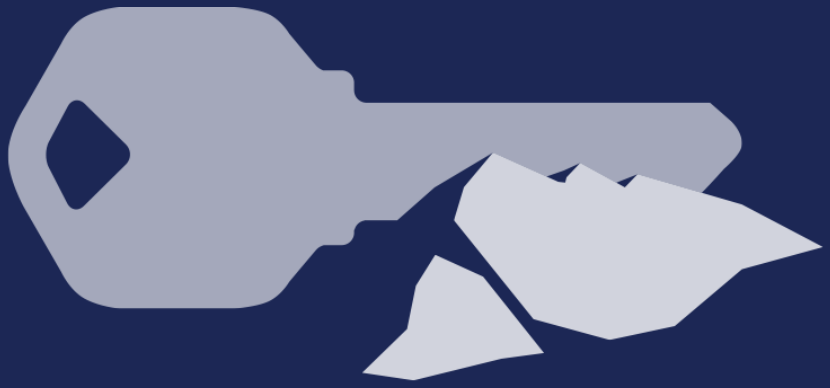

KEYS TO COMPLIANCE

COLORADO DIVISION OF OIL & PUBLIC SAFETY

Understanding the Colorado Annual Compliance Package

William Holman & Robert Schlegel
Inspectors
Division of Oil and Public Safety

Overview

Required Documentation: UST / AST Annual Compliance Package

- Release Detection
- Release Prevention
- Cathodic Protection
- Annual Compliance Inspections

UST Annual Compliance Package: Required Documentation

Release Detection

- ATG
- SIR
- Interstitial Monitoring
- Line Tightness & Leak Detectors

Release Prevention

- 3 year cathodic protection testing
- Rectifier Readings

Annual Compliance Inspection Form

ATG

- Send test results, not inventory
- If a 12 month summary is submitted – we don’t need monthly tapes also
- If photo copies of tapes are sent they need to be legible

SIR

- Send monthly summaries, not the whole data package
- If a year end summary is submitted, we don’t need separate monthly reports also

Interstitial Monitoring

- Send tapes showing sensor status or a monthly log

Line Tightness and Leak Detectors

- ATG tapes need to specify which product line is being tested
- ATG tapes must specify testing at .1 gph annually or .2 gph monthly
- ATG testing for leak detectors should be performed at 3gph
- For annual testing, do not send invoice, send test results and test data

Release Prevention

3-year Cathodic Protection Testing

- Don’t send the invoice
- Send test results and test data

Rectifier Readings

- Written record of rectifier readings
- Minimum of readings every two months (monthly preferred)

Operational

Annual Compliance Inspection

- The checklist must be signed
- The A/B operator can be the same as the tank owner / operator
- If the A/B operator is a third party, you must have tank owner / operator signature also
- The instructions page does not need to be submitted with the completed form or ACP package

UST Annual Compliance Inspection

Colorado Department of Labor and Employment
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Denver, CO 80202-3610

Phone: 303-318-8500
Fax: 303-318-8488
Email: cdle_oil_inspection@state.co.us
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UNDERGROUND STORAGE TANK ANNUAL COMPLIANCE INSPECTION

(REVISED 11/2013)

Pursuant to 7 C.C.R. 1101-14 § 2-3-5-2, the designated Class A or B Operator for each underground storage tank (UST) facility must conduct an annual compliance inspection of the facility. This inspection must be completed using this form which includes two components: *Facility and Tank Information* (page 1) and the *Compliance Inspection Checklist* (pages 2 through 5).

The Class A or B Operator must first complete each field in the *Facility and Tank Information* form with facility-specific information using the codes listed on page ii, when appropriate. It is important for this form to be completed with information gathered during a site walk-through and owner facility records review in lieu of copying information from the Division of Oil and Public Safety (OPS) database, unless otherwise directed on the form. The information will be used to verify information in the OPS database or make changes in order that the tank owner is accurately notified of documents to be submitted to OPS.

Following the completion of the *Facility and Tank Information* form, the Class A or B Operator must then complete an inspection of the UST system using the *Compliance Inspection Checklist* form. During the inspection of each facility, the Class A or B Operator must complete the form by answering the questions. If the equipment checks (i.e., ATG) are outsourced to a contractor, the equipment check results must be reviewed by the Class A or B Operator prior to answering the questions on this form that are associated with the equipment. If the facility contains more than 5 tanks, additional copies of this form must be completed. Questions are designated as either a mandatory compliance item (●) or a recommended practice item (®). If an item is identified as mandatory and recommended, further information is provided in a note following the question. If "No" is the answer for any mandatory compliance item (●) question, an associated entry must be made in the *Return to Compliance Plan*, located at the end of the checklist, with documentation of the date when the issue was brought back into compliance or scheduled to be brought back into compliance. OPS must approve all schedules for repairs to bring the facility back into compliance. If "No" is the answer for a recommended practice item (®) question, OPS strongly suggests that the deficiency be corrected.

The completed Annual Compliance Inspection document must be signed by the Class A or B Operator who conducted the inspection, and by the tank owner/operator, before being submitted to OPS.

