

# **Regulatory Changes: Chapter 245**

**AST's**



## § 245.1 Definitions

### NEW

- **Aboveground storage tank** – One or a combination of stationary tanks with a capacity in excess of 250 gallons, including the underground pipes and dispensing systems connected thereto within the emergency containment area, which **is used, will be used** or was used to contain an accumulation of regulated substances, and the volume of which, including the volume of piping within the storage tank facility, is greater than 90% above the surface of the ground. The term includes tanks which can be visually inspected from the exterior, in an underground area **and tanks being constructed or installed for regulated use.** The term does not include the following, or pipes connected thereto:

## § 245.1 Definitions

### NEW

- Consumptive use – The term means, with respect to heating oil, that which is stored in an aboveground storage tank of 30,000 gallons or less capacity or that which is stored in an underground storage tank and is consumed on the premises.



## § 245.1 Definitions

### NEW

- Pipeline facilities (including gathering lines) - New and existing pipe rights-of-way and associated equipment, facilities or buildings regulated under the Hazardous Liquid Pipeline Safety Act of 1979 or the Natural Gas Pipeline Act of 1968, codified without substantive change in 1994 by Pub. L. No. 103-272, 108 Stat. 1371 (49 U.S.C.A. §§ 60101-60125) which may include coastal, interstate or intrastate pipelines.



## § 245.1 Definitions

### NEW – Pipeline facilities - Cont'd

- (I) The term includes tanks essential to the operation of the pipeline, such as tanks used to hold substances that operate compressors or pumps directly connected to the pipeline and breakout tanks used solely to relieve pressure surges from the pipeline and then re-inject substances from the pipeline back into the pipeline.

## § 245.1 Definitions

### **NEW** – Pipeline facilities - Cont'd

- (ii) The term does not include tanks which dispense substances to vehicles, railcars, barges or tanker truck transports or tanks at complex facilities which serve as storage tanks or feed stock tanks for the purpose of this chapter.

## § 245.1 Definitions

# *Regulated Substance*

- (I) An element, compound, mixture, solution or substance that, when released into the environment, may present substantial danger to the public health, welfare or the environment which is one of the following: **Cont'd on following slides:**



# *Regulated Substance*

## **(I) Cont'd**

- (A) A substance defined as a hazardous substance in section 101(14) of **CERCLA** (42 U.S.C.A. § 9601), **including hazardous substances that are liquid or gaseous, or suspended therein regardless of holding temperature,** but not including a substance regulated as a hazardous waste under Subtitle C of the Resource Conservation and Recovery Act of 1976 (42 U.S.C.A. §§ 6921-6931).



# *Regulated Substance (I) Cont'd*

- (B) Petroleum, including crude oil or a fraction thereof and Petroleum hydrocarbons which are liquid at standard conditions of temperature and pressure (60° F and 14.7 pounds per square inch absolute), including, but not limited to, oil, petroleum, petroleum mixed with ethanol, fuel oil, oil sludge, oil refuse, oil mixed with other non-hazardous wastes and crude oils and crude oils, gasoline and kerosene.



# *Regulated Substance*

## *(I) Cont'd*

- (C) Other substance determined by the department by regulation whose containment, storage, use or dispensing may present a hazard to the public health and safety or the environment, but not including gaseous substances used exclusively for the administration of medical care. **This includes the following other regulated substances.** *Cont'd to next slide:*

# *Regulated Substance*

## *(I) Cont'd*

- **(C)(I) Nonpetroleum oils including biodiesel; Synthetic fuels and oils, such as silicone fluids; tung oils and wood derivative oils, such as resin/rosin oils; and inedible seed oils from plants, which are liquid at standard conditions of temperature and pressure. The requirements in this chapter for petroleum tanks in clause (B) apply for this group of substances.**



# *Regulated Substance*

## *(I) Cont'd*

- **(C)(II) Pure ethanol intended for Blending with motor fuel. The requirements in this chapter for petroleum tanks in clause (B) apply.**



# Subchapter F

## Technical standards for aboveground storage tanks and facilities

- Aboveground storage tanks with capacities greater than 21,000 gallons



## § 245.503 – Variances

- When unique or peculiar circumstances make compliance with this subchapter technically impractical, infeasible or unsafe...
- (3) New technologies may be granted a variance. New technologies shall be reviewed and documented by a professional engineer and documentation provided to the Department with the variance request.

