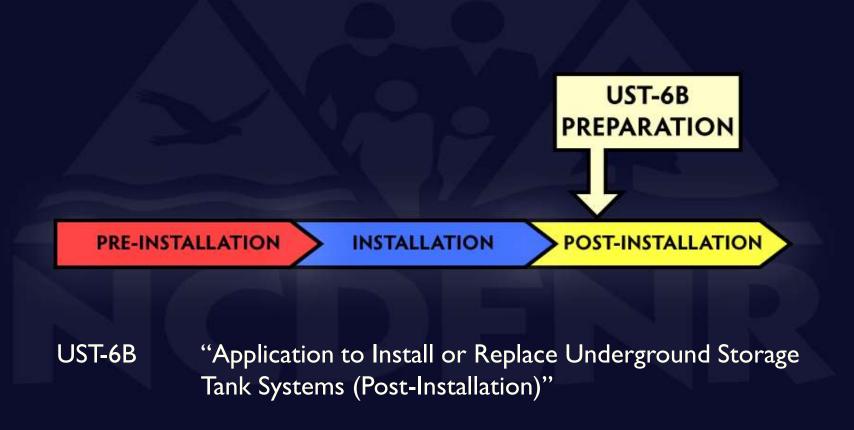
North Carolina Department of Environment and Natural Resources Underground Storage Tank Section



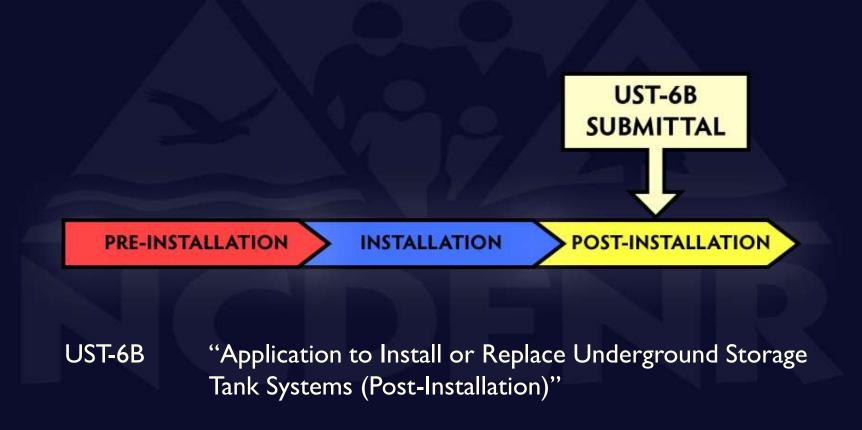
UST-6B "Application to Install or Replace UST Systems (Post-Installation)"



Installation Review Process Overview



Installation Review Process Overview



Post Installation

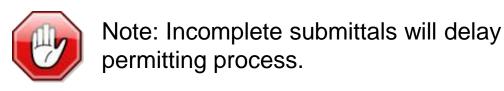
The UST-6B submittal requires:

- UST-6B form, Application to Install or Replace UST Systems (Post-Installation)
- UST-6C form, Schedule of Materials
- As-built scale drawings
- Completed manufacturer installation checklists for the tanks, piping, and any other applicable equipment
- Copies of manufacturer's installer certifications for each employee who installed equipment

Post Installation (cont)

The UST-6B application requires:

- Documentation of installation testing of each UST system component (e.g., UST-6D – UST-6G forms, line tightness tests, ALLD tests)
- Leak detection console printout showing sensor setup
- Leak detection console printout documenting sensor status / sensor functionality test



Post Installation (cont)

The UST-6B application requires:

- UST-15A form, Ownership of UST System(s)
- Appropriate annual operating fees
- Proof of Financial Responsibility
- Certification of Financial Responsibility form



Submitting these items earlier in the process, prior to the UST-6B submittal, will help shorten the final review

UST-6B Form

UST-6B APPLICATION	RAGE	ETA	NK SYST	EMS (PO	ST-IN	STALL	ATI	ON)	HCDIN
Facility ID No:				STATE USE ONLY					
is this is revised application? Yes.	No []				HINNEY THEFT				
UST Bystere components installed (Che	ok onet			Approved/Deapproved Date Approved/Deapproved					
☐ Tanks and Piping ☐ Tanks Crity ☐ Piping Crity			Long Communication of the Comm	is cellborner	a Dwelling	-			
Date UST and/or piping installation core	pleteri	_							
INSTRUCTIONS: Please type or print of this form. The UST installation control photocopy the recessiny additional shell	for must o	omplete	section VII of 1	er of the UST eye visitions. If more	dem must o than four i	omplete se 4) UST sy	edons i stems a	through VI a ra being ins	nd VIII through X o larled at the facility
Ownership of UST System Owner Name (Corporation Industrial, Public Agency, or Other Entity)			II. Operato Operator Nor					same as owner or Other Entity):	
Contact Name (if not named above)				Contact Nam	e (final ne	med above	1		
Waiting Address				Weiling Addre	110				
Oly:	- 13	State	Zip Code	City			_	State	Ziu Code
Phone Number 17	Two Milesons		and Address	Phone Numb			T Car C	who u.E.	Mail Address
1000	- number	0 0 0 0	- Autom	71016 1010	7		-ga h		THE PERSON
III. Contact Person for UST Locati	ion	A rock	0100				- must		
Norte	Shire	16	b Title			Phone fi	lumber		
W. Location of UST System.					- 3	-			
Facility Nerw or Company				No. of regulated tarrisdcompatiments of facility					
Check if tanks located on Indian lands or reservation			Total no. of tenhs/compartments at Solity						
Street Address (Finet available, then Co	urry Tax h	dap Nije	600.			-			
Sig.		13	bie			Zip Cod	n		
Courty		P	hone Number	Fax Number or E-Mail Address					
V. North Carolina Professional Er	noineer	-		VI. General	or Main	hospatiatio	n Con	tractor	
PE hame	- Grinse	TP	E License No.	Contractor No		THE SECTION AS	11 0011	p.euros.	
Corepany Name		_		Charlest Marris	nor Marco	of and many	not named above)		
				-0.300	5 (27) 200	processing to		7.	
Maling Address				Mailing Addr	WINE .				
City		Bride	Zip Code	City				State	Zg Code
Phone Number	Fax Numbe	er .		Phone Numb	er		Fax N	unber	
E-Mail Address				E-Mel Adme	**	-			
VII. Description of All UST or Con	parime	ot Syste	ome at this Fa	citity					
A. UST Information	-		The same of the sa						
TARK DENTIFICATION NO. (e.g., A. B. 1.2. 3. if compartment tank 1A, 1B, 1C.	Clor :	Tank No.	8	Tank No.	9	Tank No.		Tark t	No.
Tank Manufacturer									
Tark Model									
Tank UL (or Serial) Number									
Vaterials of construction *									
If Other (specify)									
* Enter one of the following choices: 0 ACT-100 Ut, DW* Steel/underted to "DW = Double-walled: "FRP = Fib.	g. Perm to	ere, Tas	nj. Other	nt Soldsoni, DV	C Steel/FR	P leg A	CT-100)	DW Steel	Polyurethane (e.g.

Page 1

- Contact Information
- •UST Facility Information
- •UST Information

1 (November 03/1

UST-6B APPLICATION TO INSTALL OR REPLACE UNDERGROUND STORAGE TANK SYSTEMS (POST-INSTALLATION)



Facility ID No:					STATE US	E ONLY	
Is this a revised application? Yes UST System components installe Tanks and Piping Tank Date UST and/or piping installation	d (Check one): ks Only	Only	Appl	ication appr	oved: Yes Disapproved:	□ No □	1
INSTRUCTIONS: Please type or this form. The UST installation of photocopy the necessary addition	ontractor must complete	e section VII of the					
I. Ownership of UST System	n		II. Operator	of UST S	ystem	☐ Check	if same as owner
Owner Name (Corporation, Individual	The Court Product of the Court	Other Entity)				, Public Agend	cy, or Other Entity)
Contact Name (if not named above	/e)		Contact Name	(if not name	ed above)		
Mailing Address			Mailing Addres	SS	11.		
City	State	Zip Code	City			State	Zip Code
Phone Number	Fax Number or E-	Mail Address	Phone Numbe	r	Fa	x Number or	E-Mail Address
III. Contact Person for UST I	Location				-		
Name		ob Title			Phone Numb	per	
IV. Location of UST System	1				1		
Facility Name or Company				No. of reg	gulated npartments at	facility	521
Check if tanks located on Indian I	ands or reservation				of tanks/comp	런데 얼마 없이 맛있습니다	
Street Address (if not available, the	nen County Tax Map Nu	mber):					
₩ UST-6B						P	age 1
DENR "Application to Ins	tall or Replace Uno	lerground Sta	orage Tank Sys	tems (Po	st-Installat		

V. North Carolina Professional Engineer

VI. General or Main Installation Contractor

				tanks/co	mpartmen	its at facilit	у	
Check if tanks located on Indian lands or	reservation			Total no at facility		compartme	ents	
Street Address (if not available, then Cour	nty Tax Map Nu	mber):						
City		State	Zip Code					
County		Phone Number		Fax Number or E-Mail Address				S
V. North Carolina Professional Eng	gineer		VI. General	or Main Ir	nstallatio	n Contra	ctor	
PE Name		PE License No.				White Co.		
Company Name	32		Project Manag	ger Name (i	f not name	ed above)		
Mailing Address			Mailing Addre	ess				
City	State	Zip Code	City	ity State			Zip Code	
Phone Number Fa	ax Number	ļ.	Phone Number Fax Number					
E-Mail Address			E-Mail Addres	SS				
VII. Description of All UST or Comp	partment Sys	tems at this Fa	cility					
A. UST Information			170	101			207	
TANK IDENTIFICATION NO. (e.g., A, B, 1, 2, 3; If compartment tank 1A, 1B, 1C, e	C or Tank N	0.	Tank No.	T	ank No.		Tank N	lo.
Tank Manufacturer								
Tank Model								
Tank UL (or Serial) Number								
Materials of construction ¹								
If Other (specify)	į,							
1 Enter one of the following choices: DV ACT-100-U), DW* Steel/Jacketed (e.g *DW = Double-walled **FRP = Fiber	. Perm tank, Tit	an), Other	ent Solutions), DW	* Steel/FRF	0** (e.g. A	CT-100), D	W* Steel/F	olyurethane (e.ç



Page 1 sed 03/12

		tanks/compartments at facility
Check if tanks located on Indian lands or rese	rvation	Total no. of tanks/compartments
Street Address (if not available, then County	Tax Map Number)	
City	State	
County	Phone	OBJUST SWE Z TO IZODOZIGEO
V. North Carolina Professional Engine	er	12000/10000 GALLONS
PE Name	PE Lic	
Company Name	.00	
Mailing Address		CONTAINMENT
City	State	877-CSI-TANK
Phone Number Fax N	umber	UL A 124754
E-Mail Address		TO AND THAT LAND
VII. Description of All UST or Compart	ment Systems	
A. UST Information	200	07/08/2009 09:15
TANK IDENTIFICATION NO. (e.g., A, B, C or 1, 2, 3; If compartment tank 1A, 1B, 1C, etc.)	Tank No.	
Tank Manufacturer		
Tank Model		
Tank UL (or Serial) Number		
Materials of construction ¹		
If Other (specify)		
Enter one of the following choices: DW* F ACT-100-U), DW* Steel/Jacketed (e.g. Pe *DW = Double-walled **FRP = Fiberglas	rm tank, Titan), O	nent Solutions), DW* Steel/FRP** (e.g. ACT-100), DW* Steel/Polyurethane (e.g.



Total no. of tanks/compartments at facility VI. (
VI. (
VI. (
VI. C
VI.
Con
Project On One Control of the Contro
20,000
city 111-735172
Pho DH' T"
E-M () X 3 1 4
7-17-10
VAC-25
Tank VHC- d 3



Page 1 sed 03/12

UST-6B Form

A. UST Information (Continued)				
	Tank No.	Tank No.	Tank No.	Tank No.
Capacity (gallors) f compartment tank, list compartment size.				
Check if tank is siphon manifolded and enter ank if it is manifolded with.	D/	D/	0 /	0/
Product stored ^a				
f Hazardous substance, Chemical Abstract Senice (CAS) number				
Other (specify)				
* Enter one of the following choices: DW FRP** (e.; Steel Lacketed (e.g. Permatanis, Tital), Other (Sp *TDW = Double-noised **** FRP = Fibergless Re	icily)	Columnia, DW* StockF99***	(e.g. ACT-100), DW* ShortPv	elpurethame (e.g. ACT-106-U), DW*
Enter one of the following shokes: Aviation Gas., B Kerosono, Motor Oli, Other Non-Petroleum, Other	iodiesat (* 25%) – Diese Petroloare, Transmission	Flaid, or Used Oil		line, Hazardows Stubstance, Heating t
* Tanks, with <20% Biodiesel should list the product.	as. "Diesel" and tooks vill	1≤10% Ethanol should list f	he product as "Gassline"	
B. Piping system				
Tank # (associated with piping)				
Indicate use 1				
Piping Manufacturer				
Piping Model				
Piping Manufacturing Code				
Material of Construction ⁶				
f Other (specify)				
Piping configuration (P=Pressurized, S=Suction or G=Gravity)				
PD-product distribution, M-manifold, RF-ren				
Enter one of the following choices: DW Res (e.g. A		le.g. Ameron Dualoy, NOV	Fiberglass Red Throad 84),	None, Other (Specify)
"DW = Double-waited "FRP = Fiberglass C. Confainment Sumps	Rentursed Plastic			
Enter the type and number(s) in each column th lat the range of sump numbers in one column (the sumps that have that make/model.				
Sump TyperNumber*				
Vanufacturer				
Vodel				
Wethod of monitoring ²				
Veterial of Construction *				
f Other (specify)				
Sump Visual Check				
No leaks at STP, ALLO or other pipe components (Y/N)				
Piping interstitial space is open to sump (YJN)				
Date checked				

Page 2

- •UST Information (cont.)
- Piping Information
- Containment Sumps

UST-68 2 Revised 03/12

USI-6B Application to install of	or Replace Undergi	ound Storage Ta	nk Systems (Post	-Installation)
A. UST Information (Continued)				
	Tank No.	Tank No.	Tank No.	Tank No.
Capacity (gallons) If compartment tank, list compartment size.				
Check if tank is siphon manifolded and enter tank # it is manifolded with.	_ /	/	_ /	_ /
Product stored ²				
If Hazardous substance, Chemical Abstract Service (CAS) number				
Other (specify)				
Enter one of the following choices: DW* FRP** (e. Steel/Jacketed (e.g. Permatank, Titan), Other (Spental Control of the following choices: DW* FRP** (e. Steel/Jacketed (e.g. Permatank, Titan), Other (Spental of the following choices: DW* FRP** (e. Steel/Jacketed (e.g. Permatank, Titan), Other (Spental of the following choices: DW* FRP** (e. Steel/Jacketed (e.g. Permatank, Titan), Other (Spental of the following choices: DW* FRP** (e. Steel/Jacketed (e.g. Permatank, Titan), Other (Spental of the following choices: DW* FRP** (e. Steel/Jacketed (e.g. Permatank, Titan), Other (Spental of the following choices: DW* FRP** (e. Steel/Jacketed (e.g. Permatank, Titan), Other (Spental of the following choices: DW* FRP** (e. Steel/Jacketed (e.g. Permatank, Titan), Other (Spental of the following choices: DW* FRP** (e. Steel/Jacketed (e.g. Permatank, Titan), Other (Spental of the following choices: DW* FRP** (e. Steel/Jacketed (e.g. Permatank, Titan), Other (Spental of the following choices: DW* FRP** (e. Steel/Jacketed (e.g. Permatank, Titan), Other (Spental of the following choices: DW* FRP** (e. Steel of the follo	ecify) inforced Plastic			
Enter one of the following choices: Aviation Gas, E Kerosene, Motor Oil, Other Non-Petroleum, Other * Tanks with <20% Biodiesel should list the product	Petroleum, Transmission Fluid,	or Used Oil		zardous Substance, Heating Oil,
B. Piping system				
Tank # (associated with piping)				
Indicate use 1				
Piping Manufacturer				
Piping Model				
Piping Manufacturing Code				
Material of Construction ²				
If Other (specify)				
Piping configuration (P=Pressurized, S=Suction or G=Gravity)				
¹ PD=product distribution, M=manifold, RF=ren	note fill, PR=product return	or OTH=Other (specify)		
² Enter one of the following choices: DW* Flex (e.g. A	PT XP UPP), DW* FRP** (e.g.	Ameron Dualoy, NOV Fiberg	plass Red Thread IIA), None, G	Other (Specify)

Page 2

imps with a list of

the sumps that have that make/model.