UST Annual Compliance Inspection

Two Components

- Facility and Tank Information Form
- Compliance Inspection Checklist

Facility and Tank Information

CODES NEEDED FOR COMPLETING FACILITY AND TANK INFORMATION FORM

Product Names
Reg UL
Mid UL
Prem UL
E-85
Racing Fuel
AvGas
Jet Fuel
#1 DSL (clear)
#1 DSL (red)
#2 DSL (clear)
#2 DSL (red)
Kerosene
B20 (biodiesel)
B100 (biodiesel)
New Oil (lube oil)
Used Oil (waste oil)
Hydraulic Oil
Transmission Fluid
Solvent
Glycol/Antifreeze
Methanol
Not Listed

Tank Status Codes	
IU	In Use
TC	Temporarily Closed
Tank Corrosion Protection Codes	
FRP	Fiberglass Reinforced Plastic Tank
JKT	Jacketed Steel Tank (has interstice)
CMP	Composite (Clad) Steel Tank
GV	Steel Tank w/ Galvanic Anodes
IC	Steel Tank w/ Impressed Current
LN	Internally Lined Tank
LN+	Internally Lined Tank + Corrosion Protection
NO	Bare Metal Tank w/ No Additional Corrosion Protection
Tank/Piping/Spill Bucket/Sump Wall Type Codes	
S	Single Wall
D	Double Wall
Overfill Protection Codes	
FV	Fill Valve
BF	Ball Float
AL	Exterior Audible/Visual Alarm
NA	Not Applicable (receives deliveries of 25 gals. or less)
Tank Release Detection Method Codes	
T1	ATG .2/.1 gph Monthly Monitoring
T2	Interstitial Monitoring w/ Sensor
T3	Interstitial Monitoring w/out Sensor
T4	SIR (Statistical Inventory Reconciliation)
T5	Inventory Control + Tank Tightness Testing
T6	Other Approved Method (i.e. Tracer Testing)
T7	Manual Tank Gauging
T8	Manual Tank Gauging + Tank Tightness Testing
GW	Groundwater Monitoring
VAP	Vapor Monitoring
T10	Deferred (Emergency Generator Tanks ONLY)

Piping Corrosion Protection Codes	
FRP	Fiberglass Reinforced Plastic Piping
FLX	Flexible Plastic Piping
GV	Metallic Piping w/ Galvanic Anodes
IC	Metallic Piping w/ Impressed Current
NO	Buried Metallic Piping w/ No Additional Corrosion
AG	Aboveground Piping (NO portion of piping Is buried)
NA	No piping
Piping Flexible Connector Corrosion Protection Codes	
GV	Galvanic Anodes
IC	Impressed Current
NC	No soil contact (NO portion is buried / in UDC sump)
BT	Plastic Boot
NO	Buried Connector w/ No Additional Corrosion
NA	No flexible connectors
Piping Delivery System Codes	
PR	Pressurized
SU	Suction (American – foot valve in tank)
SS	Safe Suction (European – NO foot valve in tank)
GRV	Gravity Feed
NO	No Delivery Piping
MAN	Manifolded Tank (no delivery piping)
Line Leak Detector (LLD) Codes	
E	Electronic
M	Mechanical
NA	Not Required (SU/SS/GRV/NO/MAN systems ONLY)
Piping Release Detection Method Codes	
L1	ATG .2/.1 gph Monthly Monitoring
L2	Double-wall & Sumps w/ Sensor
L3	Double-wall & Sumps w/out Sensor
L4	SIR (Statistical Inventory Reconciliation)
L5	Annual Line Tightness Testing
L6	Other Approved Method (i.e. Tracer Testing)
L7	Not Required (SS/GRAV)
L8	3-yr Line Tightness Testing
GW	Groundwater Monitoring
VAP	Vapor Monitoring
L10	Deferred (Emergency Generator Tanks ONLY)

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UST ANNUAL COMPLIANCE INSPECTION

FACILITY AND TANK INFORMATION

Facility Information					
OPS Facility ID #:			Facility Name:		
Facility Address:			City/State/ZIP:		
Facility Phone Number:		Form Completed by:		Date:	

Tank Information					
Tank # (change #s ONLY if add'l pages are required)					
OPS Tank Tag (from OPS database or registration invoice)					
Facility Tank # or ID (designation used by facility)					
Tank Capacity (in gallons)					
Product Name (describe in comments if not listed)					
Compartment Only (mark only if NOT the entire tank)	☐	☐	☐	☐	☐
Manifolded Tank (mark for true siphon manifold ONLY)	☐	☐	☐	☐	☐
Tank Status*					
If Tank Status = TC:					
Date in TC (assessment & OPS extension required >1yr)					
Emptied to 1" or less? (release detection required if not)					
Date emptied to 1" or less					
Tank Release Detection Method*					
Tank Corrosion Protection*					
Tank Wall Type*					
Tank receives > 25 gallons at a time?					
Spill Bucket? (required where UST receives > 25 gallons at a time)					
Spill Bucket Size (in gallons)					
*Spill Bucket Wall Type**					
Overfill Protection? (required where UST receives > 25 gallons at a time)					
*Overfill Protection Type**					
Piping Corrosion Protection*					
*Flexible Connection – Tank**					
*Flexible Connection – Dispenser**					
Piping Wall Type*					
Piping Delivery System*					
*Line Leak Detector Type (required for PR system)**					
Piping Release Detection Method*					
STP (Turbine Pump) Containment Sump?					
*STP Containment Sump Wall Type**					
UDC (Under-dispenser) Containment Sump?					
*UDC Containment Sump Wall Type**					
Piping Transition Sumps?					
*Transition Sump Wall Type**					

Comments

*Use codes on page ii for these items.

