Tanknology
11000 N. MoPac Expressway, Suite 500
Austin, Texas 78759
Phone: (512) 451-6334
Fax: (512) 459-1459

RECEIVED
FEB 06 2025
By

Date Printed and Mailed: 1/30/2025

DEC-SCHENECTADY
REGION 4
1130 NORTH WESTCOTT ROAD
SCHENECTADY, NY 12306

Test Date: 1/24/2025
Order Number: 8606751

Dear Regulator,

Enclosed are the results of recent testing performed at the following facility:

CUMBERLAND FARMS #1559/ 3145
236 MAIN STREET
PO BOX 658, PBS#4-036897
CAIRO, NY 12413

Testing conducted in accordance with paragraph 613-2.3(d)(2) of NYCRR. Technician is a certified Vacutect tank tester and/or a certified TLD-1 line tester in accordance with company protocol. Technician address on file at Tanknology corporate office: 11000 N. MoPac Expressway, Suite 500, Austin, TX 78759

Testing performed:
OVERFILL OPERABILITY

Sincerely,

Dawn Kohlmeyer

Dawn Kohlmeyer
Manager, Field Reporting

EMCO
WHEATON RETAIL

Wilson, North Carolina 27893
Telephone: 252.243.0150
Web: www.emcoretail.com

A1100 Overfill Prevention Valve Calculation Sheet

This calculation sheet is to document the dimensions needed for proper installation and should be used only with the instructions. This sheet assumes 95% maximum fill based on NFPA30 guidelines. Length measurements are in inches. Contact the local Authority Having Jurisdiction (AHJ) to determine all regulatory requirements regarding fill capacity.

TANK: Tank 1 - Overfill 1 UNLEADED Flapper Valve PRIMARY

Test Date: 1/24/2025
Testing Company: Tanknology, Inc.

Company:CUMBERLAND FARM
Site: 3145
Address:236 MAIN STREET PO BOX 658, PBS#4-036897 ,CAIRO ,NY

Overfill Valve Height Inspection

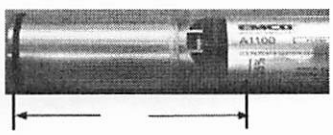
1. Tank Diameter is TD	92.00
2. Tank Capacity is TC	11627.00
3. Desired Shutoff Percentage (Note NFPA Guidelines)	0.95
4. Shutoff Tank CapacityTC@ shutoff % = TC x 0.95	11045.65
5. Tank Level from Stick Chart for Shutoff Capacity (95%)	82.75
6. Tank B DimensionB = TD - TL @ 95%	9.25
7. Distance from top seal surface (1) to the top (inside) of the tank (2) is A CAUTION: If tank has a manway make sure to account for the manway height.	36.50
8. **Calculated Minimum** Length of OPV top tube to (95% mark) on the A1100 is C See Picture. Measure C distance from the 95% line on valve and cut top tube	45.75
9. **Actual Measured** Length of OPV top tube to (95% mark) on the A1100 (measure)	46.75
10. **Result** of Valve height Inspection (if Actual is >= Calculated PASS)	Pass
11. **Inspect** the device for corrosion, damage, and confirm proper operation? P/F	Pass

comments:

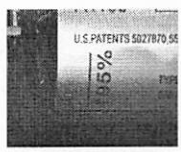
Drop Tube Tank Bottom Clearance Inspection

1. Distance from the top seal surface to the tank bottom	127.00
2. Distance from the top of drop tube to the highest point of bottom tube cut	122.00
3. **Actual** Maximum tube distance from tank bottom	5.00

comments:

