



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 2

290 BROADWAY

NEW YORK, NY 10007-1866

By Email: hector.sanchez.pr@totalenergies.com

Hector I. Sanchez
HSE Manager
TotalEnergies Marketing Puerto Rico Corp.
PO Box 362916
San Juan, P.R. 00936

Subject: Underground Storage Tank(s) for: Total One Stop Red Hook
Located at: 17A Estate Smith Bay, U.S. Virgin Islands 00802
Facility ID Number: 201009
ICIS Number: 3601544938

Dear Mr. Sanchez:

Please find enclosed a copy of an inspection report where Mr. Hiep Tran of the U.S. Environmental Protection Agency, Region 2 (EPA) conducted an Underground Storage Tank (UST) Inspection on June 15, 2023, in accordance with the Resource Conservation and Recovery Act and Hazardous and Solid Waste Amendments of 1984 ("HSWA"), 42 U.S.C. § 6901 *et seq.* (collectively referred to as "RCRA" or the "Act"). Total One Stop Red Hook owns and/or operates the Underground Storage Tank(s) located at the above-mentioned facility. A "facility" as that term is defined in 40 C.F.R. § 280 is subject to the requirements of RCRA Subtitle I regulations.

This letter should not be construed as a compliance determination by the EPA of Total One Stop Red Hook with the UST regulations. However, if areas of concern were identified, please begin rectifying them as soon as possible and make sure to keep records in accordance with the regulations.

Subsequently, my enforcement staff will review the information in our program records and from the inspection determine if further actions are necessary. Once any compliance issues are identified EPA will correspond with you in writing.

If any factual disputes are identified, or you have any questions, please contact Hiep Tran by email at: tran.hiep@epa.gov or by phone at 212-637-4280.

Thank you for your cooperation.

Sincerely,

GAETANO
LAVIGNA

Digitally signed by
GAETANO LAVIGNA
Date: 2023.08.07
13:58:32 -04'00'

Gaetano LaVigna, Senior Advisor
UST Compliance Team
Enforcement and Compliance Assurance Division
US EPA Region 2

Enclosure

cc: Jesus A. Martinez Rodriguez
HSE Compliance Specialist
TotalEnergies Marketing Puerto Rico Corp.
Millennium Park Plaza, #15 Calle 2, Suite 525
Guaynabo, P.R. 00968
Email: jesus.martinezrodriguez@totalenergies.com

Austin F. Callwood
Director of Environmental Protection
Department of Planning and Natural Resources
4611 Tutu Park Mall, Suite 300
St. Thomas, VI 00802
Email: austin.callwood@vi.gov



United States Environmental Protection Agency (EPA)

Region 2

290 Broadway

New York, NY 10007-1866

Underground Storage Tank (UST) Inspection Form

INSPECTOR NAME(S): Hiep Tran

DATE: 6/15/2023

SIC CODE:

ICIS #: 3601544938

I. Location of Tank(s) <input type="checkbox"/> Tribal		II. Ownership of Tank(s) <input type="checkbox"/> same as location (I.)	
Facility Name <u>Total One Stop Red Hook</u>		Owner Name <u>total Petroleum P.R. Corp.</u>	
Street Address <u>17A Estate Smith Bay</u>		Street Address <u>P.O. 304509</u>	
City <u>St. Thomas</u>	State <u>VI</u>	City <u>St. Thomas</u>	State <u>VI</u>
Zip Code <u>00802</u>	Zip Code <u>00803</u>	County <u>St. Thomas</u>	
Phone Number <u>305-332-8569</u>	Email/Website <u>nas.rahman24@gmail.com</u>	Phone Number <u>787-397-8563</u>	Email/Website <u>jesus.martinezrodriguez@totalenergies.com</u>
Contact Person(s) <u>Muntaser Rahman - operator/owner</u>	Contact Person(s) <u>Jesus A. Martinez Rodriguez - Specialist</u>	<u>HSE Compliance</u>	
II.B. Operator of Tank(s) <input type="checkbox"/> same as location (I.)		II.C. Ownership of UST(s) at Other Facilities	
Contractor Name <u>Muntaser Rahman</u>		<input type="checkbox"/> Do you own UST(s) at other UST Facilities <input checked="" type="checkbox"/> No	
Street Address <u>17A Smith Bay</u>		If Yes, How many Facilities <u>5 in USVI</u>	
City <u>St. Thomas</u>	State <u>VI</u>	How many USTs <u>12 in USVI</u>	
Zip Code <u>00802</u>	County <u>St. Thomas</u>		
Phone Number <u>305-332-8569</u>	Fax Number <u>nas.rahman24@gmail.com</u>		
III. Notification [§ 280.22 – Subpart B]			
<input type="checkbox"/> Notification to implementing agency; name <u>USVI DPR</u>			
State Facility ID # <u>201009</u>			
Date Issued: <u>10/12/20</u> Date Expires: <u>10/11/2022</u>			
Any change from previous Notification noted? (Owner/ Operator/ Substance stored/ Substance compatibility?) Y <input type="checkbox"/> N <input type="checkbox"/>			
If Yes, Describe: _____			
IV. Financial Responsibility [§ 280.93(a) – Subpart H] <u>CHUBB</u>			
<input type="checkbox"/> State Fund*		<input type="checkbox"/> Private Insurance: Insurer/Policy # <u>TS0473-3</u>	
<input type="checkbox"/> Guarantee <input type="checkbox"/> Surety Bond		<input type="checkbox"/> Letter of Credit <u>Applicant 8/20/2024</u>	
<input type="checkbox"/> Local Government <input type="checkbox"/> Self Insured		<input type="checkbox"/> Not Required (Federal & State government, hazardous substance USTs)	
*If NY State, then answer: Is there private insurance for third party bodily injury?			
V. Operator Training [§ 280.240 – Subpart J]			
Is there an individual trained for A and B operator classes?		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Name of Class A Operator <u>Natalie Malone 10/20/2020</u>			
Are all operators for class C trained?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Does owner have a list of designated operators currently trained at each facility?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Does owner have proof of operators training or retraining?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Notes: <u>Lat = 18.32642</u>			
<u>Long = -64.85101</u>			

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Init/Date Hyt 6/15/23

VI. Tank Information	Tank No.	1	2				
Tank presently in use		Yes	Yes				
If not, date last used (see Section XII)		-	-				
If empty, verify 1" or less left (see Section XII)		-	-				
Capacity of Tank (gal)		10,000	gallons				
Substance Stored		Reg	Perm				
Compatibility Records Available?		-	-				
(Compatibility Demonstrated?)		-	-				
M/Y Tank installed/Upgraded		1/2004	→				
<u>Tank Construction:</u> Bare Steel, Sti-P3, Retrofitted sacrificial anode, Impressed Current, Composite, FRP, Interior lining, Vaulted		FRP					
Secondary Containment?							
Spill Prevention [§ 280.20(c)(1)(i), § 280.21(d)]		Yes	Yes				
Double Walled? Y/N		-	-				
If Yes, Last Monthly Check?		-	-				
If No, Last Triennial Containment Integrity Test?		5/23/23	Failed	Reg - Passed Perm - Failed	on	5/23/23	
Overfill Prevention (specify type) [§ 280.20(c)(1)(ii), § 280.21(d)]		HQA	confirmed by contractor, External Alarm was not working				
Last Triennial Inspection?		1/16/2023	→				
<u>Special Configuration:</u>		-	-				
Compartmentalized, Manifolded,		-	-				
Field Constructed,		-	-				
Airport Hydrant System		-	-				
VII. Piping Information							
<u>Piping Type:</u> Pressure, Suction		Pressure	-				
<u>Piping Construction:</u> Bare Steel, Sacrificial Anode, Impressed Current, Flex, FRP, Double-walled (DW), Non-corrodible piping		FRP	DW				
<u>Under Dispenser Containment ("UDC")? Y/N</u> If Yes, installation date?		Yes	Yes				
Date of last visual inspection/periodic monitoring							
Part of Line RD? Y/N							
If above Y, UDC Double Walled? Y/N							
If DW, Last Monthly Check of Annular Space? If non-DW or no monthly check of DW, last 3-Yr Containment Integrity Test?		5/23/23		Both Failed	on	5/23/23	

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VII. Piping Information

(Continued)

Tank No.	1	2				
Secondary Containment Sump Used for Release Detection? Y/N						
If Yes, Is Containment Sump Single/Double Walled? (SW/DW)						
For SW, or DW w/o monthly check of annular space, last 3-YR integrity check/DW sumps with monthly monitoring - Last check of Annular space?	5/23/23	→	Failed Both			

Tank and Piping Notes:

Premium sump got liquid. Suggesting to fix the problem.