UST Annual Compliance Inspection

Tanks

Fill Equipment

Fill Equipment	•	1	Is there a product tag on the fill riser pipe or are the lids painted in accordance with a posted product code color chart?
	•	2	Is the fill cap on the fill pipe and is the fill adaptor tight on the fill riser pipe?
	®	3	Does the fill cap have adequate clearance between the cap and the manhole cover?
	•	4	Does the tank have a drop tube that extends to within 6 inches of the bottom (if no diffuser is present)?
Spill and Overfill Protection	•	5	Is each UST that receives more than 25 gallons of product at any one time equipped with spill and overfill prevention?
	•	6	Is the spill bucket free of fuel, water or debris?
	•	7	Is the spill bucket in good condition and free of damage?
	®	8	Does the drain assembly work?
	•	9	Is the tank(s) equipped with an overfill device (e.g. overfill alarm, automatic shut-off device or ball-float valve) and is the device installed according to manufacturer's specifications to allow proper functionality?
	•	10	Is the tank overfill alarm mounted near the fill port where it can be seen or heard by the delivery person?

Spill Bucket Damage

Tanks in Temporary Closure

Tanks in Temporary Closure	•	11	If the tank is in temporary closure and contains greater than 1 inch of product, is approved release detection performed and maintained? *NOTE: OPS recommends that a tank in temporary closure be emptied (contains ≤ 1 inch of fluids).*
	•	12	If the tank is in temporary closure, is corrosion protection maintained?
	•	13	If the tank has been in temporary closure for greater than 3 months, is the vent line open and has the piping, pumps, manways, and ancillary equipment been capped and secured?

Vapor Recovery Equipment

Vapor Recovery (if required)	•	14	Are the vapor recovery adaptor and cap present and free of damage?
	®	15	Does the vapor cap have adequate clearance between the cap and the manhole cover to enable hook-up?
	®	16	Is the vapor cap in good condition with a gasket?
	®	17	Is the vapor recovery lid painted orange?

Vapor Recovery Damage

STP Sump

Submersible Turbine Pump (STP) Sump	®	18	Are the external and/or internal lids easily removed for inspection?
	®	19	Are the sump lid, gasket and seals present and in good condition?
	•	20	Is the sump free of fuel, water or debris?
	•	21	Is the sump free of cracks, holes, bulges, or other defects?
	•	22	If the system contains secondarily contained piping with release detection consisting of sump sensors installed in the sump, is the interstice open to the sump?
	•	23	Is the sump sensor properly mounted at the bottom of the sump and operating according to the manufacturer's specifications?
	•	24	Are penetration fittings and entry boots intact, secure and free of damage? *NOTE: If the sump was installed prior to 8-1-08 and is not used for interstitial monitoring, this is a recommended item.*
	®	25	Are junction boxes sealed and free of corrosion?
	•	26	Are the STP components, piping and flex connectors free of leaks or seeps?
	•	27	If no sump is present, are metal components that are in contact with the soil cathodically protected?
	•	28	Are piping and flexible connectors installed according to the manufacturer's specifications (not kinked or twisted)?
	•	29	Did the mechanical and/or electronic line-leak detector pass its annual functionality test which includes a leak simulated in the line as part of the functionality test?
	®	30	Is the mechanical leak detector properly vented? (vent tube not kinked or twisted)

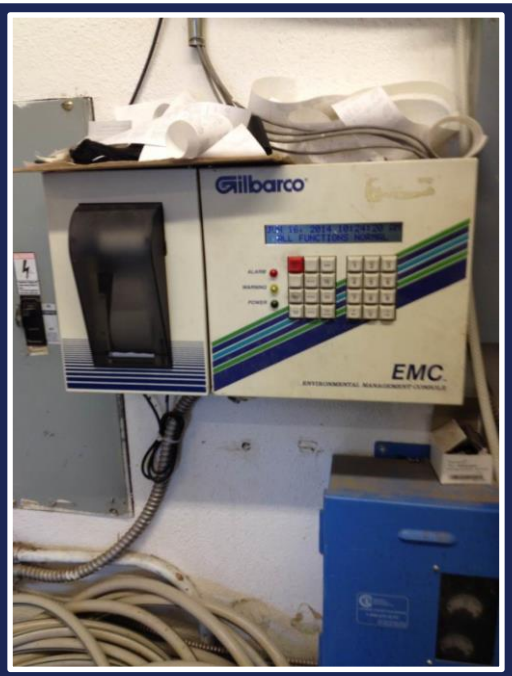
STP Sump Fuel

ATG Port

ATG Port	®	31	Is the manhole cover in good condition and is there adequate clearance between the ATG probe cap and the manhole cover?
	®	32	Is the cap in good condition and does it seal tightly?
	®	33	Are the probe wiring hole, electrical junction box and conduit sealed and in good condition?
	•	34	Are the probe, floats, and water/product warning alarms operating according to the manufacturer's specifications?

