

TITLE 33
ENVIRONMENTAL QUALITY
Part III. Air

Chapter 21. Control of Emission of Organic Compounds

Subchapter F. Gasoline Handling

§2131. Filling of Gasoline Storage Vessels

A. Applicability. This regulation is applicable to each gasoline handling facility in the parishes of Bossier, Caddo, Beauregard, Calcasieu, Livingston, Pointe Coupee, East Baton Rouge, West Baton Rouge, Iberville, Lafayette, St. Mary, Ascension, St. James, St. John the Baptist, St. Charles, Lafourche, Jefferson, Orleans, St. Bernard, and Grant. Any parish to which this regulation does not apply remains subject to the requirements of 40 CFR 63, Subpart CCCCCC.

BA. Control Requirements. No person shall cause or allow the transfer of gasoline from any delivery vessel into any stationary storage container unless such container is equipped with a submerged fill pipe and unless the displaced vapor emissions from submerged filling of the container are processed by a vapor recovery system ~~which~~that reduces such emissions by at least 90 percent.

CB. Approved Vapor Balance System. When a vapor balance system is used to comply with the above vapor recovery system control requirements, the balance system will be assumed to meet the specified control requirements if the following conditions are met.

1. A vapor-tight return line having an internal cross-sectional area at least one-half that of the liquid line is connected before gasoline ~~is~~can be transferred into the storage container. No gasoline leaks exist anywhere in the liquid transfer system. Inspection for visible liquid leaks, visible fumes, or odors resulting from gasoline dispensing operations shall be

conducted by the owner or the operator of the gasoline outlet and the owner or the operator of the tank truck. Gasoline loading or unloading through the affected transfer lines shall be discontinued immediately when a leak is observed and shall not be resumed until the observed leak is repaired.

2. The only atmospheric emission during gasoline transfer into the storage container is through the storage container pressure-vacuum valve.

3. The delivery vessel is kept vapor-tight at all times with vapor recovery equipment. The delivery vessel must be in compliance with LAC 33:III.2137. The vapor-laden delivery vessel may only be refilled at bulk gasoline plants complying with LAC 33:III.2133 or bulk gasoline terminals complying with LAC 33:III.2135.

DC. Alternate Vapor Balance Systems. Other vapor balance arrangements may be accepted if proof of the emission level required in Subsection B of this Section~~LAC 33:III.2131.A~~ is provided to the administrative authority. Approval of any alternate vapor balance system shall not be valid unless it is received from the administrative authority in writing.

ED. Exemptions. The following are exempt from the requirements of Subsection B of this Section~~LAC 33:III.2131.A~~:

~~1. affected facilities in attainment or unclassified areas (all parishes except Bossier, Caddo, Beauregard, Calcasieu, Livingston, Pointe Coupee, East Baton Rouge, West Baton Rouge, Iberville, Lafayette, St. Mary, Ascension, St. James, St. John the Baptist, St. Charles, Lafourche, Jefferson, Orleans, St. Bernard and Grant);~~

12. transfers made to storage tanks with a capacity greater than 40,000 gallons (151,400 liters) and equipped with controls as required by LAC 33:III.2103 of these regulations;

23. any gasoline outlet in the parishes of Ascension, Calcasieu, East Baton Rouge, Iberville, Livingston, Pointe Coupee ~~or~~ West Baton Rouge whose throughput is less than 120,000 gallons (454,200 liters) per year, or any gasoline outlet in the parishes of Beauregard, Bossier, Caddo, Grant, Jefferson, Lafayette, Lafourche, Orleans, St. Bernard, St. Charles, St. James, St. John the Baptist, ~~or~~ St. Mary whose throughput is less than 500,000 gallons (1,892,700 liters) per year. Once the rolling 30-day average throughput exceeds 10,000 gallons for a facility in the parishes of Ascension, Calcasieu, East Baton Rouge, Iberville, Livingston, Pointe Coupee, ~~or~~ West Baton Rouge, or 42,000 gallons for a facility in the parishes of Beauregard, Bossier, Caddo, Grant, Jefferson, Lafayette, Lafourche, Orleans, St. Bernard, St. Charles, St. James, St. John the Baptist, ~~or~~ St. Mary, that facility becomes an affected facility, and does not revert to an exempted facility when the throughput drops back below the throughput exemption level;

34. tanks with a capacity of 2,000 gallons or less installed before January 1, 1979, and new tanks with a capacity of 250 gallons or less installed after December 31, 1978; and

45. tanks having a capacity of less than 550 gallons used exclusively for the fueling of farm implements and having a submerged fill line.

FE. Compliance. Compliance with this Section shall be determined by applying the following test methods, as appropriate:

1. Test Method 27 (40 CFR Part 60, Appendix A, as incorporated by reference at LAC 33:III.3003) for determination of vapor tightness of gasoline delivery tanks using pressure-vacuum test;

2. Guideline report EPA-450/2-78-051, Appendix B, Gasoline Vapor Leak

Detection Procedure by Combustible Gas Detector;

3. Test Method 21 (40 CFR Part 60, Appendix A, as incorporated by reference at LAC 33:III.3003) for determination of volatile organic compound leaks.

GF. Recordkeeping. The owner or operator of any operation that is involved with storing gasoline in any stationary container and required to comply with this Section~~LAC 33:III.2131~~ shall maintain records to verify compliance with this Section. The records ~~shall~~will be maintained for at least two years and ~~shall~~will include, but not be limited to, the following:

1. the date of delivery of each shipment of gasoline, and the certificate number and date of certification of each delivery vehicle that delivers a shipment~~. Any owner or operator subject to this Section shall not accept delivery of gasoline from any gasoline tank truck that does not comply with LAC 33:III.2137.A.2;~~

a. ~~regulation LAC 33:III.2137.A.2 requires a sticker to be displayed on the gasoline tank truck with the identification number of the tank and the date it was tested;~~

b. ~~the owner or operator of any operation involved with storing gasoline in any stationary container and required to comply with LAC 33:III.2131 shall not accept delivery of gasoline from any gasoline tank truck that does not have a sticker indicating that it has been inspected in the last year;~~

e. ~~the sticker should be located near the Department of Transportation certification plate;~~

[NOTE: All gasoline tank trucks must have a sticker displayed on each tank indicating the identification number of the tank and the date each tank last passed the pressure and vacuum test described in LAC 33:III.2137.A.1. Each tank must be certified annually and the sticker must

be displayed near the Department of Transportation certification plate.
Any repairs necessary to pass the specified requirements must be made
within 15 days of failure.]

2. the dates and a descriptions of any malfunction, repair, replacement or modification of control systems or control equipment required to be used in the transfer of gasoline from the gasoline tank truck to a stationary storage tank. If the problem is with equipment on the tank truck, ~~the name of information on~~ the owner or operator of the tank truck, the truck identification number, the date the problem occurred, and the driver's name shall be recorded as part of the descriptions ~~of any malfunction, repair, replacement or modification of control systems required above;~~ and

3. ~~the owner or operator shall maintain~~ records of any testing requested by the administrative authority to prove compliance with this Section~~LAC 33:III.2131~~ or any testing done by the owner or operator on a voluntary basis.

HG. Implementation Schedule. Facilities must be in compliance with this Section within six months after becoming an affected facility.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended LR 16:609 (July 1990), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:654 (July 1991), LR 18:1123 (October 1992), LR 19:1564 (December 1993), LR 22:1212 (December 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 27:193 (February 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 36:**.