EPA Region 9 - UST In	spection Checklist	
I. Ownership of Tank(s)	II. Location of Tank(s)	
Owner Name (Corporation, Individual, Public Agency or other entity):	Facility Name or Company Site Identifier, <u>if different</u> from left	
Street Address	Site Address or State Road, as applicable	
County	County	
City State Zip Code	City (nearest) State Zip Code	
Contact Person at Main Office Phone #	Contact At UST Location	
Facility ID#:	Phone#	
III. Tank Information If facility has more than 4 tanks, ph	otocopy page and complete for additional tanks.	
TANK #		
Is tank active (A), temporarily closed (TC), permanently closed (PC),	or Out of Use?	
What Month and Year was Tank Installed (E-estimate or K-known)		
Specify Type and Material of Construction:		
What is the Capacity of Tank (in gallons) (E-estimate or K-known)		
What is stored (D=diesel, S=super premium, R=regular unleaded, N	1G=midgrade, W=waste oi l)	
IV. Release Detection For Tanks To be checked.	be in compliance, only one of the seven methods must	
Do all active tanks have a monthly release detection method? (Selection Failure to provide release detection method for tank: $280.40(a) = 300 .	ct applicable method below)	
1. Automatic Tank Gauging (COMPLET	E SECTION XIII)	
OR, 2. Statistical Inventory Reconciliation (SIR) (COMPLET XIV)	E SECTION	
OR, 3. Groundwater Monitoring (GM) (COMPLET CHECKLIST)	E GM	
OR, 4. Vapor Monitoring (VM) (COMPLET CHECKLIST)	E VM	
OR, 5. Double Walled Tank with Interstitial Monitorin@QIMPLET CHECKLIST)	EIM	
OR, 6. Inventory Control (IC) and Tank Tightness Testing every 5 yrs for new/upgraded tanks, otherwise annual.		
(can only be used 10 years after CP in (COA) OR. 7. Manual Tank Gauging (MTG)		
(Tank capacity 2,000 gallons or less) (COMPLETE MTG (
Monthly or Annual method.	ipliance, must have Automatic line Leak Detector and	
Specify Material of Construction of Piping:	(115)2	
Is pressurized piping equipped with an Automatic Line Leak Detector Specify M=Mechanical LLD, E=Elector	ctronic LLD	
Failure to equip pressurized piping with automatic line leak detector: $280.41(b)(1)(1) = 500	ection?	
Failure to provide adequate line leak detector system for UST piping system: $280.44(a) = 15	0	
Which Leak Detection Method is Utilized for the Pressurized Piping	System - Monthly or Annually?	
(1) Monthly Method(s)Indicate Appropriate Monthly Method Within Box -Secondary Containment with Monitoring (monthly liquid sump sensors		
print out, or visual log) -Vapor Monitoring (VM)		
-Ground Water Monitoring (GM)		
-Automatic Shut Off Device (liquid sensor able to shut down dispensing) -Statistical Inventory Reconciliation (SIR)		
-Electronic Line Leak Detector put in monthly 'test mode' at 0.2gph Failure to provide any release detection for underground piping:280.44 = \$300		
(2) Annual Method(s): Indicate Appropriate Annual Method Within Box		
-Annual Line Lightness Testing (LTT) conducted by certified contractor -Electronic Line Leak Detector put in annual 'test mode' of 0.1 gph		
VI. Release Detection For Suction Piping To be in compliance, only one of the three methods needs to be		
checked		
Specify Material of Construction of Piping:	$\frac{1}{100} \cdot 280 41(b)(2) = \300	

<u>OR,</u>	2. Documented as intrinsically safe (i.e. having only one check valve directly under pump, slope of pipe to drain back to tanks, operates at less than the state of the state	
<u>OR,</u>	3. Approved monthly method (cont. alarm system, automatic shut off device, automatic flow restrictor, SIR) <i>Failure to use monthly monitoring on suction piping:</i> 280.41(b)(2) = \$300	

