

**CERTIFICATE OF STORAGE TANK SYSTEM TESTING**

Crompco, LLC
1815 Gallagher Road
Plymouth Meeting, PA 19462

Phone: (610) 278-7203
Fax: (610) 278-7621

Work Order #567548		Client Information		Location #554	
Date: Tue Sep 18th, 2018 Reason: Compliance		QuikTrip Corporation (Laura Thompson) Invoice #708842 Permit# P.O.#		QuikTrip Corporation QuikTrip 901 SW 63RD ST. DES MOINES, IA 50312 County: Polk State ID: 200200017	
Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.					
Overfill					
Equip #	Grade	Test	Result		
4	Diesel	Overfill Verification	Pass		
1	Regular (non-ethanol)	Overfill Verification	Pass		
Leak Detectors					
Equip #	Grade	Test	Result		
1	Regular (non-ethanol)	Leak Detector	Pass		
2	Regular	Leak Detector	Pass		
3	Premium	Leak Detector	Pass		
4	Diesel	Leak Detector	Pass		
Monitor					
Test			Result		
Monitor Inspection			Incomplete		
Miscellaneous Inspections					
Test			Result		
Remote Fill Inspection			Pass		
Remote Fill Inspection			Pass		
Secondary Containment					
Equip #	Grade	Test	Result		
1	Regular (non-ethanol)	Spill Bucket	Pass		
2	Regular	Spill Bucket	Pass		
3	Premium	Spill Bucket	Pass		
4	Diesel	Spill Bucket	Pass		

Brian Hall
API Worksafe Safety Key# 19510184
Veeder Root Certification# B37167

James Phillips
API Worksafe Safety Key# 14276439
Veeder Root Certification# B47460

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DES MOINES, IA 50312
State ID: 200200017

Facility/Agency Copy
Site #554 / WO #567548
Tue Sep 18th, 2018

Update

Overfill Verification Test

Result: ☒ Pass ☐ Fail		Equip #: 4	Grade: Diesel
Type: Drop Tube (Flapper Valve)		Make / Model: OPW 71SO	
Tank Volume (gallons): 11904		Tank Diameter (inches): 120	Tank Material: Fiberglass
Compartment Tank: ☒ Yes ☐ No			Compartment Tank Type: ☐ Base (Larger) ☐ End
Was the drop tube removed from the tank? ☒ Yes ☐ No	Is the drop tube and float mechanisms free of debris? ☒ Yes ☐ No	Does the float move freely without binding and the poppet moves into the flow path? ☒ Yes ☐ No	
Is the bypass valve in the drop tube open and free of blockage? ☒ Yes ☐ No		Is the flapper adjusted to shut off flow at 95% or lower? ☒ Yes ☐ No	Tank Percentage at which complete shutoff occurs? 95

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Overfill Verification Test

Result: ☒ Pass ☐ Fail	Equip #: 1	Grade: Regular (non-ethanol)	
Type: Ball Float	Make / Model: OPW		
Tank Volume (gallons): 11527	Tank Diameter (inches): 92	Tank Material: Fiberglass	
Compartment Tank: ☐ Yes ☒ No		Compartment Tank Type: ☐ Base (Larger) ☐ End	
Are the tank top fittings vapor-tight and leak-free? ☒ Yes ☐ No	Is the ball float cage free of debris? ☒ Yes ☐ No	Is the ball free of holes and cracks and can move freely in the cage? ☒ Yes ☐ No	
Was the ball float removed from the tank for inspection? ☒ Yes ☐ No	Is the vent hole in the pipe open and near the top of the tank? ☒ Yes ☐ No	Is the ball float pipe at the proper length to restrict flow at 90% or lower? ☒ Yes ☐ No	What is the percent tank volume when flow restriction initiates? 90