Tank No.	1	2				
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VIII. Corrosion Protection (§ 280.31)

Integrity Assessment conducted prior to upgrade						
<u>Interior Lining</u>	Interior lining inspected					
	Is lining sole protection? Y/N					
<u>Impressed Current</u>	CP Test Records					
	60-day Rectifier inspection records					
<u>Sacrificial Anode:</u>	CP Test Records					

N/A

CP Notes: (Include notes of any Interior Lining inspection)

IX. Release Detection (§ 280.43-Subpart D)

N/A

<u>Tank RD Methods</u>	ATG	CSUD	→			
	Interstitial Monitoring					
	Groundwater Monitoring*					
	Vapor Monitoring*					
	Inventory Control w/ TTT					
	Manual Tank Gauging					
	Manual Tank Gauging w/ TTT					
	SIR					

Under-R60+
TL5 350R

12 Months Monitoring Records (§ 280.41(a), § 280.45(b))

Must Make Available Last 12 Months For Compliance

*Site assessment/installation documentation?

	11/6/2020					
	12/15/21					
RD Equipment Last Tested?	1/16/23	→				

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6/15/2023

X. Repairs [§ 280.33 – Subpart C]

N/A

- Repaired tanks and piping are tightness tested within 30 days of repair completion Y N Unknown
- CP systems are tested/inspected within 6 months of repair of any cathodically protected UST system Y N Unknown
- Records of repairs are maintained Y N Unknown

“Overfill/Spill/Secondary Containment systems are tested/inspected within 30 days of repair”

XI. Temporary Closure [§ 280.70 – Subpart G]

N/A

- CP continues to be maintained Y N Unknown
- UST system contains product and release detection is performed Y N Unknown
- Cap and secure all lines, pumps, manways Y N Unknown

XII. Release History [§ 280.50 – Subpart E]

N/A

To your knowledge, are there any public or private Drinking Water Wells in the vicinity? Yes / No

- Evidence of release or spills at facility
- Evidence of release in the surrounding area to the facility Greater than 25 gallons (estimate) [§ 280.53]
- Releases reported to implementing agency; if so, date(s) _____
- Release confirmed; when and how _____
- Initial abatement measures and site characterization Free product removal
- Soil or ground water contamination Corrective action plan submitted
- Remediation ongoing Remediation completed, no further action; date(s) _____
- Unusual Operating Conditions
- Interstitial Monitoring alarms

Notes:

Vecder - Root TLS 350 R was in a tight spot,

XIII. Walkthrough Inspections [§ 280.36 – Subpart C]

No records

Owner and operators must conduct walkthrough inspections of the following:

Must have monthly records Y N

- Spill Prevention Equipment – must be checked for damage, remove liquid or debris, and check fill cap. Y N
- DW spill prevention equipment with interstitial monitoring – must check for leak in interstitial area. Y N N/A
- Release detection equipment – must check to ensure operating with no alarms and review records of release detection testing. Y N

Must have annually records Y N

- Containment sumps – must check for damage, leaks, remove liquid or debris. Y N
- DW sumps with interstitial monitoring – must be checked for leak in interstitial area. Y N N/A
- Hand held release detection equipment – must check tank gauge sticks or groundwater bailer. Y N

*** Owners and operators of UST system(s) must maintain records of operation and maintenance walkthrough inspections for one year.**

