

**BEFORE THE CORPORATION COMMISSION OF OKLAHOMA**

IN THE MATTER OF AN EMERGENCY )  
RULEMAKING OF THE )  
OKLAHOMA CORPORATION )  
COMMISSION AMENDING )  
OAC 165:25, UNDERGROUND STORAGE )  
TANKS )

CAUSE RM NO. 201600006

**AMENDED PROPOSED EMERGENCY RULES**  
**July 25, 2016**

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## SUBCHAPTER 1. GENERAL PROVISIONS

### PART 3. DEFINITIONS

#### 165:25-1-11. Definitions

In addition to the terms defined in 17 O.S. § 303, the following words or terms, when used in this Chapter, shall have the following meaning unless the context clearly indicates otherwise:

**"Agent"** means a person authorized by another to act on their behalf, either out of employment or contract.

**"Airport"** means landing facility for aircraft that are routinely available for public use (whether routinely used or not). Airports as used in this Chapter do not include private airstrips or private airports.

**"Airport hydrant system"** means an underground storage tank system which fuels aircraft and operates under high pressure with large diameter piping that typically terminates into one (1) or more hydrants (fill stands). The airport hydrant system begins where fuel enters one or more tanks from an external source, such as a pipeline, barge, rail car, or other motor fuel carrier.

**"ATG"** means automatic tank gauge.

**"Ball float functionality"** means the ball float is operational as designed.

**"BTEX"** means benzene, toluene, ethylbenzene and xylene.

**"Bulk plant"** means a petroleum storage tank facility where gasoline, aviation fuel, diesel and/or volatile blending materials used in motor fuels, like kerosene and ethanol, are received by tank vessels, tank cars or tank vehicles and are stored or blended in mass quantities or bulk for the purpose of distribution by a tank vessel, tank car, tank vehicle, portable tank or other container, for wholesale or retail sale.

**"Cathodic protection"** means a technique designed to prevent the corrosion of a metal surface by making that surface the cathode of an electrochemical cell.

**"Commission"** means the Oklahoma Corporation Commission (OCC) and includes its designated agents or representatives.

**"Construction tank"** means a fuel tank used for twelve months or less at a construction site.

**"Division"** means the Petroleum Storage Tank Division (PSTD) of the Corporation Commission.

**"EPA"** means the United States Environmental Protection Agency.

**"Farm tank"** is a tank located on a tract of land devoted to the production of crops or raising animals, including fish, and associated residences and improvements. A farm tank must be located on the farm property. "Farm" includes but is not limited to fish hatcheries, rangeland, and nurseries with growing operations.

**"Field constructed tank"** means a tank constructed in the field such as a tank constructed of concrete that is poured in the field, or a steel or fiberglass tank primarily fabricated in the field.

**"Financial responsibility"** shall have the same meaning in this Chapter as in 40 CFR 280 Subpart H.

**"Financial security"** means holding financial security in a tank system or facility site and is not considered ownership of a tank system unless certain criteria of 40 CFR 280 Subpart H is met.

**"Fleet and Commercial"** means any facility as defined in this Chapter that uses underground storage tanks to store regulated substances for use in its own vehicles or equipment.

**"Flow-through process tank"** means a tank that forms an integral part of a production process through which there is a steady, variable, recurring or intermittent flow of material during the operation of the process. Flow-through process tanks do not include tanks used for the storage of materials prior to their introduction to the process or for the storage of finished products or by-products from the production process.

**"Lender liability"** shall have the same meaning in this Chapter as in 40 CFR 280 Subpart I.

**"Licensed Environmental Consultant"** means an individual who has a current license issued by PSTD to perform corrective action.

**"Marina"** means any fuel storage tank system located on or by the water for the purpose of fueling watercraft.

**"Out of Order tag"** means tag, device or mechanism on the tank fill pipe that clearly identifies an underground storage tank as ineligible for delivery of product.

**"Permanent out of use" or "POU"** means a petroleum storage tank system that is not in service/use, does not contain regulated substances, and is not intended to be placed back in service/use.