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Line Leak Detector Test		Line Leak Detector Test	
Leak Detector Number:	1	Leak Detector Number:	2
Grade:	Regular (non-ethanol)	Grade:	Regular
Dispenser Range:	1-16	Dispenser Range:	1-16
Make:	Veeder Root	Make:	Veeder Root
Model:	PLLD	Model:	PLLD
Serial #	170466	Serial #	257422
☐ Mechanical ☒ Electronic ☐ Interstitial Sensor		☐ Mechanical ☒ Electronic ☐ Interstitial Sensor	
Equipment Information (where test was conducted):	7/8	Equipment Information (where test was conducted):	7/8
Submersible Pump Operating Pressure (psi):	32	Submersible Pump Operating Pressure (psi):	32
Check Valve Holding Pressure (psi):	20	Check Valve Holding Pressure (psi):	22
Bleedback Check (gal):	.033	Bleedback Check (gal):	.034
During actual testing, when simulated leak is induced. The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	☒ Yes ☐ No	During actual testing, when simulated leak is induced. The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	☒ Yes ☐ No
Result: ☒ Pass ☐ Fail ☐ Inconclusive		Result: ☒ Pass ☐ Fail ☐ Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.		Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	

Line Leak Detector Test		Line Leak Detector Test	
Leak Detector Number:	3	Leak Detector Number:	4
Grade:	Premium	Grade:	Diesel
Dispenser Range:	1-16	Dispenser Range:	1-2, 7-8, 9-10, 15-16
Make:	Veeder Root	Make:	Veeder Root
Model:	PLLD	Model:	PLLD
Serial #	170463	Serial #	381542
☐ Mechanical ☒ Electronic ☐ Interstitial Sensor		☐ Mechanical ☒ Electronic ☐ Interstitial Sensor	
Equipment Information (where test was conducted):	7/8	Equipment Information (where test was conducted):	7/8
Submersible Pump Operating Pressure (psi):	32	Submersible Pump Operating Pressure (psi):	33
Check Valve Holding Pressure (psi):	22	Check Valve Holding Pressure (psi):	22
Bleedback Check (gal):	.034	Bleedback Check (gal):	.033
During actual testing, when simulated leak is induced. The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	☒ Yes ☐ No	During actual testing, when simulated leak is induced. The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	☒ Yes ☐ No
Result: ☒ Pass ☐ Fail ☐ Inconclusive		Result: ☒ Pass ☐ Fail ☐ Inconclusive	

Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.

Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.

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MONITORING SYSTEM CERTIFICATION

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST or AST systems within 30 days of test date.

A. General Information

Facility Name: QuikTrip Bldg. No.: 554

Site Address: 901 SW 63RD ST.

City: DES MOINES

Zip: 50312

Make/Model of Monitoring System: Veeder Root TLS-350

Date of Testing/Servicing: 2018-09-18

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced.

Tank ID: 1 (Regular (non-ethanol)) ☒ In-Tank Gauging Probe. Model: Magnetostrictive Plus ☒ Annular Space or Vault Sensor. Model: Hydrostatic (Brine) ☒ Piping Sump / Trench Sensor(s). Model: 794380-208 ☐ Fill Sump Sensor(s). Model: ☐ Mechanical Line Leak Detector. Model: ☒ Electronic Line Leak Detector. Model: PLLD ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E).	Tank ID: 2 (Regular) ☒ In-Tank Gauging Probe. Model: Magnetostrictive Plus ☒ Annular Space or Vault Sensor. Model: Hydrostatic (Brine) ☒ Piping Sump / Trench Sensor(s). Model: 794380-208 ☐ Fill Sump Sensor(s). Model: ☐ Mechanical Line Leak Detector. Model: ☒ Electronic Line Leak Detector. Model: PLLD ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E).
Tank ID: 3 (Premium) ☒ In-Tank Gauging Probe. Model: Magnetostrictive Plus ☒ Annular Space or Vault Sensor. Model: Hydrostatic (Brine) ☒ Piping Sump / Trench Sensor(s). Model: 794380-208 ☐ Fill Sump Sensor(s). Model: ☐ Mechanical Line Leak Detector. Model: ☒ Electronic Line Leak Detector. Model: PLLD ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E).	Tank ID: 4 (Diesel) ☒ In-Tank Gauging Probe. Model: Magnetostrictive Plus ☒ Annular Space or Vault Sensor. Model: Hydrostatic (Brine) ☒ Piping Sump / Trench Sensor(s). Model: 794380-208 ☐ Fill Sump Sensor(s). Model: ☐ Mechanical Line Leak Detector. Model: ☒ Electronic Line Leak Detector. Model: PLLD ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E).

