Direct Bury ☐ Direct Bury w/Liner	☐ Direct Bury ☐ Direct Bury w/Liner	☐ Direct Bury ☐ Direct Bury w/Liner	☐ Direct Bury ☐ Direct Bury w/Liner
Liquid and debris removed from spill bucket?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Visual inspection (No cracks, loose parts or separation of the bucket from the fill pipe.)	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail
Wall	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A
Drain	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A
Bottom of Riser	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A
Top of Riser	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A
Swivel	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A
Cap	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A
	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A	☐ Pass ☐ Fail ☐ N/A
Pass/Fail criteria: Must pass visual inspection. Test is not valid if liquid or debris was not removed from spill bucket. No areas of spill bucket that fail.					
LDT test report with addendums attached	☐ Yes ☐ No				
Final Test Result	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**

Comments - *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Date next Spill Bucket integrity test due (required every 3 years)