ATG Console

ATG Console	•	35	Does the ATG console have power?
	•	36	Have all ATG leak alarms been properly addressed?
	•	37	Is the console programmed correctly for the tanks found at the site (e.g. product, capacity, points, overfill alarm, in-tank test, line-leak detector test, etc.)?
	•	38	Is the sump sensor properly mounted at the bottom of the sump?
	•	39	Are the sensors functioning according to the manufacturer's specifications?



Tank Interstice

Tank Interstice	•	40	Are the interstitial sensors placed correctly in the tanks?
	•	41	Are the interstitial sensors functioning according to the manufacturer's specifications?

Cathodic Protection

Cathodic Protection	•	42	Are all system components that routinely contain product (tanks, lines, and other metal components) and that are in contact with the soil properly cathodically protected?
	•	43	Has your cathodic protection system (galvanic anodes or impressed current) been tested within 6 months of installation/repair, and every 3 years thereafter?
	•	44	Has the impressed current system (rectifier) been inspected for proper operation at least every 60 days?
	•	45	If you have an internally-lined tank without additional cathodic protection, has it passed an internal inspection within 10 years after installation of the lining and every 5 years thereafter?
	®	46	If the system is equipped with impressed current, are any wires exposed?

Rectifier Cut Wires

Vent Piping

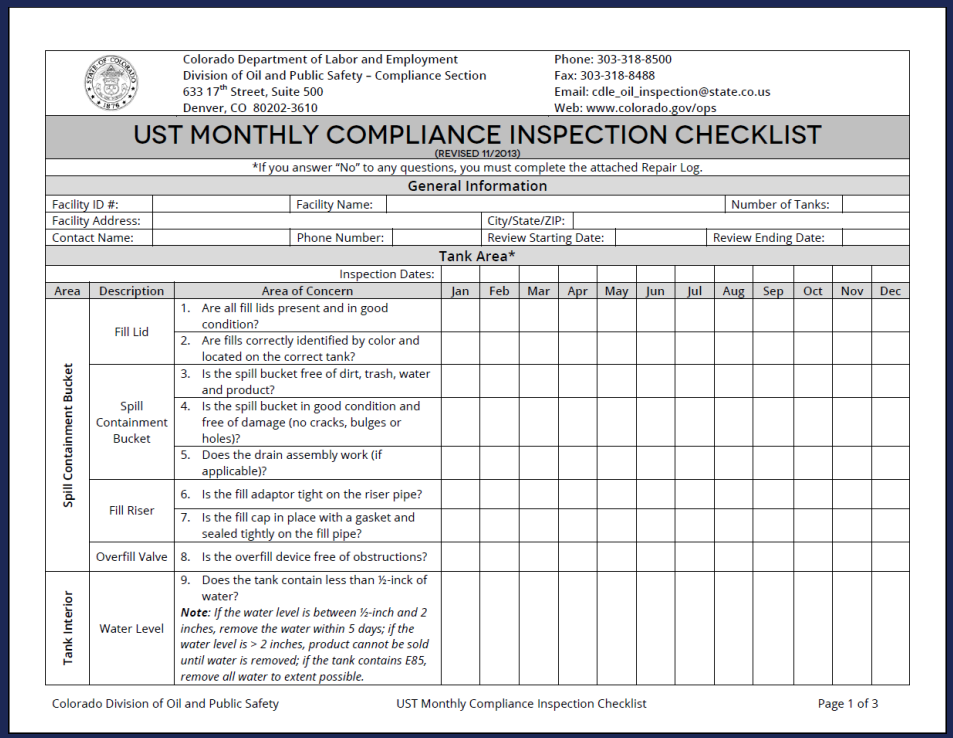
Vent Piping	®	47	Is the vent cap present and is it the correct type?
	•	48	Is the vent piping of correct height and above obstructions?
	•	49	Are diesel and gasoline tanks vented with separate piping?

Unattended Fueling

Unattended Fueling	•	50	Is one or more clearly identified emergency shutoff devices located not less than 20 ft. or more than 100 ft. from the dispensing devices, readily accessible to patrons?
	•	51	Is a working telephone or other approved, clearly identified means to notify the fire department provided on the site, and readily accessible to patrons?
	•	52	Is a fire extinguisher with a minimum rating of 40-B, a maintenance inspection not older than 1 year, and located no more than a 30 ft. travel distance from the dispensing devices, readily accessible to patrons?
	•	53	Are the required additional operating and emergency instructions posted and clearly readable in the dispensing area?

Monthly Inspection

Monthly Inspections	•	54	Have all Monthly Inspections been performed and documented, and have all deficiencies noted during the inspections been corrected?



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Denver, CO 80202-3610

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UST MONTHLY COMPLIANCE INSPECTION CHECKLIST

(REVISED 11/2013)

*If you answer "No" to any questions, you must complete the attached Repair Log.