A. UST Information (Continued)				
	Tank No.	Tank No.	Tank No.	Tank No.
Capacity (gallons) If compartment tank, list compartment size.				
Check if tank is siphon manifolded and enter tank # it is manifolded with.		/	- /	- /
Product stored ²	200		THE RESERVE TO SERVE	11 To 10
If Hazardous substance, Chemical Abstract Service (CAS) number	100			
Other (specify)				
Enter one of the following choices: DW* FRP** (e. Steel/Jacketed (e.g. Permatank, Titan), Other (Sp *DW = Double-walled **FRP = Fiberglass Re Enter one of the following choices: Aviation Gas, E Kerosene, Motor Oil, Other Non-Petroleum, Other * Tanks with ≤20% Biodiesel should list the product B. Piping system	ecify) einforced Plastic Biodiesel (> 20%) - Petroleum, Transr		1/29/16	FRANKLIII I
Tank # (associated with piping)				
rank # (accounted war piping)				
Indicate use ¹				
, , , , , , , , , , , , , , , , , , , ,				
Indicate use ¹				
Indicate use ¹ Piping Manufacturer				
Indicate use ¹ Piping Manufacturer Piping Model		S. PAT.	NO'5 5	
Indicate use ¹ Piping Manufacturer Piping Model Piping Manufacturing Code		S. PAT.	NO'5 5	

Page 2

ne same then

umns with a list of

the sumps that have that make/model

² Enter one of the following choices: DW* Flex (e.g. APT XP UPP), DW* FRP** (e.g. Ameron Dualoy, NOV Fiberglass Red Thread IIA), None, Other (Specify)

A. UST Information (Continued)				
	Tank No.	Tank No.	Tank No.	Tank No.
Capacity (gallons) If compartment tank, list compartment size.				
Check if tank is siphon manifolded and enter tank # it is manifolded with.	- /	- /	- /	- /
Product stored ²			115	
If Hazardous substance, Chemical Abstract Service (CAS) number				
Other (specify)				
2 Enter one of the following chaines: Aviation Cap F				
Enter one of the following choices: Aviation Gas, E Kerosene, Motor Oil, Other Non-Petroleum, Other * Tanks with <a>20% Biodiesel should list the product B. Piping system	Petroleum, Transr		- U15 081	50e
Kerosene, Motor Oil, Other Non-Petroleum, Other * Tanks with <20% Biodiesel should list the product	Petroleum, Transr	and the first the second of the second	- U15 081	50s
Kerosene, Motor Oil, Other Non-Petroleum, Other * Tanks with <20% Biodiesel should list the product B. Piping system Tank # (associated with piping)	Petroleum, Transr	and the first the second of the second	- U15 081	508
Kerosene, Motor Oil, Other Non-Petroleum, Other * Tanks with <20% Biodiesel should list the product B. Piping system Tank # (associated with piping) Indicate use 1	Petroleum, Transr	and the first the second of the second	- U15 081	50a
Kerosene, Motor Oil, Other Non-Petroleum, Other * Tanks with <20% Biodiesel should list the product B. Piping system	Petroleum, Transr	and the first the second of the second	- U15 081	508
Kerosene, Motor Oil, Other Non-Petroleum, Other * Tanks with s Tanks with s Diping system Tank # (associated with piping) Indicate use ¹ Piping Manufacturer	Petroleum, Transr	and the first the second of the second	- U15 081	508
Kerosene, Motor Oil, Other Non-Petroleum, Other * Tanks with <pre></pre>	Petroleum, Transr	and the first the second of the second	- U15 081	508
Kerosene, Motor Oil, Other Non-Petroleum, Other * Tanks with 20% Biodiesel should list the product B. Piping system Tank # (associated with piping) Indicate use ¹ Piping Manufacturer Piping Model	Petroleum, Transr	and the first the second of the second	- U15 081	508

Page 2

ne same then

umns with a list of the sumps that have that make/model

² Enter one of the following choices: DW* Flex (e.g. APT XP UPP), DW* FRP** (e.g. Ameron Dualoy, NOV Fiberglass Red Thread IIA), None, Other (Specify)

If Other (specify)				
Piping configuration (P=Pressurized, S=Suction or G=Gravity)				
¹ PD=product distribution, M=manifold, RF=rem	ote fill, PR=product return	or OTH=Other (specify)		
Enter one of the following choices: DW* Flex (e.g. Al	PT XP UPP), DW* FRP** (e.g.	Ameron Dualoy, NOV Fiberg	ass Red Thread IIA), None, C	Other (Specify)
*DW = Double-walled **FRP = Fiberglass	Reinforced Plastic			
C. Containment Sumps				
Enter the type and number(s) in each column the list the range of sump numbers in one column. C the sumps that have that make/model.				
Sump Type/Number ¹				
Manufacturer				
Model				
Method of monitoring ²				
Material of Construction ³				
If Other (specify)				
Sump Visual Check				
No leaks at STP, ALLD or other pipe components (Y/N)				
Piping interstitial space is open to sump (Y/N)				
Date checked				
Enter one of the following choices: Tank sump, UD Enter one of the following choices: SS=Sump Sens				specify type)

Note that discriminating sensors must be set up to detect and alarm with all liquids

Enter one of the following choices: Plastic, FRP (Fiberglass Reinforced Plastic), Other

UST-6B Form

D. Leak detection (LD) Check any box	or combination	of boses that	apply! Refer	to 15A NCA	C 2N 09001			
Mark all that apply	Tank No.	Or Econes Fiss.	Tank No.	33 10-11-03-1	Tank No.		Tank No.	
	Tank	Piping	Tank	Piping	Tark	Piping	Tank	Piping
a. Method of Monitoring Intensice 1								
b. Automatic line leak detector ¹	111111	11111	IIIII	11111	IIIII	IIIII	IIIIII	1111
i. Mechanical line leak detector	111111		IIIII		IIIIII		111111	
ii. Electronic line leak detector	111111				111111		UUU	
Monitoring console manufactures/model								
Automatic line leak detector manufacturer /model								
Interatitial Sensors								
Tank - Manufactureri Vlodel								
Liquid detecting (dry) sensors mounted at lowest point of intention? (Y/N/NA)								
Sensors tested, functional & installed correctly? ⁴ (Y/N)								
Date checked								
Piping - Manufacturer/Model (only complete if VM, PR, or HYDRO listed on line ts." above for piping)								
Sensors tested, functional & installed correctly? *(Y,PK)								
Date checked								
Spill bucket - Manufacturer/Vodel *								
Sensors mounted at lowest point of intensios? (YPI)								
Sensors tested, functional & installed correctly?" (Y/N)								
Date checked								
Containment Sumps Enter the number(s) in each column that will be range of sump numbers in one column. Contain sumps that have that make/model.								
Sump TyperNumber*						1		
Interstitial sensor manufacturer/model – Containment sumps								
Seneots mounted within 2" of bottom? (Y/N)				i .				
Sensors tested, functional & installed correctly?*(Y/N)								
Date checked				1				
Enter one of the following chalces: Tank: VMM/aca sensitive. CTM+Other (specify hypo) Pgring: SSMSump Sensor, VMM/acouum Sensor, P as to detect and alarm with all liquids. A mechanical or electronic line leak detector is req-	HirPressure Services	or, HYDROHH, mixed piping ser	elostato Post	OTHNORier (raposity type). No mroutly	te that discrimin	sating seesons in	est be set
Applicable only for lanks using liquid detecting only 029 8900/f). Results shall be submitted on the US Discriminating sensors must be set up to detect an	T-6E form. Tanks	with hydrostatic					donce with 15A	NCAC
The splil budget model number may be used for eq. Enter one of the following shakes: Tunk sump, UC			ge of sump vil	h oppropriate	sump number(s)			

Page 3

- Leak Detection
 - Tanks
 - Piping
 - Spill Buckets
 - Containment Sumps

UST-6B 3 Revised 03/12

UST-6B Application to Install	or Replac	e Underg	round St	orage Ta	nk Syster	ns (Post-I	nstallatior	1) ACDENR
D. Leak detection (LD) [Check any box o	r combination	of boxes that	apply] [Refer	to 15A NCA	C 2N .0900]			
Mark all that apply	Tank No.		Tank No.		Tank No.		Tank No.	
	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
a. Method of Monitoring Interstice ¹								
b. Automatic line leak detector ²			IIIII					
i. Mechanical line leak detector								
ii. Electronic line leak detector								
Monitoring console manufacturer/model								
Automatic line leak detector manufacturer /model								
Interstitial Sensors								
Tank - Manufacturer/Model								
Liquid detecting (dry) sensors mounted at lowest point of interstice? (Y/N/NA)								
Sensors tested, functional & installed correctly? ⁴ (Y/N)								
Date checked								
Piping - Manufacturer/Model (only complete if VM, PR, or HYDRO listed on line 'a.' above for piping)								
Sensors tested, functional & installed correctly? 4 (Y/N)								
Date checked								
Spill bucket - Manufacturer/Model 5								
Sensors mounted at lowest point of interstice? (Y/N)								
IICT AR							Page 3	

correctly? 4 (Y/N)		
Date checked		
Spill bucket - Manufacturer/Model 5		
Sensors mounted at lowest point of interstice? (Y/N)		
Sensors tested, functional & installed correctly? 4 (Y/N)		
Date checked		

Containment Sumps

Enter the number(s) in each column that will have the same make/model of containment sumps. If all containment sumps will be the same then list the range of sump numbers in one column. Containment sumps with the same make/model only have to be entered in one of the columns with a list of the sumps that have that make/model.

Sump Type/Number ⁶		
Interstitial sensor manufacturer/model – Containment sumps		
Sensors mounted within 2" of bottom? (Y/N)		
Sensors tested, functional & installed correctly? 4 (Y/N)		
Date checked		

Enter one of the following choices: Tank: VM=Vacuum Sensor, PR=Pressure Sensor, HYDRO=Hydrostatic Float, LDS=Liquid Detecting (dry) Sensor (usually position-sensitive), OTH=Other (specify type)

Piping: SS=Sump Sensor, VM=Vacuum Sensor, PR=Pressure Sensor, HYDRO=Hydrostatic Float, OTH=Other (specify type). Note that discriminating sensors must be set up to detect and alarm with all liquids

- A mechanical or electronic line leak detector is required for all pressurized piping systems. They must be tested annually
- ³ Applicable only for tanks using liquid detecting (dry) interstitial sensors. Note that tanks with dry sensors must also be tested for tightness in accordance with 15A NCAC 02N.0903(f). Results shall be submitted on the UST-6E form. Tanks with hydrostatic (brine) sensors should indicate NA (not applicable).
- Discriminating sensors must be set up to detect and alarm with all liquids.
- 5 The spill bucket model number may be used for equipment with built-in sensors.
- Enter one of the following choices: Tank sump, UDC (dispenser), transition, other type of sump with appropriate sump number(s).

UST-6B Form

E. Flexible connectors, Submersible pumps	Riser pipes	, Siphon bars,	and other !	Vetal fittings				
	Tank No.		Tank No.		Tank No.		Tank No	
	Tank.	Dispenser	Tank	Dispenser	Tank	Dispenser	Tank	Dispenser
Flex connector is secondarily contained or located in a monitored containment sump'								
Submersible pump (STP) is located in a monitored containment sump ' (pressurized piping only)								
Metal piping externions, siphon bers, and/or other metal fittings are located in a monitored containment sump. ¹								
¹ Enter one of the following choices: Yes, No, N	A (not applic	nble)						
F. Spill Prevention Equipment								
Spill Prevention Equipment Type (Enter Spill Bucket, None, or Not Required ')								
Spill Prevention Equipment Manufacturer								
Spill Prevention Equipment Wodel								
Method of Manitoring Interstice ²								
Not Required is only valid for USTs that are a Enter one of the following choices: SS=Sump type). Note that discriminating sensors must be	Sensor, VM	Vacuum Sensa	or, PR=Pres	sure Sensor, H	YORO=Hydr	cetatic Float, O	TH-Other	(specify
G. Overfill Prevention Equipment								
Overfill Prevention Equipment Type (Enter Automatic shutoff ', Alarm at tank, Ball float ', None, or Not Required ')								
Overfill Prevention Equipment Manufacturer								
Overfill Prevention Equipment Model								
Overfill Prevention Equipment Operability								
Overfill device operational? (Yes/No)								
% of tank volume device is set (indicate: XX% or NA)	- %				%			
Minimum required device length in tank? (indicate in inches or NA)	inch		inct		inch			ches
Device length in tank (in inches or NA)	inch	95	inct	Wes.	inch	es		ches
30 minute flow restriction kit installed?" (Yes/NA)								
Alarm mounted at fill ports? * (Yes/NA)								
Tank top fittings tight? (Yes/No)								
Date checked When installing an automatic shut off device,					to activate a	t a level higher	in the tank	than the
sutomatic shuf-off device. Only show the prim ³ Ball Floats cannot be used with cosxial vapor				ion.				
Not Required is only valid for USTs that are a				ns or less.				
Applicable only for certain types of ball floats								
Applicable only for high level alarms (indicate	NA if not ago	sicable).						
Applicable only for right level assists (indicate	's onlyt:							
H. Stage I vapor recovery (For Gasoline US)			manager and de	ment of men	USTs that ar	e 500 callors o	r less in c	ananity and
H. Stage I vapor recovery (For Gasoline UST Note: the following gasoline USTs are not requi- b) facilities that have a combined throughput of	less than 50/	000 gallons per	year. If yap	or recovery is	not required to	for a UST at this	facility, th	en the last
H. Stage I vapor recovery (For Gasoline USI) Note: the following gasoline USI's are not requi- b) facilities that have a combined throughput of box in this section should be marked. If you have	less than 50/	000 gallons per	year, If vap a I vapor rec	or recovery is overy, please	not required to call the Air Q	for a UST at this	(919) 730	en the last 91480.
H. Stage I vapor recovery (For Gasoline UST Note: the following pasoline USTs are not requi	less than 50, re any questi	000 gallons per	year. If vap a I vapor rec	or recovery is	all the Air O	for a UST at this	(919) 730	en the last