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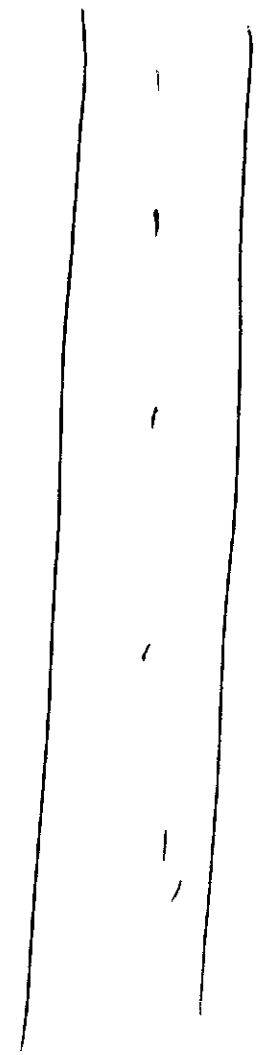
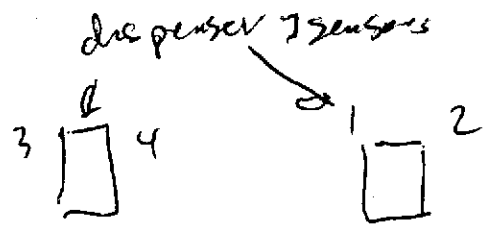
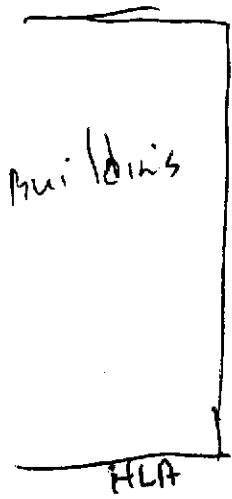
SITE DRAWING

DATE: 6/15/23 TIME ON SITE: 11:57 TIME OFF SITE: 1 pm

WEATHER: Partially Cloudy, Dry + Hot

ENVIRONMENTALLY SENSITIVE AREA: Y N

If "Yes", please describe:



Pictures

201009



THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA)
 REGION 2 UST PROGRAM
 Underground Storage Tank Team
 New York, NY 10007-1866

Facility Name One Stop Red Hook
 Address 17A Estate Smith Bay
 UST Reg # S. Thomas VI 00802
201009

Inspector Observation Report
Inspection of Underground Storage Tanks (USTs)

- No areas of concern observed at the conclusion of this inspection.
- The above named facility was inspected by a duly authorized representative of EPA Region 2, and the following are the Inspector's observations and/or recommended corrective action(s):

Areas of Concern Observed:

Regulatory Citation	Area of Concern
§ 280.20(c)(1)(i)	Failure to installation of inadequate spill prevention equipment
§ 280.20(c)(1)(ii)	Potential failure installation of inadequate overfill prevention equipment
§ 280.36(a)	Potential failure to either conduct periodic walk-through inspection every 30 days or conduct annual walk-through inspection
§ 280.241(b)	Potential failure to designate each individual who meets definition of Class Operator

Actions Taken:

- Field Citation; # _____
- Additional information required On-site request/Due date _____

Comments/Recommendations:

280.245(a) - Potential failure to maintain a list of operators (designate D)

Title of UST Owner/Operator Representative: _____

Name of UST Owner/Operator Representative: _____

AHAM THANEER
 (Please print)

[Signature]
 (Signature)

Other Participants: SUPERVISOR

Name of EPA Inspector/representative: _____

Hiep Tran
 (Please print)

[Signature]
 (Signature)

(Credential Number)

Date of Inspection 6/15/23 Time 12:30 AM/PM

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Documents Not Available During the On-Site Inspection
Please Provide As Soon As Possible

Location: One Stop RED HOOK

Facility ID Number: 201009

- Tank Registration Certificate
- Operator Training Records (Individuals training or retraining) Class C operator
- Demonstrate Financial Responsibility
- Automatic Line Leak Detector Test Records – Annual
- Line Leak Test Records – Annual
- Evidence of Spill Prevention
- Evidence of Overfill Prevention
- Tank Release Detection Records
- Vapor Monitoring Records – Monthly (12 Most Recent Months)
- Under Dispenser Containment (Visual inspection or electronic monitoring)
- Site Assessment to Demonstrate Monitor Wells Properly Installed/Located
- Documentation of Compatibility for UST Systems
- Corrosion Protection Inspection Records
- Documentation of Periodic Walk-through Inspection
- Walkthrough Inspection Records – Monthly and Annually
- Other (specify) _____

Additional Recommendations:

- ① 12 inches of liquid in the containment sump at premium
- ② sensor was removed in the containment sump premium
- ③ spill bucket had a crack in the premium tank
- ④ no record of walkthroughs inspection checklist
- ⑤ no designated Class C operator → no training records (certificates)
- ⑥ no list of designated operators.
- ⑦ HLA was not working, confirmed by the contractor.
- ⑧ veeva-root rvs 350R console located in difficult spot to access.