Are there dispensers present? ☒ Yes ☐ No

Dispenser ID: 1/2 (MPD) ☒ Dispenser Containment Sensor(s). Model: 794380-208 ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	Dispenser ID: 3/4 (MPD) ☒ Dispenser Containment Sensor(s). Model: 794380-208 ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: 5/6 (MPD) ☒ Dispenser Containment Sensor(s). Model: 794380-208 ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	Dispenser ID: 7/8 (MPD) ☒ Dispenser Containment Sensor(s). Model: 794380-208 ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: 9/10 (MPD) ☒ Dispenser Containment Sensor(s). Model: 794380-208 ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	Dispenser ID: 11/12 (MPD) ☒ Dispenser Containment Sensor(s). Model: 794380-208 ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: 13/14 (MPD) ☒ Dispenser Containment Sensor(s). Model: 794380-208 ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	Dispenser ID: 15/16 (MPD) ☒ Dispenser Containment Sensor(s). Model: 794380-208 ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).

C. Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; (check all that apply):

☒ System set-up ☐ Alarm history report

Technician Name (print):

Signature:

Brian Hall
 Certification No.: Veeder Root Certification# B37167
 Testing Company Name: Crompco Corporation Phone No.: 610-278-7203
 Site Address: 1815 Gallagher Road, Plymouth Meeting, PA 19462
 Date of Testing/Servicing: Tue Sep 18th, 2018



D. Results of Testing/Servicing

Software Version Installed:

Complete the following checklist:

Yes	Is the audible alarm operational?
Yes	Is the visual alarm operational?
No	Were all sensors visually inspected, functionally tested, and confirmed operational?
Yes	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
Yes	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
Yes	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? (Check all that apply) ☒ Sump/Trench Sensors; ☒ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☒ Yes; ☐ No; ☐ N/A.
N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger?% If NA, then what is the Primary Method of Overfill: ☒ Ball Floats ☐ Overfill Drop Tubes ☐ Other:
No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
No	Was liquid found inside any secondary containment systems designed as dry systems? (Check all that apply) ☐ Product; ☐ Water If yes, describe causes in Section E, below.
Yes	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable.
Yes	Is all monitoring equipment operational per manufacturer's specifications?

E. Comments

We were unable to access the Diesel Multi-port sensor for testing. We could not remove the access cap on the Multi-port lid.

F. In-Tank Gauging / SIR Equipment:

☐ Check this box if tank gauging is used only for inventory control.

☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

N/A	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
Yes	Were all tank gauging probes visually inspected for damage and residue buildup?
Yes	Was accuracy of system product level readings tested?
Yes	Was accuracy of system water level readings tested?
Yes	Were all probes reinstalled properly?
Yes	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

G. Line Leak Detectors (LLD):

☐ Check this box if LLDs are not installed.

Complete the following checklist:

Yes	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? (Check all that apply) Simulated leak rate: ☒ 3 g.p.h.; ☐ 0.2 g.p.h.; ☐ 0.1 g.p.h.
Yes	Were all LLDs confirmed operational and accurate within regulatory requirements?
Yes	Was the testing apparatus properly calibrated?
N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
Yes	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
Yes	For electronic LLDs, have all accessible wiring connections been visually inspected?
Yes	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

H. Comments:

Did overall monitor system testing pass?
Incomplete

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Remote Fill Inspection

Tank Number		Grade		Result	
4		Diesel		☒ Pass ☐ Fail ☐ Inconclusive	
Start Time	End Time	Start Pressure	End Pressure	Start Method	End Method
21:20:00	21:25:00	5	5	☒ PSI ☐ inches of H2O ☐ Hg ☐ Unknown	☒ PSI ☐ inches of H2O ☐ Hg ☐ Unknown