## § 245.504. Referenced Organizations. Two Organizations changed their names:

- (7) National Association of Corrosion Engineers (NACE)
- (7) **NACE International – The Corrosion Society** (NACE)
- (10) Steel Structures Painting Council (SSPC)
- (10) **SSPC The Society for Protective Coatings** (SSPC)

## 245.504 Referenced Organizations (b) ...Last sentence

- Other Nationally recognized codes and standards, not referenced in this part, may also be used to comply with this subchapter, when *appropriate*.
- Other Nationally recognized codes and standards, not referenced in this part, may also be used to comply with this subchapter, when **approved by the Department.**



## § 245.504 Referenced Organizations (c) New verbiage added:

- When Nationally recognized codes and standards or manufacturer's specifications are updated, facilities or storage tank systems installed to previously existing standards prior to the update, will not automatically be required to meet the new standard, unless specifically required in the revised standards or by the Department.

## § 245.504 Referenced Organizations (d) Entirely new wording

- (d) Regulatory requirements shall prevail over Nationally recognized codes and standards whenever there is a conflict.



## ***New Sub-Section*** **§ 245.505. Applicability**

- Existing tanks that BECOME regulated due to the addition of new regulated substances as defined in § 245.1((relating to definitions) (See definition of “regulated substance” (I) (c) (I) AND (II)), and the regulation of aboveground tanks greater than 30,000 gallons capacity, storing heating oil that is consumed on the premises (See definition of “consumptive use” in § 245.1) are subject to the requirements of this CHAPTER and shall be registered with the Department by **January 9, 2008**. In addition, these tanks are temporarily excluded from the following requirements:

## ***New Sub-Section (continued)*** **§ 245.505. Applicability**

- **(1) Monitoring requirements in § 245.541(c) (relating to overfill prevention requirements) until *November 10, 2010.***
- **(2) In-service inspection requirements in § 245.552 (relating to In-service inspections) until within 5 years of the construction date or the date of the last inspection or by *November 10, 2010.***

## ***New Sub-Section (continued)***

### **§ 245.505. Applicability**

- **(3) Out-of-service inspection requirements in § 245.553 (relating to out-of-service inspections) until *November 10, 2010* for tanks not previously inspected or 10 years after construction for tanks without known corrosion rates whichever is greater, or within projected inspection intervals based on corrosion rates determined at the last out-of-service inspection, but not to exceed 20 years from the date of last inspection.**

## § 245.514. Security added word to second sentence

- These security measures and procedures may include, but are not limited to monitoring, fencing, lighting, access control, locked entrances and securing of valves and dispensers.



## § 245.522 New aboveground tank installations and reconstructions – New

- (f) The Department may require the tank owner to submit documentation of construction design criteria and engineering specifications for review.



## **§ 245.523 –Aboveground storage tanks in underground vaults - New**

- **(11) Underground piping distribution systems for each tank system used to dispense class I or class II motor fuels for resale must be provided with release detection equivalent to underground piping release detection addressed at § 245.445 (relating to methods of release detection for piping) and monitored as required in paragraph (7) with monitoring records retained for 12 months as required under § 245.615 (relating to recordkeeping requirements).**



## § 245.524 – Aboveground tank modifications - **Added Information**

- (a) Modifications shall be designed and implemented in accordance with current codes of practice developed by Nationally recognized associations such as API, ACI, ASME, ASTM, **NACE**, **STI** or UL.

## § 245.524 – Aboveground tank modifications – New

- (d) The Department may require the tank owner to submit documentation of construction modification design criteria and engineering specifications for review.



## § 245.534 Interior linings and coatings New Paragraph

- (c) Interior Linings or coatings shall be inspected by a third-party, Department certified, aboveground storage tank inspector at installation, when undergoing a major modification, and at least every 10 years or as warranted or recommended by the manufacturer or design engineer.