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Required Fields to be used for ICIS Only

Compliance Monitoring

Activity: UST Inspection

Inspection Conclusion Data Sheet

1) Did you observe deficiencies (areas of concern during the on-site inspection)?

Deficiencies observed: (Put an X for each observed deficiency)

Potential failure to complete or submit a notification, report, certification, or manifest

Potential failure to follow or develop a required management practice or procedure

Potential failure to maintain a record or failure to disclose a document

Potential failure to maintain/inspect/repair meters, sensors, and recording equipment

Potential failure to report regulated events, such as spills, accidents, etc.

2) If you observed deficiencies, did you communicate the deficiencies to the Facility during the inspection? **Yes / No**

3) Did you observe the Facility take any actions during the inspection to address the deficiencies noted? **Yes / No**

If yes, what actions were taken? *contractor was onsite to assist + observe. Relay concerns to Total*

4) Did you provide general Compliance Assistance in accordance with the policy on the role of the EPA Inspector in providing Compliance Assistance during Inspections? **Yes / No**

5) Did you provide site-specific Compliance Assistance in accordance with the policy on the role of the EPA Inspector in providing Compliance Assistance during the inspection? **Yes / No**

This report was reviewed and deemed complete by: Reviewer

Signature

Date

Gaetano La Vigna

Digitally signed by GAETANO LAVIGNA
Date: 2023.08.07 13:57:56 -0400

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Release Prevention Compliance Measures Matrix

Regulatory Subject Area	Measure #	SOC Measure / Federal Citation	In Compliance?		
			N/A	Y	N
I. Spill Prevention	1	Spill prevention device is present and functional. [280.20(c)(1)(i), 280.21(d)] <i>Premium - good</i>			X
II. Overfill Prevention	2	Overfill prevention device is present and operational. [280.20(c)(1)(ii), 280.21(d)]			X
		<input type="checkbox"/> Automatic shutoff is operational (ie., device not tampered with or inoperable) [280.20(c)(1)(ii)(A), 280.21(d)]			
		<input type="checkbox"/> Alarm is operational. [280.20(c)(1)(ii)(B), 280.21(d)] <i>external system was not working</i>			
		<input type="checkbox"/> Alarm is audible or visible to delivery driver. [280.20(c)(1)(ii)(B), 280.21(d)]			
III a. Operation and Maintenance	3	Repaired tanks and piping were tightness tested within 30 days of repair completion (not required w/internal inspections or if monthly monitoring is in use). [280.33(d)]	X		
	4	CP systems were tested/inspected within 6 months of repair of any cathodically protected UST system. [280.33(e)]	X		
III b. Operation and Maintenance of Corrosion Protection	5	Corrosion protection system is properly operated and maintained to provide continuous protection. [280.31(a)(b), 280.70(a)]	X		
		<input type="checkbox"/> UST system (Choose one)			
		<input type="checkbox"/> UST in operation			
		<input type="checkbox"/> UST in temporary closure			
		<input type="checkbox"/> CP System is properly operated and maintained			
		<input type="checkbox"/> CP system is performing adequately based on results of testing. [280.31(b)]; - or -			
		<input type="checkbox"/> CP system tested within required period and operator is conducting or has completed appropriate repair in response to test results reflecting CP system not providing adequate protection.			