Page 4

- •Flexible Connectors / Metal Components
- Spill PreventionEquipment
- Overfill PreventionEquipment
- Stage I Vapor Recovery

UST-99 4 Prevised G3/12

UST-6B Application to Install	or Repla	ce Underg	round St	torage Tar	nk Syster	ns (Post-Ir	stallati	on) ATOEN
E. Flexible connectors, Submersible pumps	, Riser pipes	, Siphon bars,	and other l	Metal fittings				
	Tank No.		Tank No.		Tank No.		Tank No.	
	Tank	Dispenser	Tank	Dispenser	Tank	Dispenser	Tank	Dispenser
Flex connector is secondarily contained or located in a monitored containment sump ¹				<u> </u>		<u> </u>		
Submersible pump (STP) is located in a monitored containment sump ¹ (pressurized piping only)								
Metal piping extensions, siphon bars, and/or other metal fittings are located in a monitored containment sump ¹								
¹ Enter one of the following choices: Yes, No, No	A (not applic	able)			•	•		
F. Spill Prevention Equipment								
Spill Prevention Equipment Type (Enter Spill Bucket, None, or Not Required ¹)								
Spill Prevention Equipment Manufacturer								
Spill Prevention Equipment Model								
Method of Monitoring Interstice ²								
 Not Required is only valid for USTs that are a Enter one of the following choices: SS=Sump type). Note that discriminating sensors must be 	Sensor, VM=	- Vacuum Sens	or, PR=Pres	sure Sensor, H	HYDRO=Hydr	rostatic Float, O	TH=Other	(specify
G. Overfill Prevention Equipment								
Overfill Prevention Equipment Type (Enter Automatic shutoff ¹ , Alarm at tank, Ball float ^{1, 2} , None, or Not Required ³)								
Overfill Prevention Equipment Manufacturer								
Overfill Prevention Equipment Model								
Overfill Prevention Equipment Operability								
UST-6B "Application to Install or Repl	lace Under	ground Sto	rage Tank	Systems (F	ost-Instal		Page 4	
required device length in tank?	inch	es	incl	nes	inch	nes	in	ches

(indicate in inches or NA)

	(Enter Automatic shutoff ¹ , Alarm at tank, Ball float ^{1, 2} , None, or Not Required ³)				
	Overfill Prevention Equipment Manufacturer				
	Overfill Prevention Equipment Model				
I	Overfill Prevention Equipment Operability				
ı	Overfill device operational? (Yes/No)				
	% of tank volume device is set (indicate XX% or NA)	%	%	%	%
	Minimum required device length in tank? (indicate in inches or NA)	inches	inches	inches	inches
ı	Device length in tank (in inches or NA)	inches	inches	inches	inches
	30 minute flow restriction kit installed? ⁴ (Yes/NA)				
ı	Alarm mounted at fill ports? 5 (Yes/NA)				
ı	Tank top fittings tight? (Yes/No)				
l	Date checked				
	 When installing an automatic shut off device, of automatic shut-off device. Only show the prim Ball Floats cannot be used with coaxial vapor 	ary overfill prevention device	e in this section.	t to activate at a level higher	in the tank than the
ı	3 Not Required is only valid for USTs that are al	, , , , , , ,	•		
ı	⁴ Applicable only for certain types of ball floats (indicate NA if not applicable).		
l	Applicable only for high level alarms (indicate	NA if not applicable).			
l	H. Stage I vapor recovery (For Gasoline UST	's only):			
	Note: the following gasoline USTs are not requi b) facilities that have a combined throughput of I box in this section should be marked. If you have	ess than 50,000 gallons per	year. If vapor recovery is a	not required for a UST at this	s facility, then the last
	Coaxial system				
	Dual point system				
	None				

UST-6B Form

I, Cettf	fication of installation (Must be completed by UST s	yetem installer)			
Were the	ere any modifications to the approved UST-6A applica	tion? □/es	п	No	If "Yes" then describe below or attach separate description of the modifications (Note; Professional Engineer must approve and seal any changes to the UST-6C and original design plane).
	and true to the best of my belief and knowledge and	that the UST by	stern equ	iome	in Part VII. (above) and in the ottached as fault plan is accurate use installed in accordance with the UST system design and inhabits affected to 15 A NGAC 0200.
Installer	일었다.				Job Title
	Serveture				Dete
	Signature se: Pursuant to N.C.G.S. 143-215.94W any person wh et \$10,000 per day, per violation.	o knowingly tail	e to motif	ors	Date Librario foliae information shall be subject to a civil penalty not
to excee	se: Pursuant to N.C.G.S.143-215.94W any person wh				ubmits false information shall be subject to a civil penalty not
The fine any for a regor po of the ma Cleanup deduction	see Pursuant to N.C. G. 5. 143-215. SWI any person when the \$10,000 per day, per violation. imanicial Responsibility (for Regulated Pinnel desponsibility regulation) in the Over of the testing desiration of the Annual SWI and desiration of the formation of the SWI and the Over of the testing the other of the testing of the Over of the testing the Over of the testing of the SWI and the Over of the	etroleum Ut e that owners a g tark*. The po wever, to comple and all responsit Ottané (acaling	BTs Of	(LY)	ubmits false information shall be subject to a civil penalty not
Percee VIII. F The fine say for a regor po of the michanus leductit (Ch	see Pursuant to N.C. G. B. 143-215. Selfs any person while \$10,000 per site, per violation. Instancial Responsibility (for Regulated Pinnied separatibility regulation) in the over of a testing section of the form of the sense of section of the form of all testing costs in the over of a testing section of the formation of the formation of the formation of the formation in separation of the formation in section of the formation of the formation in section of the formation in section of the formation in section of the formation in the section of the formation in the section of the secti	etroleum Ut e that owners a g tark*. The po wever, to comple and all responsit Ottané (acaling	BTs Of	(LY)	ubmins false information shall be subject to a civil penalty not fregulated permission. USTs assure the availability of tudes to all tank operating fees into the State Trust Funds fulfills a requirementa, additional funds must be assured by one or mo- all a minimum file sea und file. "De Penir (Still 0000007)" and a minimum file sea und file. "De Penir (Still 0000007)" and a minimum file sea und file." "De Penir (Still 0000007)" and
Define fine may for a major positive mi Cleanu, leducitio	see Pursuant to N.C. G. B. 143-215.84% any person she is 140,000 per day, per violation. imanicial Responsibility (for Regulated Pincel teoporability regulation) in the violation of the properties of the properties of the properties of the properties of the properties. However, and the properties of the properties the orbitalisms listed below. The smooth of subditional for parability requirements. However, and the properties of the propert	etroleum Ut e that owners a g tark*. The po wever, to comple and all responsit Ottané (acaling	STs Of and open symmet o dely fulfolity requ factor)	(LY)	ubmine false information shall be subject to a civil penalty not fregulated petroleum UST's viscue the availability of funds to sufficient operating fees into the State Trust Funds fulfills a requirement, additional funds must be assured by one or mo- aria minimum) in the sum of the "Jat Party (\$100,000,000)" and liate Trust Funds may not the used to cover the amount of the Eaction account.
Decree	ne: Pursuant to N.C. G. B. 143-215. Selfs any person of 8 10.000 per sity, per violation. Imanelial Responsibility (for Regulated Pincial separatibility regulations): 154 NGAC 20) require secretarily and desirate costs in the over of a treatment of the final separation of the final regulation of the final regulatio	etroleum Ut e that owners a g tark*. The po wever, to comple and all responsit Ottané (acaling	STs Of and open symmetro dely fulfi- bitry requirements.	(LY)	ubmin false information shall be subject to a civil penalty not finguished petroleum USTs resoure the availability of tunds to sufficient operating fees into the State Trust Funds fulfills a requirement, additional funds must be assured by one or mo at a minimum) is the sum of the "Did Parky (\$100,000,00") and take Trust Funds may not be used to cover the amount of the Eactors account Local government for and lesing test.
Diecose VIII. F The finality for a regor positive my Coleanu, lectuotit China in the coleanu, le	see Pursuant to N.C. 6.1, 143-215, 54W any person shift in \$10,000 per day, per violation. Sinancial Responsibility (for Regulated Pinnel separatibility separations) (154 NCAC 20) requires secessivers and deams costs in the overt of a treatment and transportation of the framework in the overtile in the other sections of the framework. However the production of the framework in the other sections in the other sections of the framework in the section of the framework in the section of the framework in the section of the sectio	etroleum Ut e that owners a g tark*. The po wever, to comple and all responsit Ottané (acaling	STs Of and operate syment or dely fulfi- latry required. fector).	(LY)	ubmile felies information shall be subject to a civil penalty not frequisited petroleum USTs vecuse the availability of tunds to all tark operating fees into the State Trists Funds fulfills a loguramental, additional funds must be assured by one or re- ent a mineral to the sum of the "Set Perty (\$100,000,007)" and fails That Funds <u>oney and</u> be used to cover the amount of the Bactore account Local government band relengitest Local government band relengitest Local government francial feet.
Discrete Will. F The fine say for a megor positive my following deduction Chamber of the my following deduction of the my f	see Pursuant to N.C. G. B. 143-215.84% any person she is 10,000 per day, per violation. Smannclal Responsibility (for Regulated Pinnel separativity regulation) (154-10-40, 20) required separativity regulations (156-10-40, 20) required separative regulation of the financial responsibility regulations for estimation of the financial responsibility regulations for pt20,000 UD/ Stell Print Fund deductible plus 50 dec. Bed all financial responsibility mechanisms that apply Bell-insurance Desponse guarantee Insurance and risk intertien group coverage.	etroleum Ut e that owners a g tark*. The po wever, to comple and all responsit Ottané (acaling	ests of open symmetric or other production of the control of the c	(LY)	ubmin false information shall be subject to a civil penalty not finguished petroleum USTR viscure the availability of funds to sail farie operating fees into the State Trust Funds (fulfills a requirement, additional funds mail be assured by one or no an a miniman) is the sum of the "Did Peny" (\$100,000,00" and tales That Funds <u>may not</u> be used to cover the ansound of the Eachors account Local government founds lessing test Local government funds as Local government (avainable tool Local government dedicated fund.)
The final pay for a major pool of the min Cleanus deducts (Ch.	ne: Pursuant to N.C. G. B. 143-215.84W any person of 510.000 per sity, per violation. Instancial Responsibility (for Regulated Pinnancial Responsibility regulation) in the over of the testing of the standard responsibility regulations of the forest of a testing cost in the over of a testing than of the forest of the period of electronic regions of the forest of a testing of the distribution of the forest region of excitational fine process of the standard testing. The structure of excitational fine post of the standard responsibility mechanisms that apply Bet-Imacrance Desponse guarantee. Vecurance and risk waterston group coverage. Surely band.	etroleum Ut e that owners a g tark*. The po wever, to comple and all responsit Ottané (acaling	STs Of open symmetry of the control	(LY)	ubmin faise information shall be subject to a civil penalty not fingulated petroleum USTs viscure the availability of tunds to sufficient operating feet into the State Trust Funds fulfills a requirement, additional funds must be assured by one or mo- ation minimum in the sum of the "Stat Pasy" (\$100,000,000) and itals That Funds may not the used to cover the amount of the Stateone secount Local government fund resing test Local government fund resing test Local government guarantee Local government dedicated fund Name
The fine- pay for a major po of the my "Clearup deduction (Ch	see Pursuant to N.C. G. B. 143-215.84% any person she is 10,000 per day, per violation. Smannclal Responsibility (for Regulated Pinnel separativity regulation) (154-10-40, 20) required separativity regulations (156-10-40, 20) required separative regulation of the financial responsibility regulations for estimation of the financial responsibility regulations for pt20,000 UD/ Stell Print Fund deductible plus 50 dec. Bed all financial responsibility mechanisms that apply Bell-insurance Desponse guarantee Insurance and risk intertien group coverage.	etroleum Ut e that owners a g tark*. The po wever, to comple and all responsit Ottané (acaling	ests of open symmetric or other production of the control of the c	(LY)	ubmin felies information shall be subject to a civil penalty not finguished petroleum USTR viscure the availability of funds to sail farie operating fees into the State Trust Funds fulfills a groupment's additional funds must be assured by one or mo- ar a minimum) is the sum of the "Jad Party (\$100,000,000)" and tales Trust Funds may not the "Jad Party (\$100,000,000)" and tales Trust Funds may not the used to cover the amount of the Eachore account! Local government found issing test Local government funds as Local government funds as Local government described fund.

Page 5

- •Installer Certification
- •Financial Responsibility

UST-8B 5 Revised 03/1:

UST-6B Application to Install or Replace Under	nearmost armos		
 Certification of Installation (Must be completed by UST system installed) 	r)		
Were there any modifications to the approved UST-6A application? Yes		No	If "Yes" then describe below or attach separate description of the modifications (Note: Professional Engineer must approve and seal any changes to the UST-6C and original design plans):
OATH: I certify, under penalty of law, that the information concerning installar. OATH: I certify, under penalty of law, that the information concerning installar. Installar:	system e	uipmen	t was installed in accordance with the UST system design
and true to the best of my belief and knowledge and that the UST	system e	quipmen actice a	t was installed in accordance with the UST system design
and true to the best of my belief and knowledge and that the UST plans, the manufacturer's guidelines and the applicable national co.	system e	quipmen actice a	t was installed in accordance with the UST system design and industry standards listed in 15A NCAC 02N .0900.
and true to the best of my belief and knowledge and that the UST plans, the manufacturer's guidelines and the applicable national collinstaller: Print Name	system ed odes of pr	quipmen actice a	t was installed in accordance with the UST system design and industry standards listed in 15A NCAC 02N .0900. Job Title Date
and true to the best of my belief and knowledge and that the UST plans, the manufacturer's guidelines and the applicable national collinstaller: Print Name Signature Penalties: Pursuant to N.C.G.S.143-215.94W any person who knowingly for the plant of the plant o	system education of produces o	quipmen actice a	t was installed in accordance with the UST system design and industry standards listed in 15A NCAC 02N .0900. Job Title Date
and true to the best of my belief and knowledge and that the UST plans, the manufacturer's guidelines and the applicable national collinstaller: Print Name Signature Penalties: Pursuant to N.C.G.S.143-215.94W any person who knowingly for exceed \$10,000 per day, per violation.	JSTs C and ope payment pletely fu	ify or su NLY) rators of of annufill the required (a	t was installed in accordance with the UST system design and industry standards listed in 15A NCAC 02N .0900. Date brits false information shall be subject to a civil penalty not regulated petroleum USTs assure the availability of funds to all tank operating fees into the State Trust Funds fulfills a equirements, additional funds must be assured by one or more to a minimum is the sum of the "3rd Party (\$100,000.00)" and
and true to the best of my belief and knowledge and that the UST plans, the manufacturer's guidelines and the applicable national collinstaller: Print Name Signature Penalties: Pursuant to N.C.G.S.143-215.94W any person who knowingly for exceed \$10,000 per day, per violation. VIII. Financial Responsibility (for Regulated Petroleum) The financial responsibility regulations (15A NCAC 20) require that owners pay for assessment and cleanup costs in the event of a leaking tank*. The major portion of the financial responsibility requirements. However, to comof the mechanisms listed below. The amount of additional financial responsibility responsibility requirements.	JSTs C and ope payment pletely fu	ify or su NLY) rators of of annufill the required (a	t was installed in accordance with the UST system design and industry standards listed in 15A NCAC 02N .0900. Date brits false information shall be subject to a civil penalty not regulated petroleum USTs assure the availability of funds to all tank operating fees into the State Trust Funds fulfills a equirements, additional funds must be assured by one or more to a minimum is the sum of the "3rd Party (\$100,000.00)" and