## § 245.541 Overfill prevention requirements

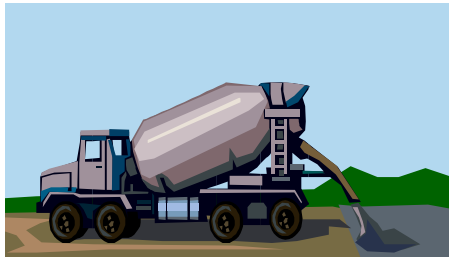
- (a) An owner/operator shall insure....
- (b) Tanks must be installed with the following:
  - (b) (2) A high level alarm with an automatic high-level cut-off device or a high-level alarm with a manned operator shutdown procedure in operation.
- (d) An existing tank system which is taken out of service to perform a scheduled out-of-service inspection or a major modification to the tank shall be upgraded with a high-level alarm with a cut-off device or a high-level alarm with a manned operator shutdown procedure prior to being put back in service.

## § 245.541 Overfill prevention requirements New Paragraph

- (e) An existing tank system which has not been required to be taken out of service to perform a scheduled inspection or modification must have overfill protection consistent with National industry standards, such as API 2350, NFPA 30 OR PEI RP200 BY **NOVEMBER 10, 2010.**

## § 245.542 Containment requirements for aboveground storage tank systems

- (c) Secondary containment under the tank bottom and around underground piping **must** be designed... Secondary containment shall be provided on a new tank at installation... **(see API 650 Appendix I)**. Permeability of the secondary containment **must** be less than  **$1 \times 10^{-7}$**  cm/sec at anticipated hydrostatic head and shall be verified at the time of installation.



## § 245.542 Containment requirements (d) – New – closes loophole

- Aboveground tanks **must** have emergency containment structures, such as dike fields, curbing and containment collection systems, which contain releases from overfills, leaks and spills, when a new tank system is installed or at the next out-of-service inspection for existing tank systems as established in § 245.553(d) (relating to out-of-service inspections) **or by November 10, 2010, whichever occurs first.**

## § 245.542 Containment requirements (d)(1) – **New wording**

- (1) Permeability of newly installed or replacement emergency containment structures must be less than  $1 \times 10^{-6}$  cm/sec at anticipated hydrostatic head and be of sufficient thickness to prevent the released substance from penetrating the containment structure for a minimum of 72 hours, and until the release can be detected and recovered.



## § 245.542 Containment requirements (d)(2) – **New wording**

- (d)(2) Emergency containment structures for existing aboveground storage tanks shall meet one of the following standards **by November 10, 2010** or at the next out-of-service inspection, prior to the tank being placed back into service, **whichever occurs first**.

## **§ 245.542 Containment requirements (d)(2)(ii) NEW - Additional Information**

- (ii) 2<sup>nd</sup> paragraph:

**Verification may be conducted in a manner consistent with the Department's technical document entitled "Verification of Emergency Containment structures for Aboveground Storage Tanks" or in a manner at least as protective of public health and safety and the environment and which meets all statutory and regulatory requirements.**

## **§ 245.542 Containment requirements (d)(2)(ii) – NEW - Add'l Info. – Cont'd**

- **Verification of earthen structures should include determination of the containment structure's permeability following Nationally recognized testing methods such as ASTM methods and engineering standards listed in API Publication 351.**

## **§ 245.542 Containment requirements (d)(3) – NEW Paragraph**

- **Verification of the containment structure is valid until conditions at the site, monitoring program, response plan or procedures change.**

## § 245.543. Leak detection requirements

- (a) Aboveground tank systems shall **be provided a method of leak detection at installation that is** capable of detecting a release. The leak detection method shall...

## § 245.543. Leak detection requirements – cont'd

- (c) Existing aboveground storage tanks without secondary containment under the bottom of the tank that are in contact with the soil, such as vertical flat bottom tanks, and do not have cathodic protection or an internal lining shall be **leak tested** at the next scheduled **in-service** inspection **consistent with subsection (d)** and continue **to be leak tested** at each **in-service** inspection thereafter, until the tank is upgraded.