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Remote Fill Inspection

Tank Number		Grade		Result	
4		Diesel		☒ Pass ☐ Fail ☐ Inconclusive	
Start Time	End Time	Start Pressure	End Pressure	Start Method	End Method
21:35:00	21:40:00	10	10	☐ PSI ☒ inches of H2O ☐ Hg ☐ Unknown	☐ PSI ☒ inches of H2O ☐ Hg ☐ Unknown

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Secondary Containment Test

Containment Type: Spill Bucket		Dry Break Location:		Manufacturer: OPW 15 gallon	Equip # / Location: 1
Method: ☐ Hydro ☒ Vacuum	Grade: Regular (non-ethanol)	Result: P	Start Time: 22:00 End Time: 22:01	Start Date: 2018-09-18 End Date: 2018-09-18	Start Vacuum (inches H2O) 30 End Vacuum (inches H2O) 30

Secondary Containment Test

Containment Type: Spill Bucket		Dry Break Location:		Manufacturer: OPW 15 gallon	Equip # / Location: 2
Method: ☐ Hydro ☒ Vacuum	Grade: Regular	Result: P	Start Time: 22:06 End Time: 22:07	Start Date: 2018-09-18 End Date: 2018-09-18	Start Vacuum (inches H2O) 30 End Vacuum (inches H2O) 30

Secondary Containment Test

Containment Type: Spill Bucket		Dry Break Location:		Manufacturer: OPW 15 gallon	Equip # / Location: 3
Method: ☐ Hydro ☒ Vacuum	Grade: Premium	Result: P	Start Time: 22:13 End Time: 22:14	Start Date: 2018-09-18 End Date: 2018-09-18	Start Vacuum (inches H2O) 30 End Vacuum (inches H2O) 29

Secondary Containment Test

Containment Type: Spill Bucket		Dry Break Location:		Manufacturer: OPW 15 gallon	Equip # / Location: 4
Method: ☐ Hydro ☒ Vacuum	Grade: Diesel	Result: P	Start Time: 22:23 End Time: 22:24	Start Date: 2018-09-18 End Date: 2018-09-18	Start Vacuum (inches H2O) 30 End Vacuum (inches H2O) 30