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Facility ID#:				
VII. Record Keeping	Tank	Tank	Tank	Tank
Has a notification form (and certification) been submitted for new tanks in 30 days? (Failure to notify implementing agency within 30 days of bringing UST system into use: $280.22(a) = 300)			+	+
Have all USTs been included in the notification form? (Failure to notify agency of existing tank:280.22(b) = \$300)				
Are monthly release detection (RD) records for tanks maintained? (12 months of rec (Failure to maintain records of release detection monitoring: $280.45 = \$150$)	ords)			
Are release detection (RD) records for piping maintained? (Annual and/or monthly re (Failure to maintain records of release detection monitoring: 280.45 = \$150)	ecords)			
Are RD performance claims (e.g., 3rd party certifications) maintained for 5 years? (Failure to document all release detection performance claims for 5 yrs after installation: $280.45(a) = 50)				
Have repaired USTs/piping been tightness tested within 30 days of repairs? (Failure to ensure that repaired tanks systems are tightness tested within 30 days: $280.33(d) = 300)				
VIII. Spill and Overfill Protection Required on all USTs filled by transfers of 25	5 gallons c	or more at c	ne time.	-
Does the facility have spill prevention and is it functioning properly? (Failure to use spill prevention for new system $280.20(c)$ or existing system $280.21(d) = \$300$)				
Is overfill prevention device present and operational? specify type: (Failure to install adequate overfill prevention equipment in a new tank: $280.20(c)(1)(ii) = 150)				
IX. A. USTs Temporarily Closed	-	_		
Verify 1" or less of product in each tank. (If not empty, leak detection is required) Failure to comply with temporary closure requirements for a tank system for 3 or more months: $280.70(b) = 300				
Are vent lines left open and functional; are all other lines, pumps, man ways, and ancillary equipment capped? (Failure to comply with temporary closure requirements for a tank system for 3 or more months: 280.70(b) = \$300)				
Has corrosion protection been maintained? (for new or upgraded tanks) (Failure to continue operation and maintenance of corrosion protection system: $280.70(a) = 150)				
Has release detection been maintained (required if tanks have more than 1" fuel) (<i>Failure to continue operation and maintenance of release detection method:</i> $280.70(a) = 300)				
If UST system 'Temporarily' closed for more than 12 months, are the USTs upgraded? (Failure to permanently close or upgrade a temporarily closed tank system after 12 months: $280.70(c) = 300)				
B. USTs Permanently Closed	-	_		
Has a notification form for closure or change of service been submitted? (<i>Failure to notify implementing agency of a closure or change-in-service:</i> $280.71(a) = 300)				
Has a site assessment been conducted if UST system permanently closed or for change of service? (Failure to empty and clean tanks system and conduct a site assessment prior to change-in-service: 280.71(c))				
X. Financial Responsibility (FR) (Not Applicable for Federal, State, or Territorial Ge	overnmen	t Facilities		
Does facility have required insurance? Failure to comply with FR requirements by the required phase-in-time: $280.93(a) = 150 ; Other 280 = \$150. FR requirements 280.90-112, are generally associated with a \$150 penalty for non-compliance.				
XI. Significant Operational Compliance (SOC)			-	
Is facility in significant operational compliance (SOC) with the release prevention requirements? (To determine SOC status, review section VIII and section XII. All applicable entries must be answered yes in order to be considered SOC.)				
Is facility in significant operational compliance (SOC) with leak detection requirements? (To determine SOC status, review section IV , V , and VI of the general checklist <u>and</u> the appropriate specific release detection method checklist (GM, IM, IC, MG). All applicable entries must be answered yes in order to be considered SOC.)				