**"Private airport"** means an airport used only by its owner and regulated as a fleet and commercial facility.

**"Private airstrip"** means a personal residential takeoff and landing facility part of the airstrip owner's residential property.

**"PST"** means petroleum storage tank.

**"PSTD"** means Petroleum Storage Tank Division.

**"Public Utility"** means any entity providing gas, electricity, water, or telecommunications services for public use.

**"Regulated substance"** means antifreeze, motor oil, motor fuel, gasoline, kerosene, diesel or aviation fuel. It does not include compressed natural gas, liquid natural gas and propane.

**"Release detection"** means determining whether a release of regulated substances has occurred from a petroleum storage tank or system into the environment or into the interstitial area between the underground storage tank system and its secondary barrier.

**"Residential tank"** is a tank located on property used primarily for dwelling purposes.

**"Retail facility"** means a service station, convenience store or any other facility selling motor fuel that is open to the general public.

**"Secondary containment"** means an underground storage tank and/or piping with inner and outer barriers which provide a space for interstitial (the space between the inner and outer walls of a double walled tank or piping) monitoring.

**"Tampering"** means willful intention which makes an attempt to deceive, cheat or misrepresent the facts to the public. It also presents a risk to environmental welfare as well as public health, safety and welfare.

**"Tank tightness testing" or "precision testing"** means a procedure for testing an underground storage tank system's integrity.

**"Temporary out of use" or "TOU"** means the status of an underground storage tank system that has been taken out of service/use but not removed with the intent to return to service.

**"TPH"** means total petroleum hydrocarbons.

~~**"Underground storage tank" or "UST" or "tank"** means a regulated storage tank, including underground piping, that has ten percent or more of its volume beneath the surface of the ground. Piping is also included in this definition when referring to an airport hydrant system tank.~~

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"Underground storage tank system" means an underground storage tank and any connected aboveground or underground piping, dispensers, containment sump, if any, and ancillary equipment or transport truck connected to the storage tank system.

"Used Motor Oil" is any spent oil removed from a motor vehicle.

### SUBCHAPTER 3. RELEASE PREVENTION AND DETECTION REQUIREMENTS

#### PART 2. RELEASE DETECTION REQUIREMENTS AND METHODS

##### 165:25-3-6.28. Statistical Inventory Reconciliation (SIR)

(a) Deliveries, withdrawals and balance remaining must be recorded each operating day on the PSTD Monthly Inventory Reconciliation Form or an electronic equivalent and data must be reconciled monthly every thirty (30) days.

(b) SIR records must demonstrate the following:

(1) Report a quantitative result with a calculated leak rate;

(2) Be capable of detecting a leak rate of 0.2 gallon per hour or a release of one hundred fifty (150) gallons within thirty (30) days, with a probability of detection of 0.95 and a probability of false alarm of 0.05; and

(3) Use a threshold that does not exceed one-half (1/2) the minimum detectible leak rate.

~~(b)(c)~~ (c) The tank must be equipped with a drop tube and measured for water at least monthly every thirty (30) days.

~~(e)(d)~~ (d) The equipment used is capable of measuring the level of product over the full range of the tank's height to the nearest one-eighth inch (1/8").

~~(d)(e)~~ (e) The regulated substance inputs are reconciled with delivery receipts by measurement of the tank inventory volume before and after delivery.

~~(e)(f)~~ (f) Records must be submitted to a certified SIR vendor for monthly evaluation. Only third party certifications that have been reviewed and approved by the National Work Group on Leak Detection Evaluations (NWGLDE), found at the NWGLDE Web Site, will be accepted (nwglde.org).

~~(f)(g)~~ (g) SIR analysis reports ~~may~~ must include a summary report of the quantitative results and ~~must include~~ copies of all Monthly Inventory Reconciliation Forms.

~~(g)(h)~~ (h) Results of monthly SIR analysis must be on premises ~~no later than the end of the following month~~ for inspector review every 30 days.

~~(h)(i)~~ (i) This method is approved as release detection for tanks only.