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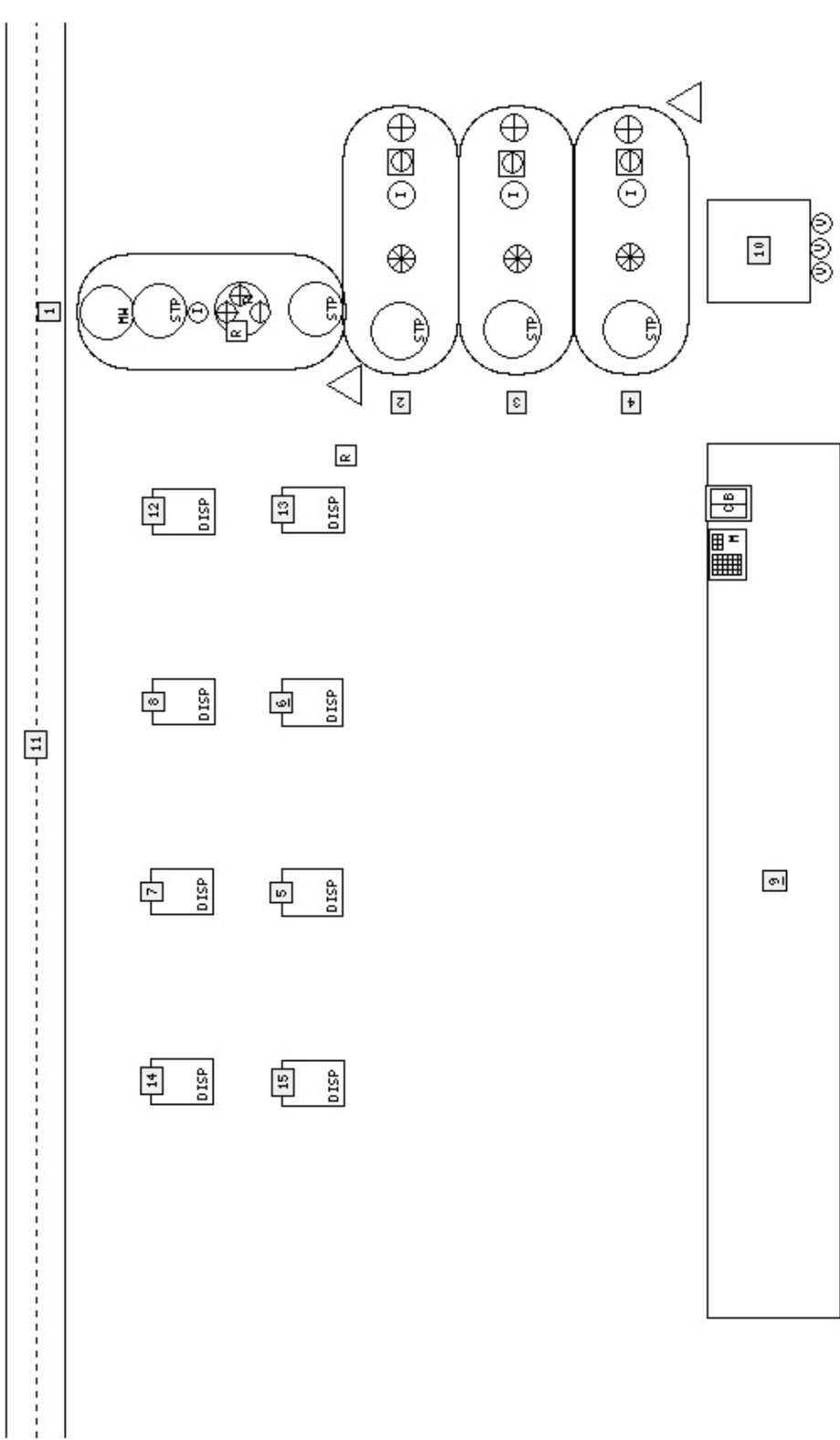
CROMPCO

Date: 2018-09-18

Work Order #: 567548

Location #: 554

Remote Fill	ATG	Emergency Stop	Road	Fixed Reference Cell	Circuit Breaker	Vent	Overfill Alarm
Dry Brake	Emergency Stop	Block	Block	Stage 1 w/ Extractor	Interstitial	Containment Sump	Dispenser
	Riser	Fill	Fill	CP Test Station	Temp Well Installed	Monitor	Rectifier
	Anode	STP	STP	Flapper Direction	Compass	Well	Drop Tank
	Extractor	CP Junction Box	CP Junction Box	Tank	Manway	DW Fill	Remote Dry Brake



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Site Diagram Labels

- 1: Tank - Diesel004
- 2: Tank - Prem003
- 3: Tank - Reg002
- 4: Tank - Reg/NonEthanol001
- 5: Dispenser - 3/4
- 6: Dispenser - 5/6
- 7: Dispenser - 11/12
- 8: Dispenser - 13/14
- 9: Block - QuikTrip #554
- 10: Block - Dumpster
- 11: Road - SW 63rd Street
- 12: Dispenser - 15/16 W/Diesel
- 13: Dispenser - 7/8 W/Diesel
- 14: Dispenser - 9/10 W/Diesel
- 15: Dispenser - 1/2 W/Diesel



Iowa Department of Natural Resources
Underground Storage Tank Section
502 East 9th Street
Des Moines, IA 50319-0034

Secondary Containment Testing Report Form

This form is intended for use by UST Professionals performing periodic testing of UST secondary containment systems. Secondary containment systems must be liquid tight and must be inspected and tested every two years [567-135.3(9)"g"]. Use the appropriate pages of this form to report results for all components tested. The completed form, written test procedures, and printouts from tests (if applicable), should be provided to the facility owner/operator and available for review by DNR and compliance inspectors.