Local government bond rating test

Corporate guarantee

VIII. F	nancial Responsibility (for Regulated Petroleum	USTs	ONL	Y)
pay for a major po of the me "Cleanup deductib	ssessment and cleanup costs in the event of a leaking tank*. The rtion of the financial responsibility requirements. However, to coechanisms listed below. The amount of additional financial responsible (\$20,000.00)" State Trust Fund deductibles plus \$600/tank (sca	ne payme mpletely onsibility r	nt of ar fulfill the require	s of regulated petroleum USTs assure the availability of funds to innual tank operating fees into the State Trust Funds fulfills a e requirements, additional funds must be assured by one or more d (at a minimum) is the sum of the "3rd Party (\$100,000.00)" and a State Trust Funds may not be used to cover the amount of the
	Self-insurance	Ī		Escrow account
	Corporate guarantee	1		Local government bond rating test
	Insurance and risk retention group coverage	1		Local government financial test
Policy #		1		Local government guarantee
Insurer		Ì		Local government dedicated fund
	Surety bond	1		None
	Letter of Credit	Ī		Other
	Insurance pools			
	Period of Coverage:	to		
	*Federal and State governments owning	g regulate	ed petr	oleum UST systems are exempt

UST-6B Form

X. Attachments				
JST-15A form, Ownership of I/87 Systemos), attached.		Yes		Previously submitted
operprete ermuel operating fees are included.		Yes		Previously submitted
hoot of Financial Responsibility along with the Certification of Francial Responsibility form are attached.		Yes		Previously submitted
No copies of as-built plan (year or newed design plan consisting of a 151-160, schedule of materials and scale drawing signal designable by (C-PE) absorbed. The design plan approved with the UST-PE van be- opied and submitted. You changes were made. If changes were made ten, ngridgat any changes from original design plan or drawing.	0	Yes		
Annafacturens tenk installation checklet and warranty registrations stached.		Yes		NW for piping only
Ansthetunens piping installation dhecklet and warranty registrations disched.		Yes		NVA for tank only
Copies of manufacturer's installer certifications for each employee the installed equipment at this facility attached.		Yes		
IST-RC, Application to Install or Replace Underground Storage Tent Systems (Schedule of Materials) attached		Yes		
IST-RDIZ3A, Application to install or Replace Underground Storage Tenk lyaliens (Spil Bucket Installation Tealing) containing and Installation lead results attached.		Yes		NAVA for piping only
IST-6E:030: Application to Install or Replace Underground Storage Tank systems (Tank Installation Testing) containing pre-installation, intallation and post-installation (sist results attached.		Yes		NAVA for piping only
IST-6F-038, Application to Install or Replace Underground Storage Tank lystems (LIDC/Containment Sump Installation Testing) containing ost installation test results attached.		Yes		
JST-6G/GSC, Application to Install or Peplace Linderground Storage Tank Systems (Ploing Installation Tasking) containing pre-installation, estallation and post-installation test results attached.		Yes		
ine Tightness Test (LTT) and Automatic Line leak Detector (ALLD) limit also attached		Yes		ALLO data NA for non-pressurated piping only
ank detection console persout showing interatitial Equidivecture sensor et-up copied on 8 % X 11 paper attached.		Yes		
celd detection console printout showing most recent intensified sensor lust idam? history report, believed by a sensor status separt showing "normal" or DKP, for each sensor opped on 15 X 11 paper etached, blose that additional printouts may be required to certain typed of sensors (in, deportmenting, position sensitive, etc).		Yes		
 Facility Owner Certification and Acknowledgement (X) 	Rea	d and S	ign Aft	er Completing Sections I – VI and VIII –
certify, under penalty of law, that I have personally examined and are for saced on my inquity of these individuals responsible for obtaining this info addition, 2 certify that all applicable State and Federal UST requirements	resigna	on, I believ	or that th	e submitted information is true, accurate, and comple
signing as an officer of a corporation, representative of a public agreement that proves you can legally sign movide a copy of the legal document that proves you can legally sign				in estate, or as having power of attorney, you mus
Print Name of Facility Owner or Authorized Representative Print	764	of Owner	or Author	road Representative
Signisture	1	Selle Signe	é	

Page 6

- Attachments
- •Facility Owner Certification

UST-89 6 Revised 03/1

UST-6B Application to Install or Replace Underg	grou	ınd Stor	rage 1	Tank Systems (Post-Installation)
IX. Attachments				
UST-15A form, Ownership of UST System(s), attached.		Yes		Previously submitted
Appropriate annual operating fees are included.		Yes		Previously submitted
Proof of Financial Responsibility along with the Certification of Financial Responsibility form are attached.		Yes		Previously submitted
Two copies of as-built plan (new or revised design plan consisting of a UST-6C schedule of materials and scale drawing signed/sealed by NC PE) attached. The design plan approved with the UST-6A can be copied and submitted, if no changes were made. If changes were made then, highlight any changes from original design plan on drawing.		Yes		
Manufacturers tank installation checklist and warranty registrations Attached.		Yes		N/A for piping only
Manufacturers piping installation checklist and warranty registrations Attached.		Yes		N/A for tank only
Copies of manufacturer's installer certifications for each employee who installed equipment at this facility attached.		Yes		
UST-6C, Application to Install or Replace Underground Storage Tank Systems (Schedule of Materials) attached.		Yes		
UST-6D/23A, Application to Install or Replace Underground Storage Tank Systems (Spill Bucket Installation Testing) containing post-installation test results attached.		Yes		N/A for piping only
UST-6E/23D, Application to Install or Replace Underground Storage Tank Systems (Tank Installation Testing) containing pre-installation, installation and post-installation test results attached.		Yes		N/A for piping only
UST-6F/23B, Application to Install or Replace Underground Storage Tank Systems (UDC/Containment Sump Installation Testing) containing post-installation test results attached.		Yes		
UST-6G/23C, Application to Install or Replace Underground Storage Tank Systems (Piping Installation Testing) containing pre-installation, installation and post-installation test results attached.		Yes		

UST-6B

Page 6 only

"Application to Install or Replace Underground Storage Tank Systems (Post-Installation)"

UST-6F/23B, Application to Install or Replace Underground Storage Tank Systems (UDC/Containment Sump Installation Testing) containing post-installation test results attached.		Yes		
UST-6G/23C, Application to Install or Replace Underground Storage Tank Systems (Piping Installation Testing) containing pre-installation, installation and post-installation test results attached.		Yes		
Line Tightness Test (LTT) and Automatic Line leak Detector (ALLD) test data attached		Yes		ALLD data N/A for non-pressurized piping only
Leak detection console printout showing interstitial liquid/vacuum sensor set-up copied on 8 $\%$ X 11 paper attached.		Yes		
Leak detection console printout showing most recent interstitial sensor "fuel alarm" history report, followed by a sensor status report (showing "normal" or OK") for each sensor copied on 8 ½ X 11 paper attached. Note that additional printouts may be required for certain types of sensors (i.e., discriminating, position-sensitive, etc).		Yes		
X. Facility Owner Certification and Acknowledgement (IX)	Rea	d and Si	ign Afte	er Completing Sections I – VI and VIII –
I certify, under penalty of law, that I have personally examined and am far based on my inquiry of those individuals responsible for obtaining this info In addition, I certify that all applicable State and Federal UST requirements	rmatio	on, I believ	e that the	e submitted information is true, accurate, and complete.
If signing as an officer of a corporation, representative of a public agprovide a copy of the legal document that proves you can legally sign				n estate, or as having power of attorney, you must
Print Name of Facility Owner or Authorized Representative Prin	t Title	of Owner	or Author	rized Representative
Signature		ate Signe	d	
Penalties: Pursuant to N.C.G.S.143-215.94W any UST system owner or subject to a civil penalty not to exceed \$10,000 per day, per violation.	perat	or who kn	owingly fa	ails to notify or submits false information shall be



Revised 03/12

As-builts

- | | " x | 7"
- Must be sealed by professional engineer if changes to original design were made
- All changes to the originally approved plans should be indicated on as-builts
- If no changes, then original plans with the annotation "as-builts" are fine

Summary of Installation Testing Requirements

 A separate form should be us The last periodic sightness tes 	ed for each facility. If t at record must be main	here are more than five of tained at the UST site or	5) spill buokets at this fac the tank owner or openit	lity, make additional cop ors place of business an	ies of this page direast be readily
 If any periodic test fails, a sur- release must be investigated. 	in accordance with 15	A NCAC 2N .0903, and a	ny defective equipment :	apaired in accordance w	Natice. The suspected Why 15A NGAC 2N
D404' 0000 Results of the in	vestigation must be au	breitad on a UST-17B to	int, 1/87 Suspected Rela	iasa 7 Day Notice	
UST FACILITY Owner / Operator Name		Facility Name		T Facility (I	-
His his wall his war.		Separation.			990
Facility Street Address		Facility City		County	
TESTING CONTRACTO	RINFORMATIO	N			
Company Name		Phone		E-mail Address	
Mailing Address		City		State	126
		9.0		17.7	1000
I certify, under penalty of law, t menufacturer's guidelines and	trat the testing data po the applicable national	trided on this form docum industry standards listed	in 15A NCAC 2N 0900	uipment was tested in a	ocordance with the
- 1172			-	100	
Print Name of p	sersion conducting less	SPILL BUCKET		stars of person conduction	g teat
> Spill buckets, installed on or a	A-15010007 A-1				contacts to refer the second second
then any change in level for a	riversacianc near nearing	in nour or change in each	ALL MILION STUMMENS ES	is Asicirmal parts tames one	consessed a territi
integrity test. For hydrostatic if the spill bucket fails a light- accordance with the merufac Policeting any repair, the spill The primary and secondary is	less test, it must be rig furer's specifications. bucket must be re-less	staced or repaired by the r red for tightness.	manufacturer, or the man	silacturer's authorized re	spresentative in
integrity test. For hydrostatic. If the spill bucket talks a lights accordance with the manufact. Following any repair, the spill. The primary and secondary is Test Method Used: Hydrostatic Viscourn	less test, it must be rig furer's specifications. bucket must be re-less	staced or repained by the led for tightness, ed to be tested at the san	manufacturer, or the man	uladure's authorized re	epresentative in
integrity lets: For hydrostatic. If the spill brusher like a hight- accordance with the memufac. Folkowing any repair, the spill. The printing and secondary is Test Method Likest. Hydrostatic Integrity Spill Budder (By Tabb. Number, Storad Product, etc.)	less test, it must be rig furer's specifications bucket must be re-less refs are both consider	staced or repained by the led for tightness, ed to be tested at the san	manufacturer, or the man	silacturer's authorized re	Tank #
integrity test. For hydrostatic if the split busies tails a light accordance with the internal Following any repair, the split The printary and secondary is Test Method Used: Hydrostatic Visuaum. Genity Split Busies (By Tank)	resident it must being furer's specifications bucket must be re-fee refis are both consider Other (Speci	dated or repained by the laid for highlineau, ed to be tested at the said.	manufacturer, or the man se time if vecours is used Test Equipme	sifecturier's authorized in to test the intentice int Uses (If applicable)	
imaging leaf For hydrostatic. If the qold bruser lies a light secondary is recovered with the manufact of Following any repair, the spil. The primary and secondary is Test Method Liest. Hydrodate: Viscourn. Identity Spill Businer, 6(5) Tank. Nanther, Stoned Product, 6(5) Tank Size.	ees teck it must be no ture's specifications. bucket must be males relia are both consider. Other (Speci Tank #	dated or repained by the laid for highlineau, ed to be tested at the said.	manufacturer, or the man se time if vecours is used Test Equipme	sifecturier's authorized in to test the intentice int Uses (If applicable)	
integrity leef. For hydrostatic. If the spill healt false a lighter accordance with the nameles. Following any repart, the spill. The primary and secondary is Test Wethod Used: Hydrostatic Visional State (1) Yeard Nameles. Stone Product. Tank Size. Product.	ees teck it must be no ture's specifications. bucket must be males relia are both consider. Other (Speci Tank #	dated or repained by the laid for highlineau, ed to be tested at the said.	manufacturer, or the man se time if vecours is used Test Equipme	sifecturier's authorized in to test the intentice int Uses (If applicable)	
integrity lest For hydrostatic - of the sigh becat felse a light - of the sigh becat felse a light - Following any repair, the sight - or the sig	ees teck it must be no harder a specifications. bucket must be no-less reliable to the consider. Other (Speci Tank #	slaced or repaired by the read for tightness. It is to be tested at the son by: Tank # Diox & Bary Collaborated	reminifacturer, or the man ter lime if vecount is used Test Equipme Tank if	to test the intention of to test the intention of Users (if applicable) Tank #	Tank #
integrity lest For hydrostatic - if the spill busisht tiles a lighter accordance with the interface - Following any repair, the spill - The primary and secondary in Fort Welnod Lest - Hydrostatic - Tank Site - Product - Tank Site - Product - Business and secondary in Tank Site - Product - Business and Fort all measurement Suchet in retalisher Type Business Manufactures Model	ees teck it must be no harder a specifications. bucket must be no-less reliable to the consider. Other (Speci Tank #	slaced or repaired by the read for tightness. It is to be tested at the son by: Tank # Diox & Bary Collaborated	reminifacturer, or the man ter time if vecount is used Test Equipme Tank if	to test the intention of to test the intention of Users (if applicable) Tank #	Tank #
integrity lest For hydrostatic. If the soil beach tile is although the social time although the social time although the social time and the Following any repair, the split is provided to the social time and ti	ees teck it must be no harder a specifications. bucket must be no-less reliable to the consider. Other (Speci Tank #	slaced or repaired by the read for tightness. It is to be tested at the son by: Tank # Diox & Bary Collaborated	reminifacturer, or the man ter time if vecount is used Test Equipme Tank if	to test the intention of to test the intention of Users (if applicable) Tank #	Tank #
integrity lest For hydrostatic - of the spill busish this a lighter accordance with the interface - Following any repair, the spill - Following any repair, the spill - Following any repair, the spill - operaty Spill Businet (By Tack Number - Stonet Arobot, etc.) Tank Size Product indicate units for all measurement of the spill repair indicate units for all measurement indicate units for all measurements and units of the spill of the	ees teck it must be no harder a specifications. bucket must be no-less reliable to the consider. Other (Speci Tank #	slaced or repaired by the read for tightness. It is to be tested at the son by: Tank # Diox & Bary Collaborated	reminifacturer, or the man ter time if vecount is used Test Equipme Tank if	to test the intention of to test the intention of Users (if applicable) Tank #	Tank #
integrity lest For hydrostatic - of the spill busist felds a light secondaries with the interface - Following any repair, the spill - The portrary and secondary is followed - or the spiritual of the spiritual - produced - Tank Size - Produced - Indicate units for all measurement - Eucond institution Type Eucond	ees teck it must be no harder a specifications. bucket must be no-less reliable to the consider. Other (Speci Tank #	slaced or repaired by the read for tightness. It is to be tested at the son by: Tank # Diox & Bary Collaborated	reminifacturer, or the man ter time if vecount is used Test Equipme Tank if	to test the intention of to test the intention of Users (if applicable) Tank #	Tank #
integrity lest For hydrostatic - of the spill busist felds a light accordance with the manufact Following any repair, the spill The private and secondary is Following any repair, the spill Following and secondary is Ford Mehod Lest Product Indicate units for all moustaness Eucona Treatment of the Product Indicate units for all moustaness Eucona Chamber X Doptin Nati time beforeast againing vocasin/volder and data of lest Britaness Secondary Treatment Product Indicate units for all moustaness Eucona Chamber X Doptin Nati time before and data of lest Privinary Section Test Date Begin i End Test Time	eas set. It must be a common to the common t	slaced or repaired by the read for bigitiness. It is to be tested at the son My. Tank # Diox diany Containment	Tenk #	Indicatories's authorized in to next the Interescent int Users (If applicable) Tank # Denne Sury Containment suring	Tank #
integrity lest. For hydrostatic - if the self beside tiles a lighte accordance with the interface - Following any repair, the split - Following any repair, the split - Following any repair, the split - The primary and secondary is get Welnot Like in - Wiscours - Gent's (Split Businet (By Tank Name) - Tank Site Product set; I have been a formed Product set; I have been a formed Product repair - Tank Site Product in the split	ees vest, it must be rej hundred specifications, bucket must be make bucket must be make gibts are both consider Other (Speci Tank #	slaced or repaired by the read for tightness. ed to be tested at the son the s	Tenk #	Indicatories's authorized in to next the Interescent int Users (If applicable) Tank # Denne Sury Containment suring	Tank #
integrity lest For hydrostatic - of the spill busist felds a light secondary with the interface - Following any repair, the spill - The private and secondary in the secondary	eas set it must be on their set of their set	shaced or reperied by the stand for tightness or the son of the so	Tenk #	Stackurer's eather/cook is to rest the Interestice int Uses! (If applicable) Tank # Describing Contact main series	Tank #
integrity lest For hydrostatic - if the soil beach tile is although the societies - Following any repair, the spill - Following any repair, the spill - Following any repair, the spill - The private and secondary is for the spill - Forth Welson Like - Forth Welson Like - Forth Welson Like - Forth Welson Like - Tank Size - Product - Tank Size - Product - Indicate units for all mousureme - Eucont Installation Type - Eucont Elevander X Cogoth - Must trans before any any spill - Following Manufactures Woder - Eucont Cleanneter X Cogoth - Must trans before - Following Section Test Obte - Begin I End Test Time - Begin I End Reading - Feet Reading - Secondary Interestic - Flest Test Date - Begin I End Test Time - Feet I Test Total Time - Begin I End Total Time - Feet I Test Total Tot	eas set it must be on their set of their set	shaced or reperied by the stand for tightness or the son of the so	Tenk #	Stackurer's eather/cook is to rest the Interestice int Uses! (If applicable) Tank # Describing Contact main series	Tank #
integrity lest For hydrostatic - if the soil beach tile is although the societies accordance with the internal ac- Following any repair, the spill - Following any repair, the spill - Following any repair, the spill - The private and secondary is for the spill - Test Method Lief - Visional - Tank Size Product (6): Tank Size Product - Repair - Tank Size Product - Tank Size Pro	eas set it must be on their set of their set	staced or reperied by the read for bigitiness. To be tested of the son the so	Tenk #	Stackurer's eather/cook is to rest the Interestice int Uses! (If applicable) Tank # Describing Contact main series	Tank #
integrity lest. For hydrostatic - if the spill busish tile is alpha sociorarce with the interface - - If the spill busish tile is alpha sociorarce with the interface - - Following any repair, the spill - - The person year, the spill - - The person and secondary is followed - - Individual - - In	eas lest it must be pro- tuer's specification or bucket must be mist up to pro- tuer's specification or Other (Specification or Tank # Condensed Section or Page	second or reperied by the read for tightness. of the tightness. of the tightness. Tank # Dioxid Savy Containment surp Pees Fel	manufacturer, or the man se time if vecours is used Test Equipme Tank if Description Ourhammed many Poss Fall Poss Fall	Contained in the present of the pr	Tank #
integrity lest For hydrostatic - of the spill beside this a lighter of the spill beside this a lighter Following any repair, the spill The primary and secondary in Fost Welnot Leet Viscourn Viscourn Tank Site Product Indicate units for all measurement	eas lest it must be pro- tuer's specification or bucket must be mist up to pro- tuer's specification or Other (Specification or Tank # Condensed Section or Page	second or reperied by the read for tightness. of the tightness. of the tightness. Tank # Dioxid Savy Containment surp Pees Fel	manufacturer, or the man se time if vecours is used Test Equipme Tank if Description Ourhammed many Poss Fall Poss Fall	Contained in the present of the pr	Tank #