EPA Region 9 - UST Inspection Checklist

XII. Operation and Maintenance of Corrosion Protection Systems	
Corrosion protection must be maintained on UST's in temporary closure. This includes recording rectifier readings and performing	the periodic CP tes
Identify the following:	Tank System
le the UST system utilizing corresion protection, if required?	
Is the 0.51 system dunzing conversion protection, in required? Installation of an improperty designed and constructed metal tanks that fails to meet correspondent contraction standards: $280.20(a)(2) = 200	
Failure to provide any cathodic protection to metal pining: 280 $20(h)(2) = 300	
Failure to perform replacement upgrade, or closure for existing substandard tank system: $280.21(a) = 300	
(All penalties may be multiplied by the number or tanks and/or piping runs in violation.)	
Are any metal connections (piping joints, swing joints, fittings, connections, etc.) either cathodically protected or not in contact with the soil	
or other electrolyte?	
Failure to install an improperly designed cathodic protection system:280.20(a)(2)(ii)= \$300	
What is the Installation Date of the Corrosion Protection system?	
A. IMPRESSED CURRENT (Tank and Piping)	
Does rectifier's electrical source provide power 24 hours a day, 7 days a week?	
Failure to operate and maintain corrosion protection system continuously: $280.31(a) = \$150$	
Are voltage and amp readings documented every <u>60 days</u> for the past one year?	
Failure to inspect impressed current system every 60 days: $280.31(c) = 150	
Look at clock in rectifier box to determine if rectifier has been turned off or without power longer than 60 days. (If clock has been turned	
off, the inspector can work backwards to the inspection date and calculate a reasonable estimate of what the clock hours should be).	
Are tightness test records verifying tanks and piping were tightness tested within 30 days of repair completion?	
(not required for tank using monthly monitoring)?	
Failure to ensure that repaired tank system are tightness tested within 30 days of completion of repair: 280.33(d) = \$300	
Has appropriate monitoring been conducted within 6 months of installation?	
Failure to operate and maintain corrosion protection system continuously $280.31(a) = 150	
Has appropriate monitoring been conducted every 3 years after initial monitoring?	
Failure to ensure proper operation of cathodic protection system: $280.31(b)(1) = 150	
Are records on file for last 2 monitoring results (Tests required every 3 vears)	
Failure to maintain records of cathodic protection inspections: $280.31(d) = 50	
Does the most recent CP system test show that corrosion protection was adequate (-850 mV) and that any non-passing results were	
promptly investigated and corrected to achieve a passing result?	
Failure to ensure proper operation of CP system: 280.31(b) =\$150	
B. GALVANIC PROTECTION – ANODES (tank only)	
Has the CP system been tested within the last <u>3 years</u> ?	
Failure to ensure proper operation of cathodic protection system: $280.31(b)(1) = 150	
Does the most recent CP system test show that corrosion protection was adequate (-850 mV) and that any non-passing results were	
promptly investigated and corrected to achieve a passing result?	
Failure to ensure proper operation of CP system: 280.31(b) =\$150	
Are tightness test records verifying tanks and piping were tightness tested within 30 days of repair completion? (not required for tank	
using monthly monitoring)?	
Failure to ensure that repaired tank system are tightness tested within 30 days of completion of repair: $280.33(d) = 300	
Has testing been conducted within 6 months of any repairs to CP system:? (Must be completed by a corrosion expert)	
Failure to test cathodic protection system within six months of repair of an UST system: $280.33(e) = 150	
C. INTERNAL LINING (tank only)	
Verify that the internal lining was re-inspected within 10 years after installation and every 5 years thereafter.	
Failure to meet interior lining inspection requirements for tank upgrade: $280.21(b)(1)(ii) = 150	
Did the tank pass the internal lining re-inspection, OR was one of the following done:	
1. Lining repaired	
2. Cathodic protection system installed (if tank's metal thickness is ≥75% original thickness)	
3. Tank permanently closed	
Has the internal lining been inspected by a procedure acceptable to the jurisdiction (some states do not accept inspection by video	
camera)	