## **§ 245.543 Leak detection requirements New Paragraph**

- **(d) Tank leak test shall follow a Nationally recognized procedure that is based on a Volumetric/mass measurement, an acoustic measurement, or a soil-vapor monitoring method such as those addressed in API Publication 334 “Guide to Leak Detection in Aboveground Storage Tanks.”**

## **§ 245.543 Leak detection requirements (d) New Paragraph (Cont'd)**

- **The test shall be performed by a third-party inspector or a technician who has experience with the selected method and is qualified by the test equipment manufacturer or certified by the relevant industry association such as ASNT (see Recommended Practice NO. SNT-TC-1A) and is not an employee of the tank owner.**



## § 245.552 In-service Inspections Additional wording

- (a) The in-service inspection shall follow the guidelines of a Nationally recognized association such as API 653, API 570 and applicable engineering criteria (see § 245.524(b), § 245.542(d)(2) and § 245.543(d)).
- (b) The in-service inspection shall evaluate the following:
  - (1) – (8)
  - (9) Tank system integrity and suitability for service.

## § 245.552 In-service inspections (c) – NEW

- (3) The next inspection schedule based on the API 653 calculated service life method or  $\frac{1}{4}$  of the corrosion rate life with a maximum of 5 years between inspections. Other site specific conditions, for example, maintenance practices, previous repairs, the nature of the substance stored or soil conditions that may affect corrosion rate life or tank system integrity and should be considered when projecting tank service life and the next inspection interval.

## **§ 245.552 In-service inspections**

### **(d)(5) New – applies to TOS tanks**

- An in-service inspection interval may be delayed under § 245.562 (relating to Temporary Removal-from-Service) for a tank that is temporarily removed from service. The delayed inspection must be conducted prior to placing regulated substance in a tank and returning the tank to operating status. Deficiencies noted during inspection shall be addressed and remedied and an amended registration form submitted to the Department prior to returning the tank to operating status.

## **§ 245.552 In-service inspections (e) NEW – adds clarification**

- **Inspection recommendations shall be addressed and deficiencies remedied. When substantial modifications are necessary to correct deficiencies, they shall be made in accordance with manufacturer's specifications and engineering design criteria (see § 245.522(a) and (b), § 245.524(b)(2), § 245.532(b) and (c) and § 245.534(c). The Department may require submission and review of all documentation relating to these remedies. Required tank handling activities are reported to the Department by the certified installer. Tank handling activities involving major modifications shall also be inspected by a certified aboveground storage tank inspector and reported to the Department.**

## § 245.553 Out-of-service inspections additional wording

- (a) Inspections shall follow the guidelines of a Nationally recognized association such as API 653, API 570 or ASME and applicable engineering criteria (see § 245.524(b), § 245.534(c), § 245.542(d)(2) and § 245.543(d)).
- (b) The out-of-service inspection shall evaluate the following:
  - (1) – (10)
  - (11) Tank system Integrity and suitability for service.

## § 245.553 Out-of-service inspections additional wording (Cont'd)

- (c) The tank bottom evaluation of metallic floors shall be based on ultrasonic testing and visual examination and must include at least one other method of nondestructive examination such as magnetic flux tests or vacuum tests of bottom lap welds (see API 653 and ASTM Metallography-Nondestructive Testing Vol. 03.03). The Ultrasonic evaluation must be statistically representative of the whole floor, excluding the release prevention barrier or secondary containment on double bottom tanks.

## § 245.553 Out-of-service inspections additional wording (Cont'd)

- (d)(3) The schedule for next out-of-service inspection, based on the API 653 calculated service life method or  $\frac{1}{2}$  of the corrosion rate life, with a maximum of 20 years between inspections. Other site specific conditions, for example, maintenance practices, previous repairs, internal linings, the nature of the substance stored or soil conditions that may affect corrosion rate life and should be considered when projecting tank service life and the next inspection interval.

## § 245.553 Out-of-service inspections additional wording (Cont'd)

- § 245.553(e)(2)(ii) If corrosion rates can be determined or are known tanks shall be inspected at their API 653 calculated service life method or  $\frac{1}{2}$  of the corrosion rate life, from installation or previous out-of-service inspection or by October 11, 2000, whichever is later.
- § 245.553(e)(3) Tanks shall have an out-of-service inspection at their API 653 calculated service life method or  $\frac{1}{2}$  of the corrosion rate life, with a maximum of 20 years from the last out-of-service inspection.