Spill Bucket Installation Testing

- •Test integrity of both primary and secondary wall of spill bucket
- •Test data documented on the UST-6D/23A form



UST-6D/23A

Triennial UST Spill Bucket Integrity Testing for components installed on or after 11/1/2007



- A separate form should be used for each facility. If there are more than five (5) spill buckets at this facility, make additional copies of this page.
- The last periodic tightness test record must be maintained at the UST site or the tank owner or operators place of business and must be readily available for inspection.
- 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 any defective equipment repaired 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.

UST FACILITY				
Owner / Operator Name	Facility Name		Facility ID#	H
Facility Street Address	Facility City		County	
TESTING CONTRACTOR INF	ORMATION			
Company Name	Phone		E-mail Address	
Mailing Address	City	9/	State	Zip
I certify, under penalty of law, that the manufacturer's guidelines and the app			pment was tested in acc	ordance with the
Dist Name of several	- 15 - 17 - 19 - 19	- Ci		7. 7
Print Name of person of	onducting test		ure of person conducting	test

SPILL BUCKET TESTING

- Spill buckets, installed on or after 11/1/2007, that are not monitored continuously for releases using vacuum, pressure, or hydrostatic methods must be tightness tested at installation and every three (3) years following installation.
- The primary containment and interstitial space of the spill bucket shall be tested in accordance with the manufacturers written guidelines and PEI/RP100 "Recommended Practice for Installation of Underground Liquid Storage Systems."
- If the spill bucket test results are not within the manufacturer's written guidelines or the manufacturer does not have written test evaluation guidelines then any change in level for a hydrostatic test within 1 hour or change in vacuum within 30 minutes for a vacuum test must be considered a failing integrity test. For hydrostatic tests, please indicate the measured depths of water in the spill bucket as the Begin I End Levels.
- If the spill bucket fails a tightness test, it must be replaced or repaired by the manufacturer, or the manufacturer's authorized representative in accordance with the manufacturer's specifications.
- Following any repair, the spill bucket must be re-tested for tightness.
- The primary and secondary walls are both considered to be tested at the same time if vacuum is used to test the interstice.



Test Method Used ☐ Hydrostatic ☐ 1		cuum tests, p rements are			
dentify Spill Bucket (By Number, Stored Product	mercui	ry (Hg)			Tank #
Tank oize Product					•
Indicate units for all measuremen	nts	-	-		-
Bucket Installation Type	☐ Direct Bury ☐ Containment sump				
Bucket Manufacturer/Model		100			
Bucket Diameter X Depth					
Wait time between applying vacuum/water and start of test					
Primary Section Test Date					
Begin I End Test Time	i	i	i	ĺ.	l l
Begin I End Reading	i	j	i	i i	
Test Result	☐ Pass ☐ Fail	☐ Pass ☐ Fa			
Secondary Interstice Test Date					
Begin I End Test Time	i	i	- 1	į.	1
Begin I End Reading	ï	1	1	i] I
Test Result	☐ Pass ☐ Fail	☐ Pass ☐ Fa			

Triennial UST Spill Bucket Integrity lesting

Summary of Installation Testing Requirements

U31-0E/23D			(TA	WK IN	STALLATION	TRIENMAL	TESTING				HCDEH
A separate from should be used. The primary and intervital space. The primary and intervital space is the installation of Underground I. The last product lightness text in Tanks that are not monitored on 2 months from installation, and I may be interested to great or the farth of the intervital of position of the task may be interested for the task may be interested for the task in the interest of the task may be interested for them. If I Supported Peter Later, ILIST Supported Release 2 equipment separate deplaced in Release 2 to pur Notice.	e of the tank iquid Storag scord must to stimuously to every firred shall be tone to must be no ollowing any N Nour Moti	shall be a Systematic r releasing years to sed usin tailed placed repair, se. The	se tested arra." stained b ass. usin following ng a 3"; or repair, the tank suspect	tin according the to g vacua, irretallo party ce red by to c must be ted role	ordance with the risk owner or op arm, pressure, o affect, difficid interestics the manufacture se re-tested for assamust be in-	enator and mu r hydrostatic n tightness lost or or the manu- tightness. Also vestigated, in a	es written; at be read solhode m l'ospetile s facturer's a o a suspec accordance	guidelines and fi illy available for unt be tightness of defecting a D. authorized repre- ted release rep- e with 15A NCA	PEURP100*1 Imspection tested at ire 1 gph leak freentative in ort must be e C 291 0603	Recommende stallation, betwoen the inner of accordance is submitted on a and any defo	meen 5 and or outer swi Ath the LUST-17A ctive
UST FACILITY											
Owner / Operator Name			Facility	y Name	•			Feelity IDE:			
Facility Street Address			Facilit	y City				County			
TESTING CONTRACTOR II	NFORMA	TION									
Company Name					Phone			E-ma	il address		
Visiting Address					City				State	Zip	
Print Name of person	conducting	tend		-	_		Signati	use of person c	onducting to	mat.	
identify Tank (Tank Number, etc.)	Tank#			Tank	,	Tank #		Tank#		Tank #	
manag rama (rama-warana rawa)	1001010							14		1.0	
Tank Size Product			\dashv			+				+	
UST Type											
UST types: FRP, Steel Jacketed,	Steel/CLAS), lt	ndicate	units (or all measur	ements:					
. Pre-installation testing			/acuum	/Press	ure Gauge Ra	inge:					
Test Date		_									
Interstitiel space - Liquid Filled o	e Vacuum	. 1	est me	thod: [Vecuum [Liquid filled/	other:				
Segin End Test Time (liquid)			_								
Begin End Level (liquid)			_								
Segin End Test Time			_								
Begin End Pressure/Vecuum											
Test Result	☐ Pass	□ Fa	à	☐ Po	is 🗆 Fail	☐ Pess	☐ Feil	☐ Pass	☐ Feil	☐ Passo	☐ Fail
Liquid visible on inside/outside of tank (if applicable)	☐ Yes	□ No		□ Ye	s □ No	☐ Yes	□ No	☐ Yes	□ No	☐ Yes	□ No
I. Post-installation/triennial testin	ng	1	lightnes	is Test	Model (if app	dicable):					_
Fest Date: Begin End											
Interstitial space - Liquid Filled/C	Other.	Test	method	d:□V	ecuum 🗌 Liq	uid filled/othe	r:				
Begin End Test Time (liquid)											
Begin End Level (liquid)											
Segin End Test Time										1	
Segin End Pressure/Vecuum											
	☐ Passs	□ Fe		□ Pa	is 🗆 Fail	☐ Pess	☐ Fell	☐ Pass	☐ Feil	☐ Passo	□ Fail

Tank Installation Testing

- •Tightness of interstice prior to placement in pit
- Post-Installation tightness test
- •Test data documented on the UST-6E/23D form



UST-6E/23D

Application to Install or Replace Underground Storage Tank Systems



(TANK INSTALLATION/TRIENNIAL TESTING)

- A separate form should be used for each facility. If there are more than five (5) tanks at this facility, make additional copies of this page.
 The primary and interstitial space of the tank shall be tested in accordance with the manufacturers written guidelines and PEI/RP100 "Recommended Practice for Installation of Underground Liquid Storage Systems."
- > The last periodic tightness test record must be maintained by the tank owner or operator and must be readily available for inspection.
- Tanks that are not monitored continuously for releases using vacuum, pressure, or hydrostatic methods must be tightness tested at installation, between 6 and 12 months from installation, and every three years following installation.
- > The interstitial space of the tank shall be tested using a 3rd party certified interstice tightness test capable of detecting a 0.1 gph leak from the inner or outer wall of the interstice for the tank model that is installed.
- If the tank fails a tightness test, it must be replaced or repaired by the manufacturer or the manufacturer's authorized representative in accordance with the manufacturer's specifications. Following any repair, the tank must be re-tested for tightness. Also 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 any defective equipment repaired/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.

Release / Day Notice.										
UST FACILITY										
Owner / Operator Name		Facility	/ Nam	е		Facili	ty ID#:			
Facility Street Address		Facility	/ City			Coun	ty			
TESTING CONTRACTOR I	NFORMATIC	DΝ				<u> </u>				
Company Name				Phone			E-mail	address		
Mailing Address				City				State		Zip
Print Name of person	conducting test	t			Signat	ure of p	erson co	nducting test		
Identify Tank (Tank Number, etc.)	Tank#		Tank	#	Tank#	Ta	ank#		Tan	k #
Tank Size										
Product										
UST Type										
UST types: FRP, Steel Jacketed,	Steel/CLAD,	Indicate	units	for all measurer	nents:					
stallation testing		Vacuum/	Press	sure Gauge Ran	qe:					
UST-6E/	23D									
CDENR "Tank Installation/I		ting"								
nd Test Time (liquid)				:	:			:		

UST Type										
UST types: FRP, Steel Jacketed,	Steel/CLAD,	Indicate	units for	all measure	ments:					
I. Pre-installation testing		Vacuur	n/Pressure	e Gauge Ran	ge:					
Test Date										
Interstitial space - Liquid Filled o	r Vacuum	Test me	ethod: 🔲	Vacuum 🔲 L	iquid filled/	other:				
Begin i End Test Time (liquid)										
Begin i End Level (liquid)										
Begin i End Test Time										
Begin i End Pressure/Vacuum										
Test Result	☐ Pass [Fail	☐ Pass	☐ Fail	☐ Pass	☐ Fail	☐ Pass	☐ Fail	☐ Pass	Fail
Liquid visible on inside/outside of tank (if applicable)	☐ Yes [□ No	☐ Yes	□ No	☐ Yes	□ No	☐ Yes	□ No	☐ Yes	□ No
II. Post-installation/triennial testi	ng	Tightne	ess Test M	odel (if appli	cable):					_
Test Date: Begin End										
Interstitial space - Liquid Filled/0	Other.	Test metho	od: ☐ Vac	uum 🔲 Liqui	d filled/othe	er:				
Begin i End Test Time	'			•		•				
David Saltania (Ch	∖ Fo	r vacu	ium te	ests, ple	ease ii	ndicate	wheth	ner		;
Begin i End Level (liqui	ALC: UNIVERSITY OF THE PARTY OF					es of wa				
Begin i End Test Time		ercury								
Begin i End Pressure/Vacuum	,	,	. 0,	,	ı	,		,		
Test Result	Pass [Fail	☐ Pass	: ☐ Fail	☐ Pass	∷ □ Fail	☐ Pass	: □ Fail	Pass	∷ □ Fail
Liquid visible on inside of tank] No	Yes	□ No	Yes	□ No	Yes	□ No	Yes	□ No
NORTH CAROLINA DEPART										
IL SERVICE CENTER, RA						(919) 715-11				