	EPA Region 9 - UST Inspection Checklist	
Eacility ID#:		
YIII Automatic Tank Gauging S	stom If applicable	
A monthly release detection monitoring system Bal	Stern, in applicable	
A monting release detection monitoring system. Kee probability of false alarm (Pfa=5% must be met). Old	ase detection monitoring system requirements for probability of detection (rd=95%) and der ATC systems may not have the 3rd party certification documenting compliance with the	
Pd/Pfa requirements. Such systems must conduct inv	ventory control as part of their method implementation.	
	· · · · · · · · · · · · · · · · · · ·	
Manufacturer, Name and Model number of system:	Duration of test:hr Type of test:	gph
To Be in Compliance, Al	l Requirements Must Be Met. Please answer yes (Y) or no (N) to each question.	
Are monthly monitoring and testing records availabl	le for the past 12 months?	
Failure to maintain results of monitoring for release deta	ection for at least one year: $280.45(b) = 50	
Can ATG system detect a leak of 0.2 gph or less?	(Note: review manufacturer's product claims).	
Failure to adequately operate or maintain automatic tan	ik gauging system: $280.43(d)(1) = 150	
Is the third-party certification for the ATG system av	vailable? (Must be kept for 5 years after installation)	
Failure to document all release detection performance c	laims for 5 years after installation: $280.45(a) = 50	
Does documentation exist showing that the ATG wa	as in test mode within its certification limits (i.e., size of tank, duration, etc.) a	
minimum of once a month? (Review 3rd party certific	cation and compare w/ actual receipts)	
Failure to maintain documentation of compliance with re	elease detection requirements: $280.34(b)(4) = 50	
Is monitoring box accessible and operational (powe	er is on, roll of paper exists, etc.)? Was ATG in test mode within its certification limits a	
minimum of once a month?		
Inadequate operation and maintenance of automatic tan	$k \ gauging \ 280.43(d) =$	
Was a sufficient amount of product in each tank for	monthly test to be considered valid?	
(Many tank gauges have limitations on the volume of	of product that must be in the tank in order to conduct the test).	
Indaequate operation and maintenance of automatic tan	k gauging 280.43(a) = \$300	
Is documentation available verifying method meets	minimum performance standards of detecting a release of 0.20 gph with probability of	
Eailure to document all release detection performance of	As the for 5 years after installation, $280.45(a) = 50	
	$\frac{1}{2} \frac{1}{2} \frac{1}$	
Are monthly monitoring and testing records availabl	e for the past 12 months?	
Failure to maintain result of monitoring release detection	$n \ for \ at \ least \ 1 \ year: \ 280.45(b) = 50	
XIV. Statistical Inventory Recon	ciliation (SIR), if applicable	
Vendor/Software Name:	Leak Rate:IhresholdMax. Iank	
Capacity:		
Capacity: To Be in Compliance, All Requirements Mu	ist Be Met. Please answer yes (Y) or no (N) to each question.	
Capacity: To Be in Compliance, All Requirements Mu CRITERIA FOR REPORTING A SUSPECTED RELEASE:	ust Be Met. Please answer yes (Y) or no (N) to each question. A single analysis indicating a leak or a failed test.	
Capacity: To Be in Compliance, All Requirements Mu CRITERIA FOR REPORTING A SUSPECTED RELEASE:	ust Be Met. Please answer yes (Y) or no (N) to each question. A single analysis indicating a leak or a failed test. Inconclusive results indicate Non-compliance with monthly leak detection requirements.	
Capacity: To Be in Compliance, All Requirements Mu CRITERIA FOR REPORTING A SUSPECTED RELEASE: I Statistical analysis performed every month?	ust Be Met. Please answer yes (Y) or no (N) to each question. A single analysis indicating a leak or a failed test. Inconclusive results indicate Non-compliance with monthly leak detection requirements.	
Capacity: To Be in Compliance, All Requirements Mu CRITERIA FOR REPORTING A SUSPECTED RELEASE: I Statistical analysis performed every month? <i>Failure to monitor tanks at least every 30 days:</i> 280.41(ust Be Met. Please answer yes (Y) or no (N) to each question. A single analysis indicating a leak or a failed test. Inconclusive results indicate Non-compliance with monthly leak detection requirements. a)=\$300	
Capacity: To Be in Compliance, All Requirements Mu CRITERIA FOR REPORTING A SUSPECTED RELEASE: I Statistical analysis performed every month? <i>Failure to monitor tanks at least every 30 days: 280.41(a</i>) Inventory conducted according to SIP provider's spo	A single analysis indicating a leak or a failed test. Inconclusive results indicate Non-compliance with monthly leak detection requirements. a)=\$300 acifications2	
Capacity: To Be in Compliance, All Requirements Mu CRITERIA FOR REPORTING A SUSPECTED RELEASE: I Statistical analysis performed every month? <i>Failure to monitor tanks at least every 30 days: 280.41(c</i> Inventory conducted according to SIR provider's spectrum In dip stick and water to 4/0"2, In dip stick and water of	ust Be Met. Please answer yes (Y) or no (N) to each question. A single analysis indicating a leak or a failed test. Inconclusive results indicate Non-compliance with monthly leak detection requirements. a)=\$300 ecifications?	
Capacity: To Be in Compliance, All Requirements Mu CRITERIA FOR REPORTING A SUSPECTED RELEASE: I Statistical analysis performed every month? Failure to monitor tanks at least every 30 days: 280.41(a Inventory conducted according to SIR provider's sponder Is dip stick graduate to 1/8"? Is dip stick end worn of	ust Be Met. Please answer yes (Y) or no (N) to each question. A single analysis indicating a leak or a failed test. Inconclusive results indicate Non-compliance with monthly leak detection requirements. a)=\$300 ecifications? or split?	