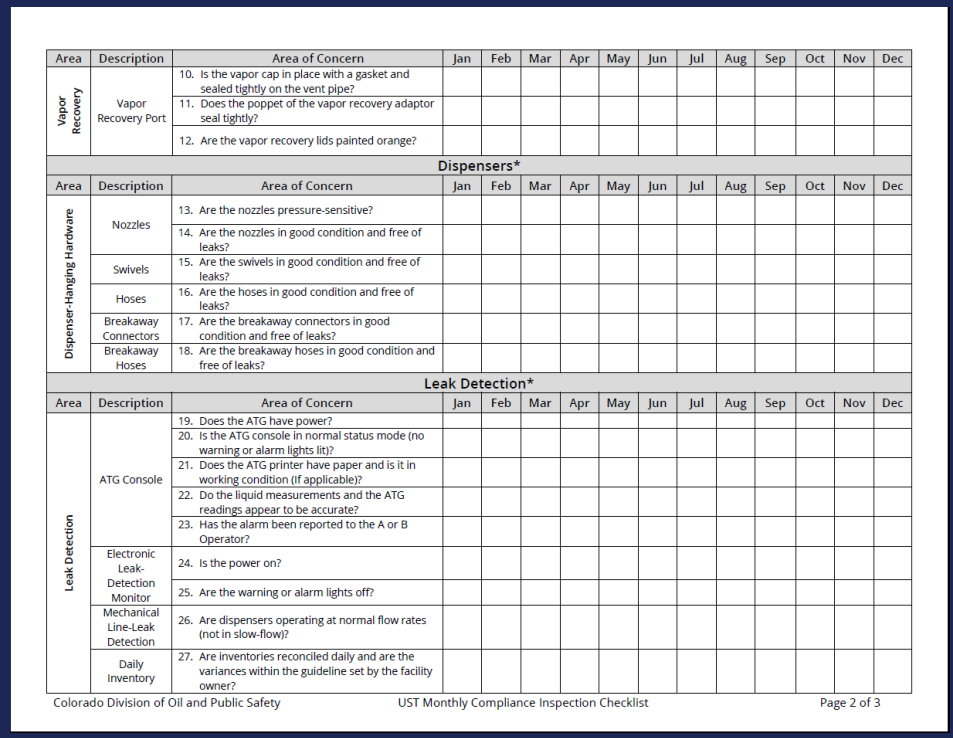
General Information

Facility ID #:		Facility Name:		Number of Tanks:	
Facility Address:			City/State/ZIP:		
Contact Name:		Phone Number:		Review Starting Date:	Review Ending Date:

Tank Area*

Inspection Dates:

Area	Description	Area of Concern	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Spill Containment Bucket	Fill Lid	1. Are all fill lids present and in good condition?												
		2. Are fills correctly identified by color and located on the correct tank?												
	Spill Containment Bucket	3. Is the spill bucket free of dirt, trash, water and product?												
		4. Is the spill bucket in good condition and free of damage (no cracks, bulges or holes)?												
		5. Does the drain assembly work (if applicable)?												
	Fill Riser	6. Is the fill adaptor tight on the riser pipe?												
		7. Is the fill cap in place with a gasket and sealed tightly on the fill pipe?												
	Overfill Valve	8. Is the overfill device free of obstructions?												
Tank Interior	Water Level	9. Does the tank contain less than ½-inck of water? ***Note:*** *If the water level is between ½-inch and 2 inches, remove the water within 5 days; if the water level is > 2 inches, product cannot be sold until water is removed; if the tank contains E85, remove all water to extent possible.*												



Area	Description	Area of Concern	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Vapor Recovery	Vapor Recovery Port	10. Is the vapor cap in place with a gasket and sealed tightly on the vent pipe?												
		11. Does the poppet of the vapor recovery adaptor seal tightly?												
		12. Are the vapor recovery lids painted orange?												

Dispensers*

Area	Description	Area of Concern	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Dispenser-Hanging Hardware	Nozzles	13. Are the nozzles pressure-sensitive?												
		14. Are the nozzles in good condition and free of leaks?												
	Swivels	15. Are the swivels in good condition and free of leaks?												
	Hoses	16. Are the hoses in good condition and free of leaks?												
	Breakaway Connectors	17. Are the breakaway connectors in good condition and free of leaks?												
	Breakaway Hoses	18. Are the breakaway hoses in good condition and free of leaks?												

Leak Detection*

Area	Description	Area of Concern	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Leak Detection	ATG Console	19. Does the ATG have power?												
		20. Is the ATG console in normal status mode (no warning or alarm lights lit)?												
		21. Does the ATG printer have paper and is it in working condition (if applicable)?												
		22. Do the liquid measurements and the ATG readings appear to be accurate?												
		23. Has the alarm been reported to the A or B Operator?												
	Electronic Leak-Detection Monitor	24. Is the power on?												
		25. Are the warning or alarm lights off?												
	Mechanical Line-Leak Detection	26. Are dispensers operating at normal flow rates (not in slow-flow)?												
	Daily Inventory	27. Are inventories reconciled daily and are the variances within the guideline set by the facility owner?												