UST-6E/23D
"Tank Installation/Triennial Testing"

Summary of Installation Testing Requirements

 A separate form should be ut 				on or after 1		hone copies of the
page						
 The last periodic tightness to available for inspection. 	HE RECORD ITS SE IS	antaned at the US	ste or the tank own	air, or oberazour brace	of business and mu	ust be readily
 If any periodic test fails, a surelease must be investigated 	in accordance with	15A NOAC 2N J00	 and any defective. 	aquipment repaired	in accordance with 1	ce. The suspected ISA NCAC 2N
D4D4 0900. Results of the i	nvestigation must be	autorettied on a US	T-178 form, US7 Ser	specified Release 7 ()	ey Natice.	
UST FACILITY Dense / Decretor Name		Feolity Name			Facety IDE	
Facility Street Address		Facility City			County	
TESTING CONTRACTO	R INFORMAT			1180 - 2000		
Company Name		Phone		Ernel Address	6	
Making Address		Chy		1/2	State	Zip
Ficertify, under penalty of law,					was tested in accor	dance with the
manufacturer's guidelines and	the applicable ratio	nal industry standar	es estell in 15A NCA	C 291 .0900.		
Print Name of person	Company of the Control of the Contro	OUTSHINE	Signature of person	The state of the s	MD TECTOR	
> Containment sumps that are				TAINMENT SU	All the second s	
rightness tested at installation. Recommended Practice for if the containment sump or it evaluation guidelines from an	IDC test results are	not within the manu	facturer's written pui	delines of the manufi- age in viscuum within	oturer does not have 1 hour for a vacuum	e writters lest.
Recommended Practice for If the containment dump or U evaluation guidelines from an considered a failing integrity If a UDC I containment sum authorized representative in Following replacement or reg	JOC test results are re charge in level to test. For hydrostatic of falls a periodic tight accordance with the	not within the manu- r a hydrostatic test vi- teets, please indica- ness test, the cump manufacturer's spe-	facturer's written gui- eithin 4 hours or chier in the measured dep must be replaced or offostions.	nge in viscuum within the of visiter in the su required by the man was	1 hour for a vecture mp as the Begin (Di ufacturer, or the ma	r feet ryunt be nd Levete.
Recommended Practice for if the containment dump or L evaluation guidelines from an considered a failing integrity if a UDC i containment surg- authorized representative in	JOC test results are re charge in level to test. For hydrostatic of falls a periodic tight accordance with the	not within the manu- r a hydrostatic leaf vi- tests, please indica- ness test, the sump manufacturor's spe- imment sump must t	facturer's written gui- eithin 4 hours or chier in the measured dep must be replaced or offostions.	nge in vectors within the of visiter in the au repaired by the man	1 hour for a vecture mp as the Begin (Di ufacturer, or the ma	r feet ryunt be nd Levete.
Recommended Proctors for if the containment during or L evaluation guidelines than an considered a falling integrity in a UDC i containment sum authorized representative in 5 februing replacement or rep. Fast Method Used:	IDC test results are ny change in level to test. For hydrostatic of falls a periodic tight accordance with the pair, the UDC ricords	not within the manu- r a hydrostatic leaf vi- tests, please indica- ness test, the sump manufacturor's spe- imment sump must t	facturer's written gui- eithin 4 hours or chier in the measured dep- must be replaced or offostions.	nge in viscuum within the of visiter in the su required by the man was	1 hour for a vecture mp as the Begin (Di ufacturer, or the ma	r feet ryunt be nd Levete.
The contained in Procise to by If the containment camp or to an advantage guidelines from an considered in failing relegative If a USC 1 containment camp in authorized in greenerably in Following replacement or reg [mit Method Lieu Vecuam certify USC from y See September 1 See Stored Produit	JOC test results are not to the starting in fireting in the starting in the st	not within the manu- a hydrostatic hard- bests, please inclus- tests, please inclus- ness test, the sump- manufacturer's spe- minant sump-mad to soft/i Dispenser # Tank #	Soturer's writer gui either 4 hours or the in the measured day must be replaced or officiations, as re-hashed for fights Dispenser #	nge in vacuum within the of visiter in the su- required by the man was. Test Equipment Use [Dispersor #	7 hour for a vecture mp as the Begin (Disabetturer, or the ma and () applicable ()	fest resal be nd Lamps. nufscturer's
The contained in Procise to by If the containment camp or to an advantage guidelines from an considered in failing relegative If a USC 1 containment camp in authorized in greenerably in Following replacement or reg [mit Method Lieu Vecuam certify USC from y See September 1 See Stored Produit	JOC test results are not to the starting in fireting in the starting in the st	not within the manu- a hydrostatic hard- bests, please inclus- tests, please inclus- ness test, the sump- manufacturer's spe- minant sump-mad to soft/i Dispenser # Tank #	Soturer's writer gui either 4 hours or the in the measured day must be replaced or officiations, as re-hashed for fights Dispenser #	nge in vacuum within the of visiter in the su- required by the man was. Test Equipment Use [Dispersor #	7 hour for a vecture mp as the Begin (Disabetturer, or the ma and () applicable ()	fest resal be nd Lamps. nufscturer's
Recommended Practice for # the contribution of commended recommended in the monadation guadelines from its considered at failing indepth # if USC if containment sum; authorized ingrecemental vie # Following replecement or reg The Nethod Lises: Vocuum Vo	JOC test results are not to the starting in fireting in the starting in the st	not within the manu- a hydrostatic hard- bests, please inclus- tests, please inclus- ness test, the sump- manufacturer's spe- minant sump-mad to soft/i Dispenser # Tank #	Soturer's writer gui either 4 hours or the in the measured day must be replaced or officiations, as re-hashed for fights Dispenser #	nge in vacuum within the of visiter in the su- required by the man was. Test Equipment Use [Dispersor #	7 hour for a vecture mp as the Begin (Disabetturer, or the ma and () applicable ()	fest resal be nd Lamps. nufscturer's
Recommended Proches for #The contribution of purpose of the optimization guidelines from its #The USC 1 contribution of shirtly #The U	JOC test results are not to the starting in fireting in the starting in the st	not within the manu- a hydrostatic hard- bests, please inclus- tests, please inclus- ness test, the sump- manufacturer's spe- minant sump-mad to soft/i Dispenser # Tank #	Soturer's writer gui either 4 hours or the in the measured day must be replaced or officiations, as re-hashed for fights Dispenser #	nge in vacuum within the of visiter in the su- required by the man was. Test Equipment Use [Dispersor #	7 hour for a vecture mp as the Begin (Disabetturer, or the ma and () applicable ()	fest resal be nd Lamps. nufscturer's
Recommended Proctice for # The contribution of sure for an interest came or an interest came or and the contribution of # In USC I contributioned sure authorized representably we # EUDC I contributioned as in # Endowing replacement or ing # Interest Method Least Woodurn Woodurn	OC tey routs are you charge in level to test. For hydrostatic fisite a pended fisite a pended fisite a pended pended accordance with the part, the UDC routs of Dispenser # Other (Sp. Dispenser # Tank # Other (Sp. Dispenser # Tank # Other (Sp. Dispenser # Other (Sp. Dispenser # Tank # Other (Sp. Dispenser # Tank # Other (Sp. Dispenser # Other	not within the manu, a hydrocate is a hydrocate to a hydrocate to see the series held the summarise the summarise the summarise that the summarise	facturer within gas with 4 hours or char in the measured day in the measured day in the measured day in the measured day in the day of the day	ge in viscuum within in the su- registred by the man was. Text Equipment Us Dispersion #	1 hour for a vaccuum group as the Begin LB substituter, or the man and if applicable) Dispersor # Tank #	Track #
Recommended Proctice for # The contribution guidelines from an oranishment surp or oranishment surp or oranishment surp or # a USC 1 contributioned surp authorities of a failing indepth # of USC 1 contributioned surp authorities of processed surp authorities of processed surp # footoming replacement or no family Method Laboratory Processed Vecuum Processed Vecuum Processed Vecuum Processed Vecuum Processed Vecuum Processed Vecuum V	OC text reduts nor yet the property of the pro	not within the manual or a bydomate in a bydomate in the state, pleases include the same present in the ourse manual test. The ourse manual test the ourse manual test and present supplement suppleme	inductor within gas thin 4 hours or their in the measured day in the house of the in the measured day of their inductors, in the character in	ge in viscum within his or opening in the su required by the more was. Test Equipment the Dispenser #	1 hour for a vaccuum group as the Segiri ID substitutes, or the manded IF applicables) Dispersor # Trank #	Track #
Teconomended Proctoe for If the containment camp or to enviolation guidelines from its considered in failing indegral If a UDC I containment sum authorized in presental by in F 500 processing replacement or replacement or processing replacement or processing to processing processing to processing processing to processing processing to processing t	OC text reducts are yet charge in level to better. For hydrostatic total reduct for hydrostatic total reducts reduced from the pain of the hydrostatic total reduced from the LEC receivant of the LEC reducts reduced from the LEC reducts reducts reducts reducts reduced from the LEC reducts reducts reducts reducts reduced from the LEC reducts reducts reducts reducts reducts reducts reducts res	not within the manu a bydenate in a bydenate in teels, please incluse incluse inclusions and inclusions and inclusions and including in speciment author must be sootly in the sootly including the sootly included the sootly including the sootly included	inclusion withou gas with 4 frours or char in the answered day must be registered as you considered to the confidence of	ge in viscum within his organization in the su- organized by the man was. Test Equipment Use Dispersion # Tank # FRP Plantic Bingle Walt	1 hour for a vector may not the Begin ID Landscharter, or the market of applicable) Dispersion # Dispersion # FRP Plants Dispersion # Dispersion Dispersion # Dispersion	of Leasts. nutliciture* Disperser # Tank # Fast Plaste Single Wall
Toccommended Proctice to it If the containment camp or it or an interest camp or it or an interest camp or it or an interest camp or it or it is of a large risegary. If a UDC i containment camp is offered in interest camp or it or right Method Lieut Tank Size Frank Size. Frank Size. Frank Size. Frank Size. Frank Size. Frank Method Lieut Tank Size. Frank Size. Samp Manufacture Samp Immalation Type modicate units for all measurems Samp Diameter or Length X.	OC text reducts are yet charge in level to better. For hydrostatic total reduct for hydrostatic total reducts reduced from the pain of the hydrostatic total reduced from the LEC receivant of the LEC reducts reduced from the LEC reducts reducts reducts reducts reduced from the LEC reducts reducts reducts reducts reduced from the LEC reducts reducts reducts reducts reducts reducts reducts res	not within the manu a bydenate in a bydenate in teels, please incluse incluse inclusions and inclusions and inclusions and including in speciment author must be sootly in the sootly including the sootly included the sootly including the sootly included	inclusion withou gas with 4 frours or char in the answered day must be registered as you considered to the confidence of	ge in viscum within his organization in the su- organized by the man was. Test Equipment Use Dispersion # Tank # FRP Plantic Bingle Walt	1 hour for a vector may not the Begin ID Landscharter, or the market of applicable) Dispersion # Dispersion # FRP Plants Dispersion # Dispersion Dispersion # Dispersion	of Leasts. nutliciture* Disperser # Tank # Fast Plaste Single Wall
Toccommended Proctice to in- if the containment camp or it if the containment camp or it in a substance of the pro- in a UDG I containment camp or if a UDG I containment camp if a UDG I containment camp if the understance of the pro- in a UDG I containment or regiment in the pro- i	OC text reducts are yet charge in level to better. For hydrostatic total reduct for hydrostatic total reducts reduced from the pain of the hydrostatic total reduced from the LEC receivant of the LEC reducts reduced from the LEC reducts reducts reducts reducts reduced from the LEC reducts reducts reducts reducts reduced from the LEC reducts reducts reducts reducts reducts reducts reducts res	not within the manu a bydenate in a bydenate in teels, please incluse incluse inclusions and inclusions and inclusions and including in speciment author must be sootly in the sootly including the sootly included the sootly including the sootly included	inclusion withou gas with 4 frours or char in the answered day must be registered as you considered to the confidence of	ge in viscum within his organization in the su- organized by the man was. Test Equipment Use Dispersion # Tank # FRP Plantic Bingle Walt	1 hour for a vector may not the Begin ID Landscharter, or the market of applicable) Dispersion # Dispersion # FRP Plants Dispersion # Dispersion Dispersion # Dispersion	Trail be nd Leasts. nglicture's Disperser # Trail # Fig. Plaste Single Wall
Toccommended Proctice to be If the containment camp or to a three containment camp or to a three containment camp or to a three containment camp or If a UDG I containment camp I containment camp I containment	OC text reducts are yet charge in level to better. For hydrostatic total reduct for hydrostatic total reducts reduced from the pain of the hydrostatic total reduced from the LEC receivant of the LEC reducts reduced from the LEC reducts reducts reducts reducts reduced from the LEC reducts reducts reducts reducts reduced from the LEC reducts reducts reducts reducts reducts reducts reducts res	not within the manu a bydenate in a bydenate in teels, please incluse incluse inclusions and inclusions and inclusions and including in speciment author must be sootly in the sootly including the sootly included the sootly including the sootly included	inclusion withou gas with 4 frours or char in the answered day must be registered as you considered to the confidence of	ge in viscum within his organization in the su- organized by the man was. Test Equipment Use Dispersion # Tank # FRP Plantic Bingle Walt	1 hour for a vector may not the Begin ID Landscharter, or the market of applicable) Dispersion # Dispersion # FRP Plants Dispersion # Dispersion Dispersion # Dispersion	of Leasts. nutliciture* Disperser # Tank # Fast Plaste Single Wall
Toccommended Proctice for # The contributed care or an extended or an extended or an extended or # In USC I contributed sum authorized representative # In USC I contributed authorized # In USC I contributed # In USC I c	OC tery robusts are yet charge in level to test. For hydrostation to sea. For hydrostation to this is perheduced as the sea of the LDC robusts of	incl within the many in hydroline hand it said to test in hydroline hand it said to test, pleases incline measurest. The ourse manufacturer's opening manufactur	inclusion withou gas with 4 frours or char in the answered day must be registered as you considered to the confidence of	ge in viscum within his organization in the su- organized by the front was. Test Equipment Use Dispersor # Tank # FRP Plantic Bingle Walt Double West	1 hour for a vector may not the Begin ID additioner, or the may not the Begin ID additioner, or the may not of applicable. Dispersor # Trank # Plants Plants	TRP Plante Double Wist
Toccommended Proctoe for If the containment camp or If the optimizer and If the containment camp or If the containment camp or If a UDC I containment sum authorizer of a failing indegray If a UDC I containment on rei If the containment or If the contain	OC text reducts are yet charge in level to better. For hydrostatic total reduct for hydrostatic total reducts reduced from the pain of the hydrostatic total reduced from the LEC receivant of the LEC reducts reduced from the LEC reducts reducts reducts reducts reduced from the LEC reducts reducts reducts reducts reduced from the LEC reducts reducts reducts reducts reducts reducts reducts res	not within the manu a bydenate in a bydenate in teels, please incluse incluse inclusions and inclusions and inclusions and including in speciment author must be sootly in the sootly including the sootly included the sootly including the sootly included	inclusion withou gas with 4 frours or char in the answered day must be registered as you considered to the confidence of	ge in viscum within his organization in the su- organized by the man was. Test Equipment Use Dispersion # Tank # FRP Plantic Bingle Walt	1 hour for a vector may not the Begin ID Landscharter, or the market of applicable) Dispersion # Dispersion # FRP Plants Dispersion # Dispersion Dispersion # Dispersion	Trail be nd Leasts. nglicture's Disperser # Trail # Fig. Plaste Single Wall
Toccommended Proctice to it If the containment camp or it and the containment camp or it and a substitution guidelines from an ornalident of silling indegrit, If a UDG I containment sum authorized regresserably en Following replacement or regiment with Method Libert Hydrodistic Vacuum derafty UDChlump (By Departison No. 7 Tear Murcher, Test Size. Storand Product) Transition sumps should be tild Tank Size. Product Cump Manufacture Sump Implication Type medicate units for all measurem Sump Dispresser or Length X. Moth Sump Dispresser or Length X. Moth Somp Dispresser applying closure United and dat of test lines Dispress and dat of test lines Dispress	OC tey redut are ry charge in level to test. For hydrostatic total For hydrostatic foil in periods foil in periods foil in periods occordance with the part, the UDC recents of Tank # Disperser # Other (Sp. Oth	not within the manu- a is hydrounter than to seek, pleases inclu- to- to- to- to- to- to- to- to- to- to	industric within gain with 4 hours or chief in the measured day in the house of the measured day in the house of the house of colorisons, on the families of the house of the	ge in viscum within his organization in the su- organized by the front was. Test Equipment Use Dispersor # Tank # FRP Plantic Bingle Walt Double West	Pour for a vector propose the Begin II Begin II Begin II Charles	Disperser # Tank # Disperser # Tank # FRIR Plante Double Wall Double Wall