## § 245.553 Out-of-service inspections NEW

- (e)(4) An out-of-service inspection interval may be delayed under § 245.562 (relating to temporary removal-from-service) for a tank that is temporarily removed from service. The delayed inspection must be conducted prior to placing regulated substance in a tank and returning the tank to operating status. Deficiencies noted during inspections shall be addressed and remedied and an amended registration form submitted to the Department prior to returning the tank to operating status.

## § 245.553 Out-of-service inspections NEW (cont'd)

- **(f)** Deficiencies shall be remedied before the tank is returned to service. When substantial modifications are necessary to correct deficiencies, they shall be made in accordance with the manufacturer's specifications or an engineer's design criteria (see § 245.522(a) and (b), § 245.524(b)(2) and § 245.524(b) and (c). The Department may require submission and review of all documentation relating to these remedies.

## **§ 245.553 Out-of-service inspections NEW ((f) cont'd)**

- **Required tank handling activities are reported to the Department by the certified installer. Tank handling activities involving major modifications shall also be inspected by a certified aboveground storage tank inspector and reported to the Department.**

## § 245.554 Installation and Modification inspections (b) - NEW

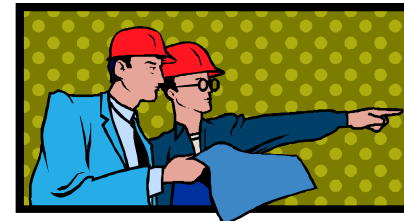
- **(b) Major modifications shall be inspected... When substantial modifications are made to the tank floor, the next inspection date projections shall be determined based on the condition of the tank subsequent to those modifications and reported to the department by the certified inspector on the appropriate inspection form provided by the Department. Other site specific conditions, for example, maintenance practices, previous repairs, the nature of the substance stored or soil conditions that may affect corrosion rate life or tank system integrity should be considered when projecting tank service life and next inspection interval.**

## **§ 245.132 Standards of Performance (NEW information on installation and modification inspections)**

- **(a)(6)(iii) Installation or modification inspection activities were conducted on a large or field constructed aboveground storage tank and the certified inspector was involved prior to the initiation of the project and was present at critical times, so that the inspector can reliably determine that the following requirements were met:**

## § 245.132 Standards of Performance (NEW information on installation and modification inspections)-cont'd

- A) Industry standards and project specifications were followed throughout the ( tank handling activity,
- (B) Appropriate testing and non-destructive examinations were properly conducted,
- (C) The tank is suitable for operational service.



# CLOSURE AND REMOVAL FROM SERVICE REQUIREMENTS



## § 245.561 Permanent closure or change-in-service – **Additional info**

- (3) The owner/operator shall complete a site assessment to measure for the presence of any release from the storage tank system and a closure report. The assessment of the site shall be made after the notification to the Department and may be conducted in a manner consistent with the Department's technical document entitled "Closure Requirements for Aboveground Storage Tank Systems" or in a manner at least as protective of public health and safety and the environment and which meets all statutory and regulatory requirements. The results of the site assessment and closure report shall be retained for 3 years.



## § 245.561 Permanent closure or change-in-service – **Additional info**

- (6) Tank systems shall be cleaned, rendered free of hazardous vapors and ventilated if left onsite or tank systems shall be emptied and removed from the site in a manner consistent with current industry practices and bureau of waste management requirements such as chapters **263a** and 299 (relating to **transportation of hazardous waste**; and storage and transportation of residual waste).

## § 245.561 Permanent closure or change-in-service – **Additional info (Cont'd)**

- (8) The appropriate state agency, county and local jurisdiction shall be notified if the tank is under a fire marshal, flammable and combustible liquids or other State agency, county or local jurisdiction permit.

## § 245.562 Temporary removal-from-service - NEW

- (c) A tank shall be secured against unauthorized entry and all piping entering or exiting the tank, excluding vents, shall be capped or blinded.

