



THE OSCAR W. LARSON COMPANY

CORPORATE OFFICE: 10100 DIXIE HIGHWAY, CLARKSTON, MI 48348

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Call Number: 220502-0337

APPENDIX C-5

UST OVERFILL EQUIPMENT INSPECTION AUTOMATIC SHUTOFF DEVICE AND BALL FLOAT VALVE

Facility Name: SIMONTON LAKE MARATHON 202481	Owner:					
Address: 51451 State Route 19	Address:					
City, State, Zip Code: Elkhart, IN, 46514	City, State, Zip Code:					
Facility I.D. #:	Phone #:					
Testing Company: Oscar W. Larson	Phone #:				Date: 12/19/2022	
This data sheet is for inspecting automatic shutoff devices and ball float valves. See PEI/RP1200, Section 7 for inspection procedures.						
Product Grade	Regular Unleaded	Regular Unleaded	Premium Unleaded			
Tank Number	1	2	3			
Tank Volume, gallons	8,021.6	4,018.6	4,018.6			
Tank Diameter, inches	96"	72"	72"			
Overfill Prevention Device Brand	OPW	OPW	OPW			
Type	☒ Automatic Shutoff Device ☐ Ball Float Valve	☒ Automatic Shutoff Device ☐ Ball Float Valve	☒ Automatic Shutoff Device ☐ Ball Float Valve	☐ Automatic Shutoff Device ☐ Ball Float Valve	☐ Automatic Shutoff Device ☐ Ball Float Valve	☐ Automatic Shutoff Device ☐ Ball Float Valve

AUTOMATIC SHUTOFF DEVICE INSPECTION

1. Drop tube removed from tank?	☒ Yes ☐ No	☒ Yes ☐ No	☒ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
2. Drop tube and float mechanisms are free of debris?	☒ Yes ☐ No	☒ Yes ☐ No	☒ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
3. Float moves freely without binding and poppet moves into flow path?	☒ Yes ☐ No	☒ Yes ☐ No	☒ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
4. Bypass valve in the drop tube is open and free of blockage (if present)?	☒ Yes ☐ No ☐ Not Present	☒ Yes ☐ No ☐ Not Present	☒ Yes ☐ No ☐ Not Present	☐ Yes ☐ No ☐ Not Present	☐ Yes ☐ No ☐ Not Present	☐ Yes ☐ No ☐ Not Present
5. Flapper is adjusted to shut off flow at 95% capacity?*	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No

A "No" to any item in Lines 1-5 indicates a test failure.

BALL FLOAT VALVE INSPECTION

1. Tank top fittings are vapor-tight and leak-free?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
2. Ball float cage free of debris?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
3. Ball is free of holes and cracks and moves freely in cage?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
4. Vent hole in pipe is open and near top of tank?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
5. Ball float pipe is proper length to restrict flow at 90% capacity?*	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No

A "No" to any item in Lines 1-5 indicates a test failure.

Test Results	☒ Pass ☐ Fail	☒ Pass ☐ Fail	☒ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail
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* 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 restrict flow at 90% capacity.

Comments: single point drops. Can not verify if there are ball/cages. set new drop tubes at 90% shutoff.

Tester's Name Joshua Wetli

Tester's Signature 

Current Inventory Printout

BRANTON DWE
HARTING
21416 ST ST 12
ELDMART IN
DEC 19, 2002 11:07 PM

POSTED STATUS REPORT
T 000000 WATER ALARM
T 000000 WATER WARNING

INVENTORY REPORT

T 1 UNCEALED
VOLUME * 4297 GALS
WLLAGE * 2735 GALS
30% WLLAGE * 2932 GALS
T1 VOLUME * 4025 GALS
HEIGHT * 50.63 INCHES
WATER VOL * 0 GALS
WATER * 0.00 INCHES
TEMP * 42.1 DEG F

T 2 UNCEALED
VOLUME * 1063 GALS
WLLAGE * 2942 GALS
30% WLLAGE * 2840 GALS
T2 VOLUME * 1001 GALS
HEIGHT * 29.98 INCHES
WATER VOL * 0 GALS
WATER * 0.00 INCHES
TEMP * 43.0 DEG F

T 3 DIPPED
VOLUME * 1187 GALS
WLLAGE * 2644 GALS
30% WLLAGE * 2242 GALS
T3 VOLUME * 1179 GALS
HEIGHT * 26.58 INCHES
WATER VOL * 0 GALS
WATER * 0.00 INCHES
TEMP * 49.0 DEG F

UNCEALED TANKS
INVENTORY TOTALS
T 1 UNCEALED
T 2 UNCEALED
VOLUME * 5350 GALS
T1 VOLUME * 5415 GALS
***** END *****



Overfill Prevention Equipment Inspection
OPW 61 and OPW 71 Series Overfill Prevention Device Inspection

Service Call#: 220502-0337
Date: 12/19/2022
Customer Name: Sum Midwest Petroleum
Location #: SIMONTON LAKE MARATHON 202481
Location Address: 51451 State Route 19
Drop Tube Model #: _____

PART 1) Proper height setting calculation

Maximum tank volume per _____
Max shutoff requirement for flapper is 90%
Multiply maximum tank volume by 90%
Use tank chart or ATG to determine height of calculated volume
Measure from tank top to fill riser threads, or face seal adapter
Tank Diameter _____
Upper tube in tank (G) $F-D=G$
Subtract 2 inches from upper tube in tank $G-2=H$
Calculate minimum upper tube length (I) $H+E=I$
Actual measured upper tube length (without fill adapter) (J) _____

	Regular	Regular 2	Premium	
A gallons	8021.6	4018.6	4018.6	
B 90%	0.90	0.90	0.90	0.90
C gallons	7219.44	3616.74	3616.74	0
D inches	80.5	60.5	60.5	
E inches	34.875	36.5	30	
F inches	96	72	72	
G inches	15.5	11.5	11.5	0
H inches	13.5	9.5	9.5	-2
I inches	48.375	46	39.5	-2
J inches	48.375	46	39.5	

Part 2) Device certification criteria evaluation

Criteria 1 Does the overfill prevention device meet the 90% requirement?
Criteria 2 Is the actual measured upper tube length equal 6.5" or more than the fill riser? (J must be 6.5" or more than E)
Criteria 3 Does the overfill prevention device function as required? (inspect the device for damage, contamination, freedom of movement, weakening due to wear and corrosion)

Yes	Yes	Yes	
Yes	Yes	Yes	
Yes	Yes	Yes	

Part 3) Device certification Pass / Fail

Technician certifies that the device is operationally compliant.
If the response to Criteria 1, 2, and 3 above are yes

Pass	Pass	Pass	
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Comments:
single point fills. can not verify if there are ball/cages. set new drop tubes to 90% shutoff.

Service Technician: _____

Date: 12/19/2022

Overfill Prevention Equipment Inspection
OPW 61 and 71 Series Overfill Prevention Device Inspection