UDC/Containment Sump Testing

- •Test integrity of containment sump
- •When using a hydrostatic test, water must cover all penetrations
- •Test data documented on the UST-6F/23B form



UST-6F/23B

Triennial UST Containment Sump / UDC Integrity Testing (for components installed on or after 11/1/2007)



- A separate form should be used for each facility. If there are more than six (6) UDC / containment sumps at this facility, make additional copies of this page.
- The last periodic tightness test record must be maintained at the UST site or the tank owner or operators place of business and must be readily available for inspection.
- 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 any defective equipment repaired 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.

.0404/.0900. Results of the investigati	on must be submit	ted on a UST-17B form,	UST Suspected Release 7 Da	y Notice.				
UST FACILITY								
Owner / Operator Name	Faci	Facility Name Facility ID#:						
Facility Street Address	Faci	Facility City County						
TESTING CONTRACTOR INF	ORMATION		/					
Company Name		Phone	E-mail Address	E-mail Address				
Mailing Address	City	,	State	Zip				
I certify, under penalty of law, that the t manufacturer's guidelines and the appl				was tested in ac	cordance with the			
Print Name of person conducting	ng test	Signature o	f person conducting test					
UNDER DISPE	NSER CONT.	AINMENT (UDC)	CONTAINMENT SUI	MP TESTIN	G			
> Containment sumps that are not moni								

- Containment sumps that are not monitored continuously for releases using vacuum, pressure, or hydrostatic interstitial monitoring methods shall be tightness tested at installation and every three (3) years following installation in accordance with the manufacturer's written guidelines and PEI/RP100, "Recommended Practice for Installation of Underground Liquid Storage Systems."
- If the containment sump or UDC test results are not within the manufacturer's written guidelines or the manufacturer does not have written test evaluation guidelines then any change in level for a hydrostatic test within 4 hours or change in vacuum within 1 hour for a vacuum test must be considered a failing integrity test. For hydrostatic tests, please indicate the measured depths of water in the sump as the Begin i End Levels.
- If a UDC / containment sump fails a periodic tightness test, the sump must be replaced or repaired by the manufacturer, or the manufacturer's authorized representative in accordance with the manufacturer's specifications.
- Following replacement or repair, the UDC / containment sump must be re-tested for tightness.

ATA NCDENIB	UST-6F/23B "Triennial UST Containment Sump/UDC Integrity Testing"
MCDENK	memilal 031 Containment Sump/ODC integrity resting

Test Equipment Used (If applicable)

spenser #

Test Method Used

considered a failing integrity If a UDC / containment sump authorized representative in a Following replacement or rep	test. For hydrostatic fails a periodic tight accordance with the	tests, please indicate ness test, the sump manufacturer's spec	e the measured dept must be replaced or ifications.	hs of water in the sur repaired by the man	mp as the Begin i Er	nd Levels.	
Test Method Used Hydrostatic Vacuum	☐ Other (Sp	ecify)		Test Equipment Use	ed (If applicable)		
Identify UDC/sump (By Dispenser No. or Tank Number, Tank Size, Stored Product)	□Dispenser # □Tank #	□Dispenser # □Tank #	□Dispenser # □Tank #	□Dispenser# □Tank#	□Dispenser # □Tank #	□Dispenser # □Tank #	
Transition sumps should be list	ed above as "TS-X	X" (with XX= sum	p ID#)			777	
Tank Size Product							
Sump Manufacturer							
Sump Material	☐ FRP ☐ Plastic	☐ FRP ☐ Plastic	☐ FRP ☐ Plastic	☐ FRP ☐ Plastic	☐ FRP ☐ Plastic	☐ FRP ☐ Plastic	
Sump Installation Type	☐ Single Wall ☐ Double Wall	☐ Single Wall ☐ Double Wall	☐ Single Wall ☐ Double Wall	☐ Single Wall ☐ Double Wall	☐ Single Wall ☐ Double Wall	☐ Single Wall ☐ Double Wall	
Indicate units for all measureme	ents	•	,			**************************************	
Sump Diameter or Length X Width				j			
Sump Depth							
Wait time between applying vacuum/water and start of test							
Test Date							
Begin i End Test Time	1	i	i	i	i	1	
Begin i End Level	I I		ı	ı	ı	ì	
Test Result	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail	
Comments – (include infor	mation on repairs ma	ade prior to testing, a	nd recommended fo	llow-up for failed test	's)		
Date next Containment S				Contract of the contract of th			
TH CAROLINA DEPAR		NMENT AND NATU	RAI RESOURCES	DIVISION OF WAST	TE MANAGEMENT	UST SECTION 03/12	



Summary of Installation Testing Requirements

UST-6G/23C		riennia for comp									*CDEH	
A separate form should be us The primary containment and Thecommended Practice for The law periodic lightness te if any periodic lightness te if any periodic text field, a sur- mentigated in accordance w of the invastigation must be a Piping that is not monitoned o every three years following if the piping fails a lightness of with the manufacturer is spec- with the manufacturer is spec-	I intentitial Installation et record m spected reli- ith 15A NC submitted o continuously installatio sest, it must	space of the of Undergrou ust be maint sese report if AC 2N .0603 in a UST-178 y for releases in, be replaced	piping s and Liqui sined by sust be s t, and an iform, b using v or repair	hall bid Size the to submit y defe SI Si securi	e tested in orage Syste ank owner/ itted on a U lective equi- orapacted A m, pressure y the menu	accordance ms." operators an IST-17A form preent repair teleasse 7 De L or hydrosti facturer or th	with the m of must be it. UST Su set in acco by Notice. with metho we manufe	enufacturer readily avai spected Rei rdance with is must be durer's auti	s written guid lable for insp eese 24 Hour 15A NCAC 2 Sightness te	telines and F ection. • Notice, and tv . D4D4/ 09 sted at Inst	EVRP100 j 00. Result allation a	
UST FACILITY												
Owner/Operator Name		Facility	Name				Fe	city ID#:				
Facility Street Address		Facility	City				- 0	unty				
TESTING CONTRACTOR	INFORM	ATION										
Company Name				Pho	rne			E-ma	il Address			
Mailing Address				City	,				State	Zø		
Print Name of per	rson condu	oting test					Signat	ure of perso	n conducting	test		
identify piping system (By Tank Number, Stored Product, etc.) Tank Size	Tank#		Tank	•		Tank#		Tank #		Tank #		
Product												
Piping Type(DW FRP, DW Flex, Other)												
Piping Configuration				Pressurized Pressurized			☐Pressurized ☐Suction		☐Pressurized ☐Suction			
Piping Manufacturer								T				
Pipe Model (Part No.)												
l. Installation	Indicate	units for all	measun	emen	rts							
Test Date												
A. Primary pipe & fittings scap t	est											
Begin End test time												
Begin End air pressure												
Primary Test Result	☐ Pana	D/el	□ Pa	100	□ Feil	☐ Pass	□ Fel	□ Pass	□ Fel	☐ Pess	□ Pait	
B. Secondary interstice & fitting								-		-		
Begin i End test time												
Begin i End air pressure												
Secondary Test Result	☐ Passs		□Pa		☐ Feil		☐ Feil	☐ Pess	☐ Feil	☐ Pess	☐ Fail	
II. Post-Installation / Trien						m)						
A. Primary Pipe Test (Note: Mu	st be a thir	d-party cert	fled fig	Ytnes	is fest)			,				
Line tightness test model name												
Line tightness test date												
Line Tightness Test Result	☐ Passo	☐ Feil	□ Pa	99 E] Feil	☐ Pess	Feil	☐ Pess		☐ Poss	☐ Feil	
ALLD Test Results	Pass NA (s	Fail uction pipe)	□ Pa		Fail dian pipe)		Pass Fail		Pess Fail		Pass Fail	
B. Secondary Interstice Test												
Test Method Used	Diseason	re Vacuum	Dpres	aure(Dpressur	e[] racuur	- Opressu	mDiacont.	Dheesn	ne[]vacu	
Text Date												
Begin End test time							1					
Vacuum/pressure reading at							1					
begin end of test Secondary Test Result	☐ Pass		10-		□ Fail	☐ Pass	□ Fail	n.	. □ Fail	☐ Pass	On-	

Piping Installation Testing

- Before backfilling, test piping primary and secondary
- •Post-Installation line tightness testing of the primary and interstitial spaces
- •Test data documented on the UST-6G/23C form



UST-6G/23C

Triennial UST Piping Integrity Testing for components installed on or after 11/1/2007



- A separate form should be used for each facility. If there are more than five (5) piping systems at this facility, make additional copies of this page.
- The primary containment and interstitial space of the piping shall be tested in accordance with the manufacturers written guidelines and PEI/RP100 "Recommended Practice for Installation of Underground Liquid Storage Systems."
- The last periodic tightness test record must be maintained by the tank owner/operators and must be readily available for inspection.
- If any periodic test fails, a suspected release report must be submitted on a UST-17A form, UST Suspected Release 24 Hour Notice, and investigated in accordance with 15A NCAC 2N .0603, and any defective equipment repaired 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.
- Piping that is not monitored continuously for releases using vacuum, pressure, or hydrostatic methods must be tightness tested at installation and every three years following installation.
- If the piping fails a tightness test, it must be replaced or repaired by the manufacturer or the manufacturer's authorized representative in accordance with the manufacturer's specifications. Following any repair, the piping must be re-tested for tightness.

with the manufacturer's specifications. Following any repair, the piping must be re-tested for tightness.													
UST FACILITY													
Owner/Operator Name				Facility ID#:									
Facility Street Address		Facility City						County					
TESTING CONTRACTOR INFORMATION													
Company Name	Company Name Phone							E-mail Address					
Mailing Address			City					State	Zip				
										_			
Print Name of pe	rson conductin	ig test			Sig	gnature o	r persor	n conducting te	est				
Identify piping system (By Tank Number, Stored Product, etc.)	Tank#	Tank	(#	# Tank #			ank#		Tank #				
Tank Size Product													
Piping Type(DW FRP, DW Flex, Other)													
Piping Configuration	☐Pressurize	-	essuriz uction	ssurized Pressurized Suction		☐Pressurized☐Suction		□Pressurized □Suction					
Piping Manufacturer													
UST-6G/	23C												
DENR "Triennial UST Pipin		Testing"											
	,							_					

Piping Type(DW FRP, DW Flex, Other)											
Piping Configuration	□Pressurized		□Pressurized		□Pressurized		□Pressurized		□Pressurized		
- iping companion	Suction	Suction			Suction	Suction		Suction		Suction	
Piping Manufacturer											
Pipe Model (Part No.)											
I. Installation	Indicate i	units for all r	neasureme	nts							
Test Date											
A. Primary pipe & fittings soap t	est										
Begin i End test time											
Begin i End air pressure											
Primary Test Result	☐ Pass	☐ Fail	☐ Pass	☐ Fail	☐ Pass	☐ Fail	☐ Pass	☐ Fail	☐ Pass	☐ Fail	
B. Secondary interstice & fitting	s soap tes	t.									
Begin i End test time											
Begin i End air pressure											
Secondary Test Result	☐ Pass	☐ Fail	☐ Pass	☐ Fail	☐ Pass	☐ Fail	☐ Pass	☐ Fail	☐ Pass	☐ Fail	
II. Post-Installation / Trier	ınial Tesi	ting: (Attac	h test data s	heets to for	m)						
A. Primary Pipe Test (Note: Mu	st be a thir	d-party certi	fied tightne	ss test)							
Line tightness test model name											
Line tightness test date											
Line Tightness Test Result	☐ Pass	☐ Fail	☐ Pass ☐ Fail		☐ Pass ☐ Fail		☐ Pass ☐ Fail		☐ Pass ☐ Fail		
ALLD Test Results	☐ Pass	☐ Fail	☐ Pass ☐ Fail		☐ Pass ☐ Fail		☐ Pass ☐ Fail		☐ Pass ☐ Fail		
	□ N/A (s	uction pipe)	☐ N/A (Suction pipe)		☐ N/A (Suction pipe)		☐ N/A (Suction pipe)		☐ N/A (Suction pipe)		
B. Secondary Interstice Test											
Test Method Used	□pressu	re 🗆 vacuum	□pressure□vacuum		□pressure□vacuum		□pressure□vacuum		□pressure□vacuum		
Test Date											
Begin i End test time											
Vacuum/pressure reading at begin i end of test											
Secondary Test Result	☐ Pass		☐ Pass		☐ Pass	☐ Fail	☐ Pass		☐ Pass		
RTH CAROLINA DEPART	MENT OF	ENVIRONME	NT AND NA	TURAL RE	SOURCES	DIVISIONO	E WASTE M	ANAGEME	NT USTS	ECTION	

03/12

Line Tightness Tests

- Must be conducted at 1.5 times operating pressure (minimum 50 psi)
- Test data must be included with report that is attached to UST-6G



Remember that line tightness tests are required on all regulated piping, including remote fills, tank manifolds, European suction, return lines, etc. that are monitored using sump sensors

Leak Detection Console Printouts

Sensor Setup

 A copy of the sensor setup from the leak detection monitoring console must be included



Each sensor should be named uniquely and with clarity as to what it is monitoring