UST Annual Compliance Inspection

Dispensers

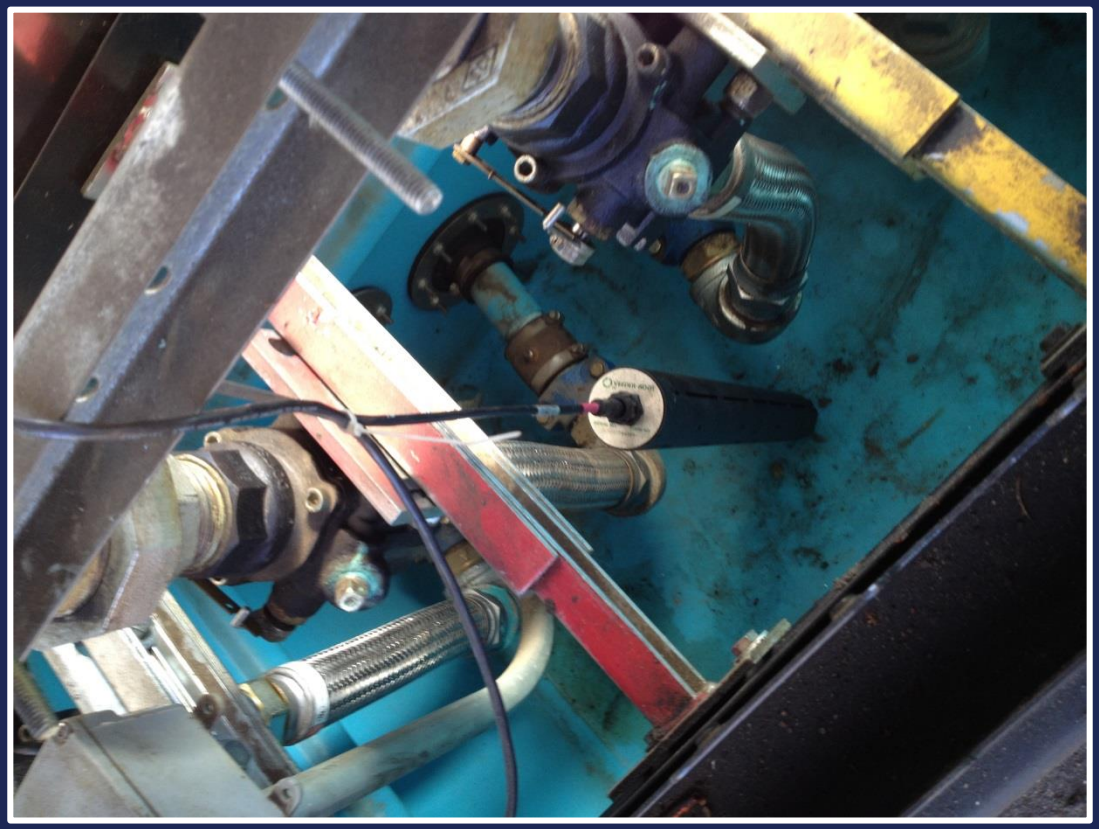
Dispensers

•	55	Is hanging hardware free of visible signs of leakage or damage?
•	56	Are all components of hanging hardware of the proper type and size?
•	57	If applicable, is fuel product, safety, octane, diesel sulfur, ethanol, signage present and correct?

Damaged Hose

Dispensers

•	58	Is the under-dispenser containment (UDC) sump free of fuel, water or debris?
•	59	Is the UDC sump free of cracks, holes, bulges, or other defects?
•	60	Are penetration fittings and entry boots intact, secure and free of damage? *NOTE: If the sump was installed prior to 8-1-2008 and is not used for interstitial monitoring, this is a recommended item.*
•	61	If the system contains secondarily contained piping with release detection consisting of sump sensors installed in the sump, is the interstice open to the sump?
•	62	Is the sump sensor properly mounted at the bottom of the sump?
®	63	Are junction boxes sealed and free of corrosion?
•	64	Are meters, piping and flexible connectors free of leaks or seeps?
•	65	Are piping and flexible connectors installed according to the manufacturer's specifications? (not kinked or twisted)



Dispensers

•	66	If no UDC, are any metal piping components in contact with the soil properly cathodically protected?
•	67	Are the shear valves operating according to the manufacturer's specifications?
•	68	Is at least one fire extinguisher with a minimum rating of 40-B, and a maintenance inspection not older than 1 year, located within 100 feet of each dispenser and tank fill opening?
•	69	Is an emergency stop button present and operable?

Shear Valve Issues

Return to Compliance Plan

Return to Compliance Plan				
Item #	Tank #	Compliance Issue/Repair	Scheduled Date	Actual Date

The Owner or Operator signing below certifies, under civil and criminal penalties for making a false submission to the State of Colorado, that the Owner or Operator's designated Class A or B Operator has accurately answered the questions above and these answers are based on performance of associated inspection activities.

A or B Operator Printed Name:		Certification Number:	
A or B Operator Signature:		Date:	
Tank Owner/Operator Printed Name:			
Tank Owner/Operator Signature:		Date:	

AST Annual Compliance Package

Required Documentation

- Monthly Visual Inspections
- Underground Line and Leak Detector Tests
- Ullage Log
- SPCC Plan
- Cathodic Protection Test Records
- Annual Visual Inspection Checklist

AST Monthly Visual Inspection

Colorado Department of Labor and Employment
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AST MONTHLY VISUAL INSPECTION CHECKLIST

(REVISED 11/2013)

OPS Facility ID#:		Facility Name:		Inspection Date:	
Street Address:		City:		ZIP:	
# of Tanks Inspected:		Tank IDs:			

Any item marked "No" requires additional information to describe the condition and date the condition is corrected.