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Release Prevention Compliance Measures Matrix

Regulatory Subject Area	Measure #	SOC Measure / Federal Citation	In Compliance?		
			N/A	Y	N
III b. Operation and Maintenance of Corrosion Protection (Continued)	6	UST systems with impressed current cathodic protection are inspected every 60 days. [280.31(c)]		X	
	7	Lined tanks are inspected periodically and lining is in compliance. [280.21(b)(1)(ii)]		X	
IV. Tank and Piping Corrosion Protection	8	Buried metal tank and piping (which includes fittings, connections, etc.) is corrosion protected. [280.20(a), 280.20(b), 280.21(b), 280.21(c)]		X	
		<input type="checkbox"/> Buried metal piping components (such as swing joints, flex-connector, etc.) are isolated from the soil or cathodically protected. For new USTs - tanks and piping installed after 12/22/88 [280.20(a), 280.20(b)]: <input type="checkbox"/> Steel tank or piping is coated with suitable dielectric material and cathodically protected. [280.20(a)(2), 280.20(b)(2)] <input type="checkbox"/> Tank is fiberglass, clad, or jacketed and piping is fiberglass or flexible plastic. [280.20(a)(1), 280.20(a)(3), 280.20(a)(5), 280.20(b)(1), 280.20(b)(4)] <input type="checkbox"/> Records are available to document that CP is not necessary. [280.20(a)(4)(ii), 280.20(b)(3)(ii)] For existing USTs - tanks and piping installed on or before 12/22/88 [280.21(b), 280.21(c)]: <input type="checkbox"/> Tank and piping meet new UST requirements [280.21(a)(1)] <input type="checkbox"/> Steel tank is internally lined. [280.21 (b)] <input type="checkbox"/> Metal tank and piping are cathodically protected. [280.21(b)(2), 280.21(c)]			

Notes: N/A - Indicates that the measure is not applicable.
 Any mark in the "N" (No) column means that the facility is not in Significant Operational Compliance (SOC) with Release Prevention Compliance Measures. In order for a compliance measure to be in SOC, all applicable check-box items must be in compliance.

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Release Detection Compliance Measures Matrix

Instructions - To Determine Compliance Status of Measures #1-7, Work Through the Worksheet "Commonly Used Release Detection Methods" Below.

Regulatory Subject Area	Measure #	SOC Measure / Federal Citation	In Compliance?		
			N/A	Y	N
I. Release Detection Method Presence and Performance Requirements	1	Release detection method is present. [280.40(a)]		X	
	2	Release detection system is operating properly (i.e., able to detect a release from any portion of the system that routinely contains product). [(280.40(a)(1)]		X	
	3	Release detection system meets the performance standards at 280.43 or 280.44. [(280.40(a)(3)]		X	
	4	Implementing agency has been notified of suspected release as required. [(280.40(b)] <input type="checkbox"/> Non-passing results reported and resolved in accordance with implementing agency's directions. [280.40(b)]	X		
II. Release Detection Testing	5	Tanks and piping are monitored monthly for releases and records are available (must have records for the two most recent consecutive months and for 8 months of the last 12 months). [280.41(a), and 280.45(b)]		X	
III. Hazardous Substance UST Systems	6	Hazardous substance UST system leak detection meets the requirements (i.e., either secondarily contained or otherwise approved by the implementing agency). [280.42(b)]	X		
IV. Temporary Closure	7	Release detection requirements are complied with (i.e., method present, operational, releases investigated and reported as required) for UST systems containing product. [280.70(a)]	X		

Worksheet - Commonly Used Release Detection Methods

Tank (Choose one)	Pressurized Pipe (Choose Two)	Non-exempt Suction Pipe (Choose one)	Release Detection Method
<input type="checkbox"/>			<p>A. Inventory Control with Tank Tightness Testing (T.T.T)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Inventory control is conducted properly. <input type="checkbox"/> T.T.T. performed as required (See "D" below). <input type="checkbox"/> Inventory volume measurements for inputs, withdrawals, and remaining amounts are recorded each operating day and reconciled as required. [280.43(a)(1), 280.43(a)(3)] <input type="checkbox"/> Equipment is capable of 1/8-inch measurement. [280.43(a)(2)] <input type="checkbox"/> Product dispensing is metered and recorded within local standards for meter calibration to required accuracy. [280.43(a)(5)] <input type="checkbox"/> Water is monitored at least monthly. [280.43(a)(6)]

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Release Detection Compliance Measures Matrix