GENERIC STORE #123 1234 MAIN STREET ANYTOWN NC

05-24-12 15:00

LIQUID SENSOR SETUP

05-24-12 15:00

L 1: REG STP SUMP TRI-STATE (SINGLE FLOAT) CATEGORY : STP SUMP

L 2: REG ANNULAR TRI-STATE (SINGLE FLOAT) CATEGORY : ANNULAR SPACE

L 3: REG SPILL BUCKET NORMALLY CLOSED CATEGORY : OTHER SENSOR

L 4: PREM STP SUMP TRI-STATE (SINGLE FLOAT) CATEGORY : STP SUMP

L 5: PREM ANNULAR TRI-STATE (SINGLE FLOAT) CATEGORY : ANNULAR SPACE

L 6: PREM SPILL BUCKET NORMALLY CLOSED CATEGORY : OTHER SENSOR

L 7: DIESEL STP SUMP TRI-STATE (SINGLE FLOAT) CATEGORY : STP SUMP

L 8: DIESEL SPILL BUCKET NORMALLY CLOSED CATEGORY : OTHER SENSOR

L 9: MPD 1-2 TRI-STATE (SINGLE FLOAT) CATEGORY : DISPENSER PAN

L10: MPD 3-4
TRI-STATE (SINGLE FLOAT)
CATEGORY : DISPENSER PAN

L11: MPD 5-6
TRI-STATE (SINGLE FLOAT)
CATEGORY : DISPENSER PAN

L12: MPD 7-8 TRI-STATE (SINGLE FLOAT) CATEGORY : DISPENSER PAN

* * * * * END * * * * *

Leak Detection Console Printouts

Sensor Status

 A copy of the sensor status from the leak detection monitoring console must be included GENERIC STORE #123 1234 MAIN STREET ANYTOWN NC

05-24-12 15:00

LIQUID STATUS

05-24-12 15:00

L 1: REG STP SUMP SENSOR NORMAL

L 2: REG ANNULAR SENSOR NORMAL

L 3: REG SPILL BUCKET SENSOR NORMAL

L 4: PREM STP SUMP SENSOR NORMAL

L 5: PREM ANNULAR SENSOR NORMAL

L 6: PREM SPILL BUCKET SENSOR NORMAL

L 7: DIESEL STP SUMP SENSOR NORMAL

L 8: DIESEL SPILL BUCKET SENSOR NORMAL

L 9: MPD 1-2 SENSOR NORMAL

L10: MPD 3-4 SENSOR NORMAL

L11: MPD 5-6 SENSOR NORMAL

L12: MPD 7-8 SENSOR NORMAL

* * * * * END * * * * *

GENERIC STORE #123 1234 MAIN STREET ANYTOWN NC 05-24-12 15:21 LIQUID STATUS 05-24-12 15:21 L 1: REG STP SUMP FUEL ALARM L 2: REG ANNULAR FUEL ALARM L 3: REG SPILL BUCKET FUEL ALARM L 4: PREM STP SUMP FUEL ALARM L 5: PREM ANNULAR FUEL ALARM L 6: PREM SPILL BUCKET FUEL ALARM L 7: DIESEL STP SUMP FUEL ALARM L 8: DIESEL SPILL BUCKET FUEL ALARM L 9: MPD 1-2 FUEL ALARM L10: MPD 3-4 FUEL ALARM L11: MPD 5-6 FUEL ALARM L12: MPD 7-8 FUEL ALARM * * * * * END * * * * *

1234 MAIN STREET ANYTOWN NC 05-24-12 15:46 LIQUID STATUS 05-24-12 15:46 L 1: REG STP SUMP SENSOR NORMAL L 2: REG ANNULAR SENSOR OUT ALARM L 3: REG SPILL BUCKET SENSOR NORMAL L 4: PREM STP SUMP SENSOR NORMAL L 5: PREM ANNULAR SENSOR OUT ALARM L 6: PREM SPILL BUCKET SENSOR NORMAL L 7: DIESEL STP SUMP SENSOR NORMAL L 8: DIESEL SPILL BUCKET SENSOR NORMAL L 9: MPD 1-2 SENSOR NORMAL L10: MPD 3-4 SENSOR NORMAL L11: MPD 5-6 SENSOR NORMAL L12: MPD 7-8 SENSOR NORMAL * * * * * END * * * * *

GENERIC STORE #123

1234 MAIN STREET ANYTOWN NC 05-24-12 16:07 LIQUID STATUS 05-24-12 16:07 L 1: REG STP SUMP SENSOR NORMAL L 2: REG ANNULAR SENSOR NORMAL L 3: REG SPILL BUCKET SENSOR NORMAL L 4: PREM STP SUMP SENSOR NORMAL L 5: PREM ANNULAR SENSOR NORMAL L 6: PREM SPILL BUCKET SENSOR NORMAL L 7: DIESEL STP SUMP SENSOR NORMAL L 8: DIESEL SPILL BUCKET SENSOR NORMAL L 9: MPD 1-2 SENSOR NORMAL L10: MPD 3-4 SENSOR NORMAL L11: MPD 5-6 SENSOR NORMAL L12: MPD 7-8 SENSOR NORMAL * * * * * END * * * *

GENERIC STORE #123



GENERIC STORE #123 1234 MAIN STREET ANYTOWN NC 05-24-12 15:21 LIQUID STATUS 05-24-12 15:21 L 1: REG STP SUMP FUEL ALARM L 2: REG ANNULAR FUEL ALARM L 3: REG SPILL BUCKET FUEL ALARM L 4: PREM STP SUMP FUEL ALARM L 5: PREM ANNULAR FUEL ALARM L 6: PREM SPILL BUCKET FUEL ALARM L 7: DIESEL STP SUMP FUEL ALARM L 8: DIESEL SPILL BUCKET FUEL ALARM L 9: MPD 1-2 FUEL ALARM L10: MPD 3-4 FUEL ALARM L11: MPD 5-6 FUEL ALARM L12: MPD 7-8 FUEL ALARM * * * * * END * * * *

1234 MAIN STREET ANYTOWN NC 05-24-12 15:46 LIQUID STATUS 05-24-12 15:46 L 1: REG STP SUMP SENSOR NORMAL L 2: REG ANNULAR SENSOR OUT ALARM L 3: REG SPILL BUCKET SENSOR NORMAL L 4: PREM STP SUMP SENSOR NORMAL L 5: PREM ANNULAR SENSOR OUT ALARM L 6: PREM SPILL BUCKET SENSOR NORMAL L 7: DIESEL STP SUMP SENSOR NORMAL L 8: DIESEL SPILL BUCKET SENSOR NORMAL L 9: MPD 1-2 SENSOR NORMAL L10: MPD 3-4 SENSOR NORMAL L11: MPD 5-6 SENSOR NORMAL L12: MPD 7-8 SENSOR NORMAL * * * * * END * * * * *

GENERIC STORE #123

1234 MAIN STREET ANYTOWN NC 05-24-12 16:07 LIQUID STATUS 05-24-12 16:07 L 1: REG STP SUMP SENSOR NORMAL L 2: REG ANNULAR SENSOR NORMAL L 3: REG SPILL BUCKET SENSOR NORMAL L 4: PREM STP SUMP SENSOR NORMAL L 5: PREM ANNULAR SENSOR NORMAL L 6: PREM SPILL BUCKET SENSOR NORMAL L 7: DIESEL STP SUMP SENSOR NORMAL L 8: DIESEL SPILL BUCKET SENSOR NORMAL L 9: MPD 1-2 SENSOR NORMAL L10: MPD 3-4 SENSOR NORMAL L11: MPD 5-6 SENSOR NORMAL L12: MPD 7-8 SENSOR NORMAL * * * * * END * * * *

GENERIC STORE #123

ALL FUNCTIONS NORMAL



GENERIC STORE #123 1234 MAIN STREET ANYTOWN NC 05-24-12 15:21 LIQUID STATUS 05-24-12 15:21 L 1: REG STP SUMP FUEL ALARM L 2: REG ANNULAR FUEL ALARM L 3: REG SPILL BUCKET FUEL ALARM L 4: PREM STP SUMP FUEL ALARM L 5: PREM ANNULAR FUEL ALARM L 6: PREM SPILL BUCKET FUEL ALARM L 7: DIESEL STP SUMP FUEL ALARM L 8: DIESEL SPILL BUCKET FUEL ALARM L 9: MPD 1-2 FUEL ALARM L10: MPD 3-4 FUEL ALARM L11: MPD 5-6 FUEL ALARM L12: MPD 7-8 FUEL ALARM * * * * * END * * * *

GENERIC STORE #123 1234 MAIN STREET ANYTOWN NC 05-24-12 15:46 LIQUID STATUS 05-24-12 15:46 L 1: REG STP SUMP SENSOR NORMAL L 2: REG ANNULAR SENSOR OUT ALARM L 3: REG SPILL BUCKET SENSOR NORMAL L 4: PREM STP SUMP SENSOR NORMAL L 5: PREM ANNULAR SENSOR OUT ALARM L 6: PREM SPILL BUCKET SENSOR NORMAL L 7: DIESEL STP SUMP SENSOR NORMAL L 8: DIESEL SPILL BUCKET SENSOR NORMAL L 9: MPD 1-2 SENSOR NORMAL L10: MPD 3-4 SENSOR NORMAL L11: MPD 5-6 SENSOR NORMAL L12: MPD 7-8 SENSOR NORMAL * * * * * END * * * * *

1234 MAIN STREET ANYTOWN NC 05-24-12 16:07 LIQUID STATUS 05-24-12 16:07 L 1: REG STP SUMP SENSOR NORMAL L 2: REG ANNULAR SENSOR NORMAL L 3: REG SPILL BUCKET SENSOR NORMAL L 4: PREM STP SUMP SENSOR NORMAL L 5: PREM ANNULAR SENSOR NORMAL L 6: PREM SPILL BUCKET SENSOR NORMAL L 7: DIESEL STP SUMP SENSOR NORMAL L 8: DIESEL SPILL BUCKET SENSOR NORMAL L 9: MPD 1-2 SENSOR NORMAL L10: MPD 3-4 SENSOR NORMAL L11: MPD 5-6 SENSOR NORMAL L12: MPD 7-8 SENSOR NORMAL * * * * * END * * * *

GENERIC STORE #123

SENSOR FUNCTIONALITY TEST



GENERIC STORE #123 1234 MAIN STREET ANYTOWN NC 05-24-12 15:21 LIQUID STATUS 05-24-12 15:21 L 1: REG STP SUMP FUEL ALARM L 2: REG ANNULAR FUEL ALARM L 3: REG SPILL BUCKET FUEL ALARM L 4: PREM STP SUMP FUEL ALARM L 5: PREM ANNULAR FUEL ALARM L 6: PREM SPILL BUCKET FUEL ALARM L 7: DIESEL STP SUMP FUEL ALARM L 8: DIESEL SPILL BUCKET FUEL ALARM L 9: MPD 1-2 FUEL ALARM L10: MPD 3-4 FUEL ALARM L11: MPD 5-6 FUEL ALARM L12: MPD 7-8 FUEL ALARM * * * * * END * * * * *

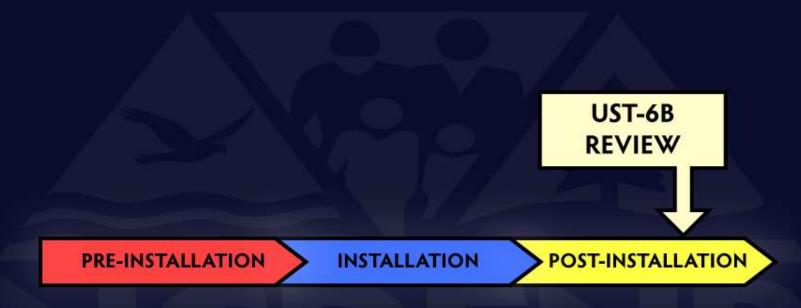
GENERIC STORE #123 1234 MAIN STREET ANYTOWN NC 05-24-12 15:46 LIQUID STATUS 05-24-12 15:46 L 1: REG STP SUMP SENSOR NORMAL L 2: REG ANNULAR SENSOR OUT ALARM L 3: REG SPILL BUCKET SENSOR NORMAL L 4: PREM STP SUMP SENSOR NORMAL L 5: PREM ANNULAR SENSOR OUT ALARM L 6: PREM SPILL BUCKET SENSOR NORMAL L 7: DIESEL STP SUMP SENSOR NORMAL L 8: DIESEL SPILL BUCKET SENSOR NORMAL L 9: MPD 1-2 SENSOR NORMAL L10: MPD 3-4 SENSOR NORMAL L11: MPD 5-6 SENSOR NORMAL L12: MPD 7-8 SENSOR NORMAL * * * * * END * * * * *

1234 MAIN STREET ANYTOWN NC 05-24-12 16:07 LIQUID STATUS 05-24-12 16:07 L 1: REG STP SUMP SENSOR NORMAL L 2: REG ANNULAR SENSOR NORMAL L 3: REG SPILL BUCKET SENSOR NORMAL L 4: PREM STP SUMP SENSOR NORMAL L 5: PREM ANNULAR SENSOR NORMAL L 6: PREM SPILL BUCKET SENSOR NORMAL L 7: DIESEL STP SUMP SENSOR NORMAL L 8: DIESEL SPILL BUCKET SENSOR NORMAL L 9: MPD 1-2 SENSOR NORMAL L10: MPD 3-4 SENSOR NORMAL L11: MPD 5-6 SENSOR NORMAL L12: MPD 7-8 SENSOR NORMAL * * * * * END * * * * * ALL FUNCTIONS NORMAL

GENERIC STORE #123

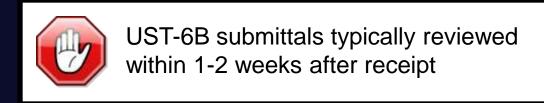


UST-6B Review



Two simultaneous but separate reviews occur:

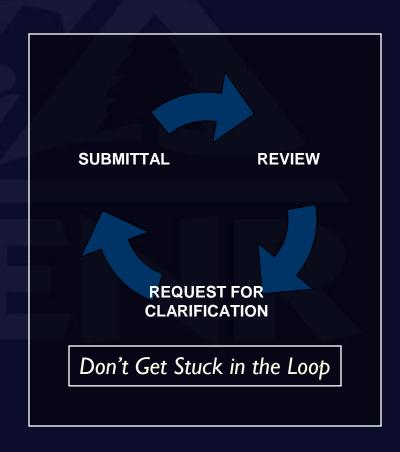
- 1) Technical review
- 2) Registration, permitting and financial responsibility review



UST-6B Review

If UST-6B submittal is not satisfactory:

- State will request additional information to correct minor deficiencies
- State may return application if severely deficient
- Deficient applications will result in delayed approval



UST-6B Review

If UST-6B submittal is satisfactory:

- State issues an approval confirming the satisfactory completion of the UST-6B
- Refers the UST-6B submittal to the registration and permitting group with the recommendation for issuance of an annual UST permit



In addition to the technical review, the ownership, financial responsibility and payment of fees must be satisfactory

North Carolina Department of Environment and Natural Resources Underground Storage Tank Section



Questions?



North Carolina Department of Environment and Natural Resources Underground Storage Tank Section



Thank you for attending!

Division of Waste Management - UST Section 1637 Mail Service Center, Raleigh, NC 27699 phone: (919) 707-8171 fax: (919) 715-1117 http://www.wastenotnc.org