	ITEM	STATUS	COMMENTS / DATE CORRECTED
	Primary Tank and Piping		
1	Is tank exterior (roof, shell, ends, connections, fittings, valves, etc.) free of visible leaks? Note: *If "No", identify tank and describe leak.*	☐Yes ☐No	
2	Is aboveground piping (valves, fittings, connections, pumps, etc.) free of visible leaks? Note: *If "No", identify location and describe leak.*	☐Yes ☐No	
3	Are ladders/platforms/walkways secure with no sign of severe corrosion or damage?	☐Yes ☐No ☐N/A	
4	Are all tank openings properly sealed (capped, plugged, covered, blind flanged, etc.)?	☐Yes ☐No	
5	Is the tank liquid level gauge readable and in good working condition?	☐Yes ☐No ☐N/A	
6	Is overfill prevention equipment in good working condition (overfill valve, audible alarm, etc.)? Note: *Verify operation of audible alarms.*	☐Yes ☐No ☐N/A	
7	Is the spill container (spill bucket) empty, free of visible leaks and in good working condition?	☐Yes ☐No ☐N/A	
8	Is the primary tank free of water?	☐Yes ☐No	
9	Is the area around the tank (concrete surfaces, ground, containment, etc.) free of visible signs of leakage?	☐Yes ☐No	
10	Is the cathodic protection system in operating condition and functional? Note: *Inspection required every 60 days only.*	☐Yes ☐No ☐N/A	
11	Rectifier reading Volts: _____ Amps: _____ Are these readings within manufacturer specifications? Note: *Inspection required every 60 days only.*	☐Yes ☐No ☐N/A	
	Double-Wall Tank		
12	For double-wall tanks, is interstice free of liquid?	☐Yes ☐No ☐N/A	
13	For double-wall tanks, is interstitial monitoring equipment in good working condition?	☐Yes ☐No ☐N/A	
	Containment (Diking/Impounding)		
14	Is the containment free of liquid, debris, combustible materials, and empty or full drums/barrels?	☐Yes ☐No ☐N/A	
15	Are dike drain valves closed and in good working condition?	☐Yes ☐No ☐N/A	
16	Are containment egress pathways clear and any gates/doors operable?	☐Yes ☐No ☐N/A	
	Other Conditions		
17	Is the system is free of any other conditions needing to be addressed for continued safe operation or that may affect the site SPCC Plan?	☐Yes ☐No	

Inspector Information

Printed Name:		Signature:		Date:	

Underground Line and Leak Detector Tests

- Underground suction lines need testing every 3 years
- Underground pressurized lines and leak detectors need annual testing
- Double-walled lines can have monthly written or ATG sensor log

Release Prevention: Ullage

- If a tank has a documented overfill prevention device, submitting ullage records is optional BUT must still be performed and documented
- The ullage readings need to be calculated correctly

Spill Prevention Control and Countermeasures (SPCC) Plan

- Don’t send the entire SPCC plan
  - Pages sent should include site name, date, and signature and engineer stamp.
- The SPCC plan should be updated every 5 years or if significant changes to the site have occurred

Cathodic Protection Testing

3-Year Test

- Don’t send invoice
- Send test results and data

Rectifier Readings

- Written records of rectifier readings
- Minimum readings of every 2 months (monthly preferred)

Operational

Annual Visual Inspection

- The checklist must be signed
- Do not send records for unregulated tanks
- Instruction pages do not need to be submitted with completed package

AST Annual Visual Inspection Checklist

Colorado Department of Labor and Employment
Division of Oil and Public Safety – Compliance Section
633 17th Street, Suite 500
Denver, CO 80202-3610

Phone: 303-318-8500
Fax: 303-318-8488
Email: cdle_oil_inspection@state.co.us
Web: www.colorado.gov/ops

AST ANNUAL VISUAL INSPECTION CHECKLIST

(REVISED 11/2013)

OPS Facility ID#:	Facility Name:	Inspection Date:
Street Address:	City:	ZIP:
# of Tanks Inspected:	Tank ID Numbers:	

Any item marked "No" requires additional information to describe the condition and date the condition is corrected.

	ITEM	STATUS	COMMENTS / DATE CORRECTED
	Containment		
1	Is the containment structure in satisfactory condition (diking, impounding, double-wall tank, etc.)?	☐Yes ☐No	
2	Are the drainage pipes/valves in good working condition for continued service?	☐Yes ☐No ☐N/A	
	Tank Foundation/Supports		
3	Free of tank settlement or foundation washout?	☐Yes ☐No	
4	Concrete pad or ring wall free of cracking or spalling?	☐Yes ☐No	
5	Tank supports in satisfactory condition?	☐Yes ☐No	
6	Is water able to drain away from tank?	☐Yes ☐No	
7	Is the grounding strap between the tank and foundation/supports in good condition?	☐Yes ☐No ☐N/A	
	Cathodic Protection		
8	Are cathodic protection system in operating condition and functional?	☐Yes ☐No ☐N/A	
9	Rectifier reading Volts: _____ Amps: _____ Are these readings within manufacturer specifications?	☐Yes ☐No ☐N/A	
	Tank External Coating		
10	Free of visible signs of paint failure?	☐Yes ☐No	
	Tank Shell / Heads		
11	Free of noticeable shell/head distortions, buckling, denting, or bulging?	☐Yes ☐No	
12	Free of visible signs of shell/head corrosion or cracking?	☐Yes ☐No	
	Tank Manways, Piping, and Equipment		
13	Flanged connection bolts tight and fully engaged with no sign of wear or corrosion?	☐Yes ☐No ☐N/A	
	Tank Roof		
14	Free of standing water on roof?	☐Yes ☐No	
15	Free of visible signs of coating cracking, crazing, peeling, or blistering?	☐Yes ☐No	
16	Free of holes?	☐Yes ☐No	