## § 245.562 Temporary removal-from-service - NEW

- (e) Inspection requirements shall be maintained ...In-service and out-of-service inspection intervals may be delayed for a tank that is temporarily removed from service. The delayed inspections must be conducted prior to placing regulated substance in a tank and returning the tank to operating status. Deficiencies noted during inspection shall be addressed and remedied and an amended registration form submitted to the department prior to returning the tank to operating status.

## § 245.562 Temporary removal-from-service - NEW

- (f) Tanks which are temporarily removed-from-service for 5 years or longer shall meet the requirements for permanent closure, unless the time frame for retaining the tank or tanks in temporary removal-from-service status is extended under § 245.503 (relating to variances).

## Subchapter G. Simplified program for small aboveground storage tanks

- Aboveground storage tanks with a capacity of 21,000 gallons or less



## § 245.604 Referenced organizations New information

- (c) When Nationally recognized codes and standards are updated, facilities or storage tank systems installed to previously existing standards prior to the update will not automatically be required to be upgraded to meet the new standard, unless specifically required in the revised standards or by the Department.
- (d) Regulatory requirements shall prevail over Nationally recognized codes and standards whenever there is a conflict.

## § 245.605 Applicability **NEW**

- § 245.605 Existing tanks that become regulated due to the addition of new regulated substances as defined in § 245.1 ((relating to definitions) (see “regulated substance” (I)(c)(I) and (II)) are subject to the requirements of this chapter and shall be registered with the Department by **January 9, 2008**. In addition, these tanks are temporarily excluded from the following technical requirements:



## § 245.605 Applicability

**NEW** – Technical requirements delayed

- (1) Emergency and secondary containment requirements in § 245.612(e) (relating to performance and design standards.) until **November 10, 2010.**
- (2) A method of leak detection as required in § 245.613(a) (relating to monitoring standards) until **November 10, 2008.**
- (3) In-service inspections required in § 245.616(c)(3) (relating to inspection requirements) until **November 10, 2010.**

# Technical Requirements

- § 245.611(a) Tanks shall be tested for tightness **at installation** in accordance with current codes of practice developed by Nationally recognized associations and manufacturer's specifications, except for manufactured, shop built tanks that meet the requirements of subsection (b). The testing shall be completed as part of the installation process, prior to putting the tank in service.

# Technical Requirements

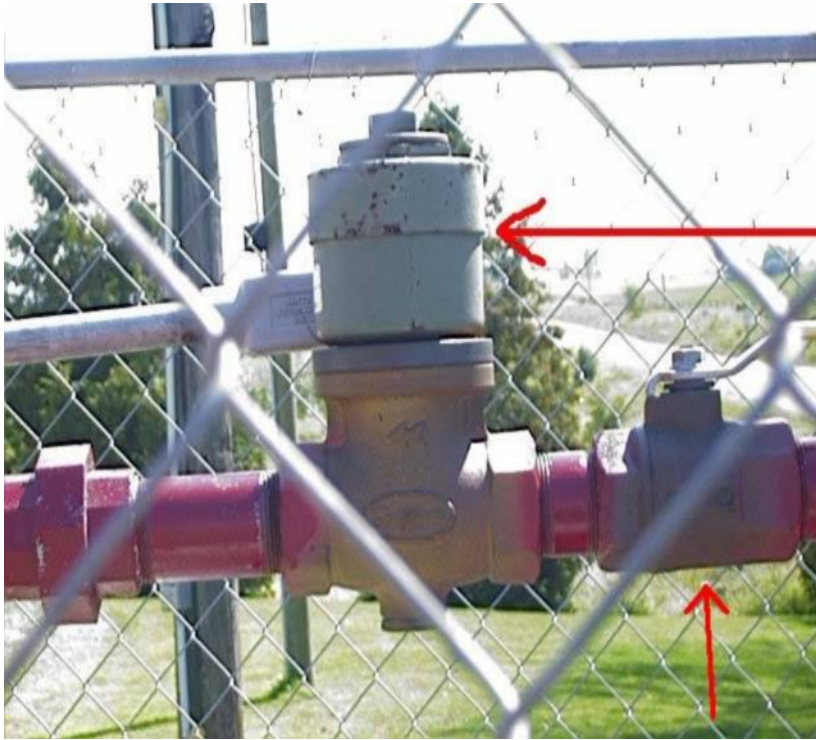
## § 245.612 Performance and design standards