1. FACILITY INFORMATION		
Facility Name: QUICKTRIP #554		Registration No. 200200017
Contact:	Phone: 515-247-2914	
Address: 901 S.W. 63rd. ST.		
City: DES MOINES,	State: Iowa	ZIP: 50312
2. TESTING CONTRACTOR INFORMATION		
Company Name: Crompco LLC		Date of Testing: 09/18/2018
Technician Conducting Test: Brian Hall		
License Type:	License Number: Iowa Cert: 1536	
MANUFACTURER TRAINING		
Manufacturer	Component(s)	Date Training Expires

3. SUMMARY OF TEST RESULTS									
Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
1 REGULAR NON ETHANOL	☒	☐	☐	☐		☐	☐	☐	☐
2 REGULAR	☒	☐	☐	☐		☐	☐	☐	☐
3 PREMIUM	☒	☐	☐	☐		☐	☐	☐	☐
4 DIESEL	☒	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
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	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: Brian Hall Date: 09/18/2018

9. SPILL BUCKET TESTING

This form is intended for use by contractors performing testing of UST spill containment structures. These structures must be liquid tight. The completed form should be provided to the facility owner/operator and available for review by DNR and compliance inspectors.

FACILITY INFORMATION

Facility Name: QUICKTRIP #554	Date of Testing: 09/18/2018
Facility Address: 901 S.W. 63rd. ST. DES MOINES, IA 50312	
Facility Contact:	Phone: 515-247-2914
Date Local Agency Was Notified of Testing :	
Name of Local Agency Inspector (if present during testing):	

TESTING CONTRACTOR INFORMATION

Company Name: Crompco LLC	
Technician Conducting Test: Brian Hall	
Credentials: ☐ CSLB Contractor ☐ ICC Service Tech. ☐ SWRCB Tank Tester ☐ Other (Specify)	
License Number(s): Iowa Cert: 1536	

SPILL BUCKET TESTING INFORMATION

Test Method Used:	☐ Hydrostatic	☒ Vacuum	☐ Other (Specify) :	
Test Equipment Used:	Equipment Resolution:			
Identify Spill Bucket (By Tank Number, Stored Product, etc.)	TANK 1	TANK 2	TANK 3	TANK 4
Bucket Installation Type:	☒ Direct Bury ☐ Contained in Sump	☒ Direct Bury ☐ Contained in Sump	☒ Direct Bury ☐ Contained in Sump	☐ Direct Bury ☒ Contained in Sump
Bucket Diameter:	11	11	11	11
Bucket Depth:	11	11	11	11
Wait time between applying vacuum/water and start of test:	1 MIN.	1 MIN.	1 MIN.	1 MIN.
Test Start Time (T _i):	2200	2206	2213	2223
Initial Reading (R _i):	30" WC	30" WC	30" WC	30" WC
Test End Time (T _f):	2201	2207	2214	2224
Final Reading (R _f):	30" WC	30" WC	29" WC	30" WC
Test Duration (T _f - T _i):	1 MIN.	1 MIN.	1 MIN.	1 MIN.
Change in Reading (R _f - R _i):	0" WC	0" WC	1" WC	0" WC
Pass/Fail Threshold or Criteria:	4" WC	4" WC	4" WC	4" WC
TEST RESULTS:	☒ Pass ☐ Fail	☒ Pass ☐ Fail	☒ Pass ☐ Fail	☒ Pass ☐ Fail

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

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CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: Brian Hall Date: 09/18/2018

WO # 567548

QUIKTRIP CORPORATION
REMOTE FILL VISUAL INSPECTION CHECKLIST

<u># 554</u> QUIKTRIP STORE #	<u>901 S.W. 63rd. ST.</u> STORE ADDRESS	<u>DES MOINES</u> CITY
<u>IA</u> STATE	<u>BRIAN HALL / CROMPCO LLC.</u> INSPECTION PERFORMED BY	<u>09/18/2018</u> DATE