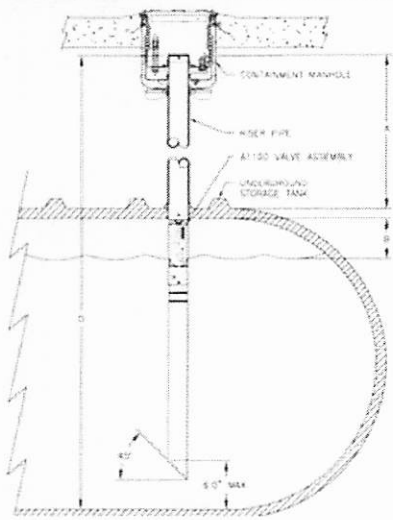


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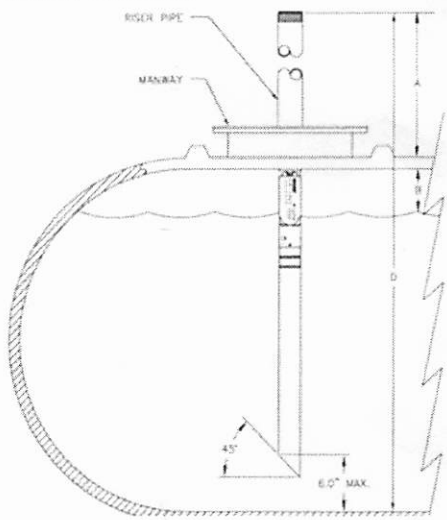


1. The sealing surface refers to the location of the OPV collar sealing point. It may be the riser pipe or the seal surface built in to some spill buckets.
2. If the tank uses a manway, be sure to use the tank top for measurement and not the top of the manway as shown in the diagram.

Riser Pipe with Spill Containment Manhole



Manway Style Tank



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A1100 Overfill Prevention Valve Calculation Sheet

This calculation sheet is to document the dimensions needed for proper installation and should be used only with the instructions. This sheet assumes 95% maximum fill based on NFPA30 guidelines. Length measurements are in inches. Contact the local Authority Having Jurisdiction (AHJ) to determine all regulatory requirements regarding fill capacity.

TANK: Tank 2 - Overfill 2 UNLEADED Flapper Valve PRIMARY

Test Date: 1/24/2025
Testing Company: Tanknology, Inc.

Company:CUMBERLAND FARM
Site: 3145
Address:236 MAIN STREET PO BOX 658, PBS#4-036897 ,CAIRO ,NY

Overfill Valve Height Inspection

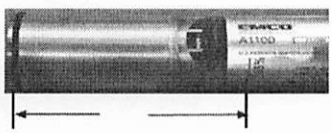
1. Tank Diameter is TD	92.00
2. Tank Capacity is TC	11627.00
3. Desired Shutoff Percentage (Note NFPA Guidelines)	0.95
4. Shutoff Tank CapacityTC@ shutoff % = TC x 0.95	11045.65
5. Tank Level from Stick Chart for Shutoff Capacity (95%)	82.75
6. Tank B DimensionB = TD - TL @ 95%	9.25
7. Distance from top seal surface (1) to the top (inside) of the tank (2) is A CAUTION: If tank has a manway make sure to account for the manway height.	37.00
8. **Calculated Minimum** Length of OPV top tube to (95% mark) on the A1100 is C See Picture. Measure C distance from the 95% line on valve and cut top tube	46.25
9. **Actual Measured** Length of OPV top tube to (95% mark) on the A1100 (measure)	46.50
10. **Result** of Valve height Inspection (if Actual is >= Calculated PASS)	Pass
11. **Inspect** the device for corrosion, damage, and confirm proper operation? P/F	Pass

comments:

Drop Tube Tank Bottom Clearance Inspection

1. Distance from the top seal surface to the tank bottom	129.00
2. Distance from the top of drop tube to the highest point of bottom tube cut	124.00
3. **Actual** Maximum tube distance from tank bottom	5.00

comments:

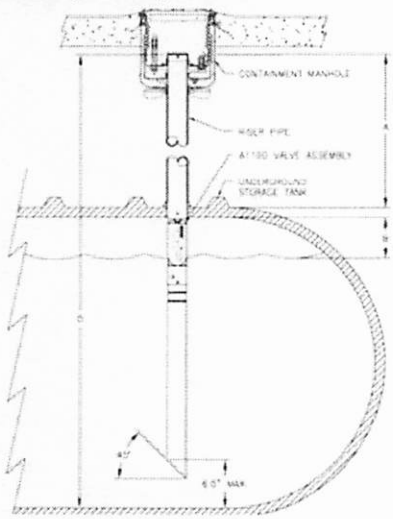


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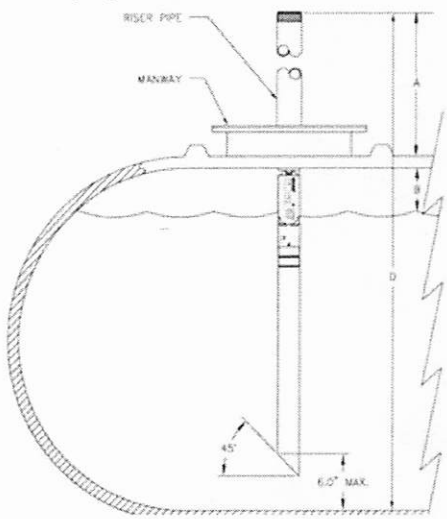


1. The sealing surface refers to the location of the OPV collar sealing point. It may be the riser pipe or the seal surface built in to some spill buckets.
2. If the tank uses a manway, be sure to use the tank top for measurement and not the top of the manway as shown in the diagram.

Riser Pipe with Spill Containment Manhole



Manway Style Tank



WO: 8606751

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A1100 Overfill Prevention Valve Calculation Sheet

This calculation sheet is to document the dimensions needed for proper installation and should be used only with the instructions. This sheet assumes 95% maximum fill based on NFPA30 guidelines. Length measurements are in inches. Contact the local Authority Having Jurisdiction (AHJ) to determine all regulatory requirements regarding fill capacity.

TANK: Tank 3 - Overfill 3 SUPER Flapper Valve PRIMARY

Test Date: 1/24/2025
Testing Company: Tanknology, Inc.

Company:CUMBERLAND FARM
Site: 3145
Address:236 MAIN STREET PO BOX 658, PBS#4-036897 ,CAIRO ,NY

Overfill Valve Height Inspection

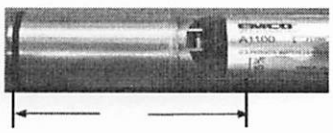
1. Tank Diameter is TD	92.00
2. Tank Capacity is TC	7795.00
3. Desired Shutoff Percentage (Note NFPA Guidelines)	0.95
4. Shutoff Tank CapacityTC@ shutoff % = TC x 0.95	7405.25
5. Tank Level from Stick Chart for Shutoff Capacity (95%)	82.75
6. Tank B DimensionB = TD - TL @ 95%	9.25
7. Distance from top seal surface (1) to the top (inside) of the tank (2) is A CAUTION: If tank has a manway make sure to account for the manway height.	36.00
8. **Calculated Minimum** Length of OPV top tube to (95% mark) on the A1100 is C See Picture. Measure C distance from the 95% line on valve and cut top tube	45.25
9. **Actual Measured** Length of OPV top tube to (95% mark) on the A1100 (measure)	46.00
10. **Result** of Valve height Inspection (if Actual is >= Calculated PASS)	Pass
11. **Inspect** the device for corrosion, damage, and confirm proper operation? P/F	Pass

comments:

Drop Tube Tank Bottom Clearance Inspection

1. Distance from the top seal surface to the tank bottom	129.00
2. Distance from the top of drop tube to the highest point of bottom tube cut	123.00
3. **Actual** Maximum tube distance from tank bottom	6.00

comments:

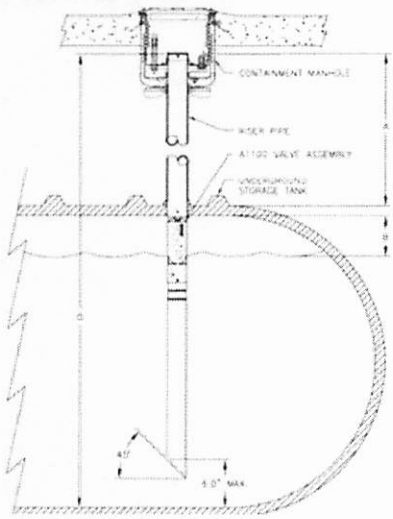


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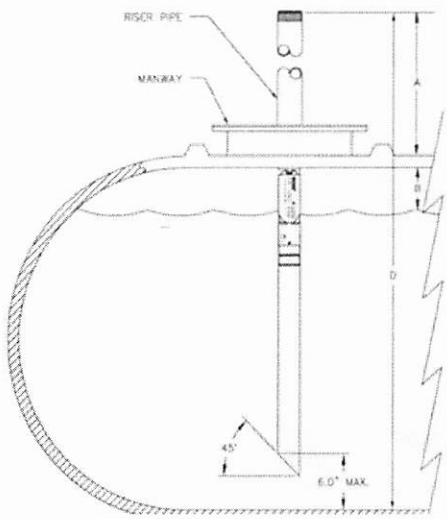


1. The sealing surface refers to the location of the OPV collar sealing point. It may be the riser pipe or the seal surface built in to some spill buckets.
2. If the tank uses a manway, be sure to use the tank top for measurement and not the top of the manway as shown in the diagram.

Riser Pipe with Spill Containment Manhole



Manway Style Tank



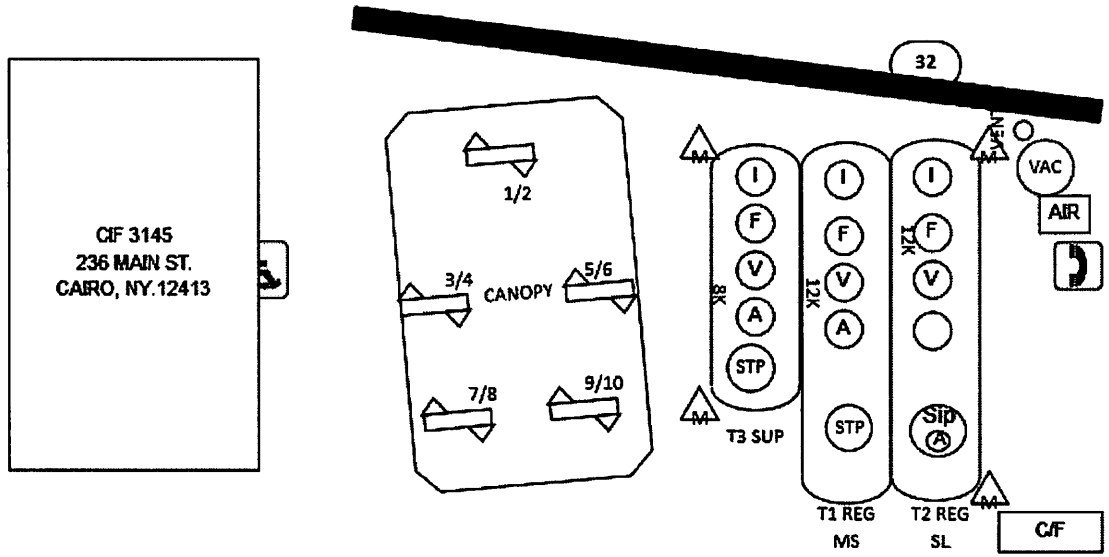
Tanknology

Site Diagram

(This site diagram is for reference only and is not drawn to scale)

Work Order:	8606751
Site ID / Name:	3145 / CUMBERLAND FARMS #1559/ 3145
Address:	236 MAIN STREET PO BOX 658, PBS#4-036897
City:	CAIRO

State: NY Zip: 12413



Legend		
F Fill	FV Fill/Vapor	VR Vapor Recovery
ATG Automatic Tank Gauge	I Interstitial	VP Vapor Pot
STP Submersible Turbine Pump	TS Transition Sump	LS Sump Sensor @