- (a) Tanks shall be designed, constructed and installed or modified in accordance with current codes of practice developed by Nationally recognized associations such as API, ASME, ASTM, ANSI, STI and UL and the manufacturer's specifications. **Tank handling activities shall be accomplished by a Department certified aboveground storage tank installer or under the installer's direct, onsite supervision and control.**

## § 245.612 Performance and design standards

### NEW

- (d) Tanks shall be installed...Double walled tanks may meet both emergency and secondary containment requirements when the tank system is operated with spill and overflow prevention protection controls including the following:
  - (1) A spill containment bucket at the tank fill point or containment at the remote fill point.
  - (2) An overflow alarm or prevention device or monitoring gauge and shut down procedure
  - (3) Block valves on product lines.
  - (4) Solenoid valve or anti-siphon device, if appropriate (see PEI RP 200).



## § 245.614 Requirements for closure

### NEW

- (a) Tank systems shall be cleaned, rendered free of hazardous vapors and ventilated if left onsite or shall be emptied and removed from the site in a manner consistent with current industry practices and bureau of waste management requirements such as chapters 263a and 299 (relating to transporters of hazardous waste; and storage and transportation of residual waste). Piping shall be removed or capped and fill ports shall be secured, capped or dismantled.

## § 245.614 Requirements for closure **NEW**

- (d)(1) Temporary removal from service may not exceed 5 years, unless the owner can demonstrate an operational need to retain the tank in temporary removal-from-service beyond 5 years and the Department agrees to extend this time frame.

## § 245.614 Requirements for closure **NEW (Cont'd)**

- (d)(3) Inspection of tanks temporarily removed from service shall be performed in accordance with § 245.616 (relating to inspection requirements). In-service inspection interval may be delayed for a tank that is temporarily removed-from-service. The delayed inspection must be conducted prior to placing regulated substance in a tank and returning the tank to operating status. Deficiencies noted during inspection shall be addressed and remedied and an amended registration form submitted to the Department prior to returning a tank to operating status.



## § 245.616 Inspection requirements

- (a) Required inspections of small aboveground storage tanks shall be conducted by Department certified aboveground storage tank inspectors according to a current Nationally recognized association's code of practice such as API, STI or ASME or according to manufacturer's specifications, and applicable engineering criteria (see § 245.612, relating to performance and design standards). Deficiencies noted during the inspection shall be addressed and remedied. When substantial modifications are necessary to correct deficiencies, they shall be made in accordance with manufacturer's specifications and applicable engineering design criteria.

## § 245.616 Inspection requirements Cont'd

- § 245.616(a) cont'd The Department may require submission and review of documentation relating to these remedies. The associated tank handling activities are reported to the Department by a certified installer
- (b) Small aboveground field constructed storage tanks shall be inspected at installation, reconstruction or relocation and when a major modification activity is performed on the tank shell or the tank bottom plates.

## § 245.616 Inspection requirements NEW

- (c) The owner/operator of small aboveground storage tanks storing regulated substances with a capacity greater than 5,000 gallons and owner/operator of small aboveground storage tanks storing highly hazardous substances with a capacity greater than 1,100 gallons shall have in-service inspections conducted every ten years or more often when corrosion deterioration or other specific conditions necessitate. Other specific conditions may include maintenance practices, previous repairs, the nature of the substance stored and coatings or linings that should be considered when protecting tank service life and the next inspection interval. **Cont'd to next slide**

## § 245.616 Inspection requirements NEW – (c) (Cont'd)

- Internally lined tanks and flat bottom tanks without an interstice or external access to the tank bottom may require further evaluation or internal examination. Inspections shall be phased in without a previous inspection as follows:
- (4) When an inspection is delayed under § 245.614(d)(3) (relating to requirements for closure) for a tank in temporary removal-from-service status, the inspection must be completed and deficiencies remedied prior to returning the tank to operational service

## § 245.616 Inspection requirements (d) - New

- (d) In-service inspections shall evaluate the following:
- (1-8)...(9) Tank system integrity and suitability for service.

# That's all folks!!!