CHECKLIST	REMOTE FILL #1 Grade: DIESEL	REMOTE FILL #2 Grade: _____	REMOTE FILL #3 Grade: _____	REMOTE FILL #4 Grade: _____
Type of base – composite or cast iron?	COMPOSITE			
Type of vapor recovery bucket – composite or cast	N/A			
Are 4” test valves present?	YES			
Type of remote fill piping: 6” over 4” or 4” LCX	4" LCX			
Piping distance estimate.	15 FEET			
Is a tapered threaded cap on the drop riser present?	YES			
Overall condition of remote fill entry sump.	GOOD			
Vapors in adjacent storm drains?	NO			
Do we have stick ports with trap door for tank?	YES			
Does the stick port have drop tubes?	NO			
Are other spill containments over the tanks plugged and capped?	N/A			
Are sump sensors present in remote fill entry sump?	YES			
Remote Fill Line Pressure Test Results	PASS			
Remote Fill Riser Test Results/ or N/A if not	N/A			
Remote Fill Low Pressure Test Results	PASS			
Hydrostatic Spill Bucket Test Results	PASS			
Remote Air Test on Double Wall Spill Bucket Test Results or N/A if not	N/A			

**QUIKTRIP CORPORATION
PRESSURIZED PRODUCT LINE LEAK DETECTOR TESTS**

2018-09-18
DATE

QuikTrip
FACILITY
NAME

901 SW 63RD ST.
FACILITY ADDRESS

DES MOINES
CITY

Electronic
LINE LEAK DETECTOR TYPE

Veeder Root / TLS-350
MAKE / MODEL OF AUTOMATIC TANK
GAUGE

VR / PLLD
MAKE / MODEL OF ELECTRONIC LINE LEAK
DETECTOR(S)

FUNCTION TEST ELECTRONIC LINE LEAK DETECTION

ANNUAL ELECTRONIC LEAK DETECTOR TEST PERFORMED BY: (Name/Company) Crompoo LLC
(ELLD testing-complete bottom section and attach printout documenting the system shutdown or alarmed when tested)

Technician's Telephone No.: 610-278-7203 Date of Test(s): 2018-09-18

Test Method (must detect 3 gph @ 10 psi leak): LD Test Technician Signature:

(1) Product	(2) Type & Serial Number	(3) Opening Time	(4) Operating Pressure PSI	(5) Metering Pressure PSI	(6) Measured Leak Rate - Specify CC or Oz / Min.	(7) Pass / Fail
If Diesel, must use Diesel leak detector	If not recording serial #, explain why.	Seconds required to open to full pressure.	Full pump pressure	Detector in leak mode, nozzle closed.	Quantity & Duration of created leak	Includes proper installation per Mfg
With Detector in Leak Mode, open nozzle. Flow should be 3 gallons/hour. Close nozzle & observe pressure, while continuing to create leak; pressure should return to rate in column 5. If full line pressure (column 4) is achieved with nozzle closed & created leak in progress, FAIL.						
(1) 1 Regular (non-ethanol)	Veeder Root / PLLD / 170466		32		3 GPH	Pass
(2) 2 Regular	Veeder Root / PLLD / 257422		32		3 GPH	Pass
(3) 3 Premium	Veeder Root / PLLD / 170463		32		3 GPH	Pass
(4) 4 Diesel	Veeder Root / PLLD / 381542		33		3 GPH	Pass

Any Active Alarms on TLS 350 at Time of Inspection? If so please list:

1 Regular (non-ethanol) -
2 Regular -
3 Premium -
4 Diesel -

Electronic line leak detectors must be capable of and must perform a 0.2 gallon-per-hour leak test at least once every 30 days (this function is usually programmed into the electronic control device); and it must be capable of and must perform a 0.1 gallon-per-hour leak test once each year. Operator must provide written proof of these tests (30-day & yearly) being completed successfully. Record below the date each month of the 0.2 gph tests and the date of the annual 0.1 gph test.