Worksheet (Continued) - Commonly Used Release Detection Methods			
Tank (Choose one)	Pressurized Pipe (Choose Two)	Non-exempt Suction Pipe (Choose One)	Release Detection Method
<input checked="" type="checkbox"/>			<p>B. Automatic Tank Gauge (ATG)</p> <ul style="list-style-type: none"> <input type="checkbox"/> ATG is set up properly. [280.40(a)(2)] <input type="checkbox"/> ATG can detect a 0.2 gal/hr leak rate from any portion of the tank routinely containing product. [280.43(d)(1)] <input type="checkbox"/> <p>ATG is checking portion of tank that routinely contains product. [280.40(a)(1)]</p>
<input type="checkbox"/>			<p>C. Manual Tank Gauging (MTG)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Tank size is appropriate for using MTG. [280.43(b)(5)] <p>Method is being conducted correctly. [280.43(b)(4)]</p> <ul style="list-style-type: none"> <input type="checkbox"/> No liquid was added to or taken out of the tank during the test. [280.43(b)(1)] <input type="checkbox"/> <p>Equipment is capable of 1/8-inch measurement. [280.43(b)(3)]</p>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>D. Tightness Testing (Safe Suction piping does not require testing)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Testing method is capable of detecting a 0.1 gal/hr leak rate from any portion of tank routinely containing product. [280.43(c)] <input type="checkbox"/> Tightness testing is conducted within specified time frames for method: <ul style="list-style-type: none"> <input type="checkbox"/> Tanks - every 5 years [280.41(a)(1)] <input type="checkbox"/> Pressurized Piping - annually [280.41(b)(1)(ii)] <input type="checkbox"/> Non-exempt suction piping - every 3 years [280.41(b)(2)] <input type="checkbox"/> Tightness testing is conducted following manufacturer's instructions. [280.40(a)(3)]
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>E. Ground Water or Vapor Monitoring</p> <ul style="list-style-type: none"> <input type="checkbox"/> Ground water in the monitoring well is never more than 20 feet from the ground surface. [280.43(f)(2)] <input type="checkbox"/> <p>Vapor monitoring well is not affected by high ground water. [280.43(e)(3)]</p> <ul style="list-style-type: none"> <input type="checkbox"/> Site assessment has been done for vapor or ground water monitoring. [280.43(e)(6), 280.43(f)(7)] <input type="checkbox"/> <p>Wells are properly designed and positioned. [280.43(e)(6), 280.43(f)(7)]</p>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>F. Interstitial Monitoring</p> <ul style="list-style-type: none"> <input type="checkbox"/> Secondary containment can be used to detect a release [280.43(g)(1), 280.43(g)(2)] <input type="checkbox"/> Sensor properly positioned. [280.40(a)(2)]

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Release Detection Compliance Measures Matrix

Worksheet (Continued) - Commonly Used Release Detection Methods			
Tank (Choose one)	Pressurized Pipe (Choose Two)	Non-exempt Suction Pipe (Choose one)	Release Detection Method
<input type="checkbox"/>	<input checked="" type="checkbox"/>		<p>G. Automatic Line Leak Detector (ALLD)</p> <p><input type="checkbox"/> ALLD is present and operational. [280.44(a)]</p> <p><input type="checkbox"/> Annual function test of the ALLD has been conducted and records are available. [280.44(a)]</p> <p>H. Other Methods [e.g., Statistical Inventory Reconciliation (S.I.R.)]</p> <p><input type="checkbox"/> The method can detect a 0.2 gal/hr leak rate or a release of 150 gal within a month and meet the 95/5 requirement [280.43(h)(1)], or</p> <p><input type="checkbox"/> The implementing agency has approved the method as being as effective as tank tightness testing, automatic tank gauging, vapor monitoring, ground water monitoring, or interstitial monitoring and the operator complies with any conditions imposed by agency. [280.43(h)(2)]</p> <p><input type="checkbox"/> S.I.R. - Results are received within time frame established by implementing agency. [280.41(a) & 280.43(h)]</p>

Notes: N/A - Indicates that the measure is not applicable.

Any mark in the "N" (No) column means that the facility is not in Significant Operational Compliance (SOC) with Release Detection Compliance Measures.

In order for a compliance measure to be in SOC, all applicable check-box items must be in compliance.

6/15/23
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