	ITEM	STATUS	COMMENTS/DATE CORRECTED
	Venting		
17	Normal and emergency vents free of obstructions?	☐Yes ☐No	
18	Normal vent on tanks storing gasoline equipped with pressure/vacuum vent cap?	☐Yes ☐No ☐N/A	
19	Is the emergency vent in good working condition and functional, and tested as required by manufacturer?	☐Yes ☐No	
	Insulated Tanks		
20	Free of missing insulation?	☐Yes ☐No ☐N/A	
21	Insulation free of noticeable areas of moisture?	☐Yes ☐No ☐N/A	
22	Insulation free of mold?	☐Yes ☐No ☐N/A	
23	Insulation free of visible signs of damage?	☐Yes ☐No ☐N/A	
24	Insulation adequately protected from water intrusion?	☐Yes ☐No ☐N/A	
	Level and Overfill Prevention Equipment		
25	Electronic or mechanical liquid level gauge tested for proper operation?	☐Yes ☐No ☐N/A	
26	Electronic or mechanical liquid level gauge calibrated during the previous 12 months?	☐Yes ☐No ☐N/A	
27	Is overfill prevention equipment in good working condition? ☐ Overfill Valve ☐ Audible Alarm ☐ Both	☐Yes ☐No ☐N/A	Verified by: / Inspection Date: / Operational? ☐Yes ☐No / Repair Date:
28	Is tank ullage being determined and documented before filling the tank?	☐Yes ☐No ☐N/A	
	Electrical Equipment		
29	Is tank/equipment grounding adequate and in good condition?	☐Yes ☐No	
30	Is electrical wiring for control boxes, lights, and other high voltage equipment in good condition?	☐Yes ☐No ☐N/A	
	Tank / Piping Release Detection		
31	Is inventory control being performed and documented as required?	☐Yes ☐No ☐N/A	
32	Is release detection being performed and documented on underground piping as required?	☐Yes ☐No ☐N/A	
	Additional Comments		

Inspector Information

Printed Name:	Signature:	Date:

Containment

1	Is the containment structure in satisfactory condition (diking, impounding, double-wall tank, etc.)?
2	Are the drainage pipes/valves in good working condition for continued service?

Tank Foundation / Supports

3	Free of tank settlement or foundation washout?
4	Concrete pad or ring wall free of cracking or spalling?
5	Tank supports in satisfactory condition?
6	Is water able to drain away from tank?
7	Is the grounding strap between the tank and foundation/supports in good condition?

Cathodic Protection

8	Are cathodic protection system in operating condition and functional?
9	Rectifier reading Volts: _____ Amps: _____ Are these readings within manufacturer specifications?

Tank External Coating

10	Free of visible signs of paint failure?

Paint Issues

Tank Shell / Heads

11	Free of noticeable shell/head distortions, buckling, denting, or bulging?
12	Free of visible signs of shell/head corrosion or cracking?

Tank Manways, Piping and Equipment

13	Flanged connection bolts tight and fully engaged with no sign of wear or corrosion?

Tank Roof

14	Free of standing water on roof?
15	Free of visible signs of coating cracking, crazing, peeling, or blistering?
16	Free of holes?

Venting

17	Normal and emergency vents free of obstructions?
18	Normal vent on tanks storing gasoline equipped with pressure/vacuum vent cap?
19	Is the emergency vent in good working condition and functional, and tested as required by manufacturer?

Insulated Tanks

20	Free of missing insulation?
21	Insulation free of noticeable areas of moisture?
22	Insulation free of mold?
23	Insulation free of visible signs of damage?
24	Insulation adequately protected from water intrusion?

Level and Overfill Prevention Equipment

25	Electronic or mechanical liquid level gauge tested for proper operation?
26	Electronic or mechanical liquid level gauge calibrated during the previous 12 months?
27	Is overfill prevention equipment in good working condition? ☐ Overfill Valve ☐ Audible Alarm ☐ Both
28	Is tank ullage being determined and documented before filling the tank?

Electrical Equipment

29	Is tank/equipment grounding adequate and in good condition?
30	Is electrical wiring for control boxes, lights, and other high voltage equipment in good condition?

Tank / Piping Release Detection

31	Is inventory control being performed and documented as required?
32	Is release detection being performed and documented on underground piping as required?

Anti Siphon Equipment

- Anti siphon equipment is required as per
- NFPA 30A 4.3.6.4
- Means shall be provided to prevent the release of liquid by siphon flow.

Additional Comments and Inspector Information

Additional Comments		
Inspector Information		
Printed Name:	Signature:	Date:

Review

UST / AST Annual Compliance Package

- Forms
- Required Documentation
- Annual Compliance Inspections

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DEPARTMENT OF
LABOR AND EMPLOYMENT