ELECTRONIC LINE LEAK DETECTION

CHECK (X) EACH MONTH OF 0.2 GPH LINE TEST BY ELECTRONIC LINE LEAK DETECTOR (ATTACH WRITTEN RECORD):

Product: 1 Regular (non-ethanol)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Product: 2 Regular	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Product: 3 Premium	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Product: 4 Diesel	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

ANNUAL 0.1 GPH LINE TEST BY ELECTRONIC LINE LEAK DETECTOR (ATTACH WRITTEN RECORD):

Product: 1 Regular (non-ethanol) Date Passed 0.1 Annual Test 0000-00-00

Product: 2 Regular Date Passed 0.1 Annual Test 0000-00-00

Product: 3 Premium Date Passed 0.1 Annual Test 0000-00-00

Product: 4 Diesel Date Passed 0.1 Annual Test 0000-00-00

If 0.1, 0.2, or 3.0 gph test failed please list line number, test, and reason for failure:

1 Regular (non-ethanol) -

2 Regular -

3 Premium -

4 Diesel -

APPENDIX C-5

UST OVERFILL EQUIPMENT INSPECTION AUTOMATIC SHUTOFF DEVICE AND BALL FLOAT VALVE

Facility Name: QuikTrip	Owner: QuikTrip Corporation	
Address: 901 SW 63RD ST.	Address: P.O. Box 3475	
City, State, Zip Code: DES MOINES, IA 50312	City, State, Zip Code: Tulsa, OK 74101	
Facility I.D. #: 200200017	Phone #: 918-615-7658	
Testing Company: Crompco	Phone #: 800-646-3161	Date: 2018-09-18

This data sheet is for inspecting automatic shutoff devices and ball float valves. See PEI/RP1200, Section 7 for inspection procedures

Product Grade	Diesel	Regular (non-ethanol)
Tank Number	4	1
Tank Volume, gallons	11904	11527
Tank Diameter, inches	120	92
Overfill Prevention Device Brand	OPW 71SO	OPW
Type	☐ Automatic Shutoff Device ☐ Ball Float Valve	☐ Automatic Shutoff Device ☐ Ball Float Valve

AUTOMATIC SHUTOFF DEVICE INSPECTION

1. Drop tube removed from tank?	Y	
2. Drop tube and float mechanisms are free of debris?	Y	
3. Float moves freely without binding and poppet moves into flow path?	Y	
4. Bypass valve in the drop tube is open and free of blockage? (if present)?	Y	
5. Flapper is adjusted to shut off flow at 95% capacity or lower? *	Y	

BALL FLOAT VALVE INSPECTION

1. Tank top fittings are vapor-tight and leak-free?		Y
2. Ball float cage free of debris?		Y
3. Ball is free of holes and cracks and moves freely in cage?		Y
4. Vent hole in pipe is open and near top to tank?		Y
5. Ball float pipe is proper length to restrict flow at 90% capacity or lower? **		Y
Test Results	Pass	Pass

* Use manufacturer's suggested procedure for determining if automatic shutoff device will shut off flow at 95% capacity.

** Use manufacturer's suggested procedure for determining if flow restriction device will shut off flow at 90% capacity.

Comments:

Tester's Name Brian Hall



Tester's Signature

Work Ticket #: 567548
Address: 901 SW 63RD ST. DES MOINES, IA 50312
Station #: 554
Service Date: 09/18/2018

Parts Sold

Quantity Sold	Part Name	Manufacturer	Part #	Description
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Service Details

Crompco was on site performing testing, repairs, calibration and/or inspections for the following reason:

Compliance

Comments

Gallons Pumped:

Site Arrival Time: Site Depart Time:

Confirmation

By signing this verification you are agreeing that Crompco LLC performed various compliance testing and/or repairs and replaced parts as listed above.

Printed Name

Email

Signature

jerolyn wilson

☒ Signature captured

☐ Refused to sign

☐ No one available to sign