

Title 33
ENVIRONMENTAL QUALITY
Part III. Air

Chapter 3. Regulatory Permits

§321. Regulatory Permit for Storage Vessels

A. Applicability

1. This regulatory permit authorizes the construction and use of storage vessels, subject to the requirements established herein, upon notification by the department that the application (i.e., notification form) submitted in accordance with Subsection G of this Section has been determined to be complete.

2. This regulatory permit shall not apply to storage vessels:

a. deemed insignificant in accordance with item A.2, A.3, A.8, A.10, B.31, B.39, or B.44 of the insignificant activities list in LAC 33:III.501.B.5;

b. that utilize a closed vent system and control device to comply with an applicable requirement, except that storage vessels employing carbon adsorbers solely to mitigate odors shall be allowed;

c. capable of maintaining working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere; or

d. subject to federal regulations not identified in Subsection D of this Section.

3. This regulatory permit shall not be used to authorize a storage vessel that, when considering potential emissions from it and potential emissions from the remainder of the stationary source, would result in the creation of a major source of criteria pollutants, hazardous air pollutants, or toxic air pollutants.

B. Definitions

Storage Vessel—any tank, reservoir, or container used for the storage of volatile organic compounds. Storage vessels do not include:

a. process tanks as defined in 40 CFR 60.111b; and

b. vessels permanently attached to motor vehicles such as trucks, railcars, barges, or ships.

C. Emission Limitations, Monitoring, Recordkeeping, and Reporting

1. Emission limitations for the storage vessel shall be established by the application (i.e., notification form) submitted in accordance with Subsection G of this Section.

a. The limitations shall be enforceable by the department.

b. If actual emissions exceed these limitations for any reason other than as described in LAC 33:III.501.C.12, the permittee shall notify the Office of Environmental Compliance in accordance with Louisiana General Condition XI of LAC 33:III.537.A. For Part 70 sources, the reports required by Paragraph C.3 of this Section shall satisfy this requirement.

2. The permittee shall monitor and record the throughput of the storage vessel during each calendar month. Records shall be retained as described in Louisiana General Condition X of LAC 33:III.537.A.

3. The permittee shall address each storage vessel located at a Part 70 source in the submittals required by Part 70 General Conditions K, M, and R of LAC 33:III.535.A. Deviations from the terms and conditions of this regulatory permit, including the standards identified in Subsection D of this Section, shall not be considered violations of the stationary source's Part 70 permit.

D. Storage Vessel Standards. The permittee shall comply with the provisions of the following federal and state regulations pertaining to storage vessels, as applicable:

1. LAC 33:III.2103 and 2131;

2. 40 CFR 60, subpart Kb;

3. 40 CFR 61, subpart FF; and

4. 40 CFR 63, subparts G, R, U, CC, OO, SS, WW, YY, JJJ, PPP, EEEE, FFFF, HHHHH, NNNNN, BBBB, CCCCC, VVVVV, and HHHHHH.

E. Floating Roofs. The intent of this Subsection is to avoid having a vapor space between the floating roof and the stored liquid for extended periods.

1. An internal or external floating roof shall be floating on the liquid surface at all times except:

a. when it must rest on the leg supports during the initial fill;

b. after the storage vessel has been completely emptied and degassed;

or

c. when the storage vessel is completely emptied before being subsequently refilled.

2. When the floating roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as soon as practical.

3. Storage vessels where liquid is left on walls, as bottom clingage, or in pools due to floor irregularities are considered completely empty.

F. Emissions Inventory. Each stationary source subject to LAC 33:III.919 shall include emissions from each storage vessel authorized by this regulatory permit in its annual emissions inventory.

G. Notification Requirements

1. Written notification describing the storage vessel shall be submitted to the Office of Environmental Services using the appropriate form provided by the department.

2. A separate notification shall be submitted for each storage vessel.

H. Fees. Fees for this regulatory permit shall be as prescribed by fee number 1670 of LAC 33:III.223, Table 1. Applicable surcharges as described in LAC 33:III.211.A shall also be assessed.

I. Storage vessels authorized by this regulatory permit shall be included in the next renewal or modification of the stationary source's existing permit.

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

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs and Criminal Investigations Division, LR 43:**.