Capacity: To Be in Compliance, All Requirements Mu CRITERIA FOR REPORTING A SUSPECTED RELEASE: Statistical analysis performed every month? <i>Failure to monitor tanks at least every 30 days: 280.41(</i> Inventory conducted according to SIR provider's species of the stick graduate to 1/8"? Is dip stick end worn of the stock graduate to 1/8	ust Be Met. Please answer yes (Y) or no (N) to each question. A single analysis indicating a leak or a failed test. Inconclusive results indicate Non-compliance with monthly leak detection requirements. a)=\$300 ecifications? or split? ation check (weights and measure seal)?	
Capacity: To Be in Compliance, All Requirements Mu CRITERIA FOR REPORTING A SUSPECTED RELEASE: Statistical analysis performed every month? <i>Failure to monitor tanks at least every 30 days: 280.41(c</i> Inventory conducted according to SIR provider's specified by the second sec	ust Be Met. Please answer yes (Y) or no (N) to each question. A single analysis indicating a leak or a failed test. Inconclusive results indicate Non-compliance with monthly leak detection requirements. a)=\$300 ecifications? or split? ation check (weights and measure seal)? minimum performance standards of detecting a release of 0.20 gph with probability of	
Capacity: To Be in Compliance, All Requirements Mu CRITERIA FOR REPORTING A SUSPECTED RELEASE: I Statistical analysis performed every month? <i>Failure to monitor tanks at least every 30 days: 280.41(c</i>) Inventory conducted according to SIR provider's sponder's	List Be Met. Please answer yes (Y) or no (N) to each question. A single analysis indicating a leak or a failed test. Inconclusive results indicate Non-compliance with monthly leak detection requirements. (a)=\$300 ecifications? or split? ation check (weights and measure seal)? minimum performance standards of detecting a release of 0.20 gph with probability of % (Review 3 rd party certification)? Note: It must be kept for 5 years.	
Capacity: To Be in Compliance, All Requirements Mu CRITERIA FOR REPORTING A SUSPECTED RELEASE: Statistical analysis performed every month? <i>Failure to monitor tanks at least every 30 days: 280.41(</i> . Inventory conducted according to SIR provider's spectrum Is dip stick graduate to 1/8"? Is dip stick end worn of Does totalizer on dispenser show the annual calibration Is documentation available verifying method meets detection of 95% and probability of false alarm of 59 <i>Failure to document all release detection performance complexity</i>	List Be Met. Please answer yes (Y) or no (N) to each question. A single analysis indicating a leak or a failed test. Inconclusive results indicate Non-compliance with monthly leak detection requirements. (a)=\$300 ecifications? or split? ation check (weights and measure seal)? minimum performance standards of detecting a release of 0.20 gph with probability of % (Review 3 rd party certification)? Note: It must be kept for 5 years. laims for 5 years after installation: 280.45(a) = \$50	
Capacity: To Be in Compliance, All Requirements Mu CRITERIA FOR REPORTING A SUSPECTED RELEASE: I Statistical analysis performed every month? <i>Failure to monitor tanks at least every 30 days: 280.41(.</i> Inventory conducted according to SIR provider's spills ls dip stick graduate to 1/8"? Is dip stick end worn of Does totalizer on dispenser show the annual calibra Is documentation available verifying method meets detection of 95% and probability of false alarm of 59 <i>Failure to document all release detection performance ci</i> Are monthly monitoring and testing records available	List Be Met. Please answer yes (Y) or no (N) to each question. A single analysis indicating a leak or a failed test. Inconclusive results indicate Non-compliance with monthly leak detection requirements. (a)=\$300 ecifications? or split? ation check (weights and measure seal)? minimum performance standards of detecting a release of 0.20 gph with probability of % (Review 3 rd party certification)? Note: It must be kept for 5 years. laims for 5 years after installation: 280.45(a) = \$50 e for the past 12 months?	
Capacity: To Be in Compliance, All Requirements Mu CRITERIA FOR REPORTING A SUSPECTED RELEASE: Statistical analysis performed every month? <i>Failure to monitor tanks at least every 30 days: 280.41(</i> , Inventory conducted according to SIR provider's spills dip stick graduate to 1/8"? Is dip stick end worn of Does totalizer on dispenser show the annual calibration Is documentation available verifying method meets detection of 95% and probability of false alarm of 59 <i>Failure to document all release detection performance calibration and testing records available</i> <i>Failure to maintain result of monitoring release detection</i>	List Be Met. Please answer yes (Y) or no (N) to each question. A single analysis indicating a leak or a failed test. Inconclusive results indicate Non-compliance with monthly leak detection requirements. (a)=\$300 ecifications? or split? ation check (weights and measure seal)? minimum performance standards of detecting a release of 0.20 gph with probability of % (Review 3 rd party certification)? Note: It must be kept for 5 years. laims for 5 years after installation: 280.45(a) = \$50 e for the past 12 months? n for at least 1 year: 280.45(b) = \$50	

Facility ID#: XV. Comments	EPA Region 9 - UST Inspection Checklist		
XV. Comments	Facility ID#:		
	XV.	Comments	

EPA Region 9 - UST Inspection Checklist

Facility ID#:

XVI.

Site Drawing

(Print Name & Sign)

Ι

(Month, day, year, time)

_certify that I have inspected the above named facility on: