

Title 33
ENVIRONMENTAL QUALITY

Part III. Air

Chapter 21. Control of Emission of Organic Compounds

Subchapter A. General

§2104. Crude Oil and Condensate

A. Applicability. This Section applies to any oil and gas production facility (SIC Code 1311), natural gas processing plant (SIC Code 1321), or natural gas transmission facility (SIC Code 4922) that has a potential to emit ~~more than 5025~~ Tons Per Year (TPY) or more of flash gas to the atmosphere in the parishes of Ascension, ~~Calcasieu~~, East Baton Rouge, Iberville, Livingston, and West Baton Rouge; ~~more than 50~~ TPY or more of flash gas to the atmosphere in the parish of Calcasieu; or ~~more than~~ 100 TPY or more of flash gas to the atmosphere in any other parish.

B. – C.1. ...

2. For facilities in the parishes of Ascension, ~~Calcasieu~~, East Baton Rouge, Iberville, Livingston, and West Baton Rouge with a potential to emit less than 250 tons per year of flash gas, aggregated facility flash gas emissions shall be reduced by a minimum of 95 percent or, ~~by means of a federally enforceable permit revision,~~ reduced to a potential to emit of less than ~~5025~~ TPY by means of a federally enforceable permit revision that permanently restricts production, hours of operation, and/or capacity utilization or other equivalent control and requires the maintenance of records to demonstrate compliance with the permit restrictions.

3. For facilities in the parish of Calcasieu with a potential to emit less than 250 tons per year of flash gas, aggregated facility flash gas emissions shall be reduced by a minimum of 95 percent or, by means of a federally enforceable permit revision, reduced to a potential to emit of less than 50 TPY by means of a federally enforceable permit revision that permanently restricts production, hours of operation, and/or capacity utilization or other equivalent control and requires the maintenance of records to demonstrate compliance with the permit restrictions.

~~3.4.~~ For facilities in parishes other than Ascension, Calcasieu, East Baton Rouge, Iberville, Livingston, and West Baton Rouge with a potential to emit less than 250 tons per year of flash gas, aggregated facility flash gas emissions shall be reduced by a minimum of 95 percent; or, ~~by means of a federally enforceable permit revision,~~ reduced to a potential to emit of less than 100 TPY by means of a federally enforceable permit revision that permanently restricts production, hours of operation, and/or capacity utilization or other equivalent control and requires the maintenance of records to demonstrate compliance with the permit restrictions.

D. – D.3. ...

E. Compliance Schedule. For equipment located in the parishes of Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge, compliance shall be achieved as soon as practicable, but no later than September 1, 1998. For equipment located in the parish of

Calcasieu with a potential to emit less than 100 TPY, compliance shall be achieved as soon as practicable, but no later than August 20, 2003. For all other facilities compliance shall be achieved as soon as practicable, but no later than May 1, 1999. A facility that has become subject to this regulation as a result of a revision of the regulation shall comply with the requirements of this Section as soon as practicable, but in no event later than one year from the promulgation of the regulation revision.

F. - G.5. ...

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

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 23:1497 (November 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 28:1764 (August 2002), LR 29:

§2108. Marine Vapor Recovery

A. Applicability. An affected facility is any marine loading operation serving ships and/or barges loading crude oil, gasoline, or volatile organic compounds (VOCs) with an uncontrolled emission of a potential to emit 25 tons per year (TPY) or more of VOC in the parishes of Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge, or 100 tons per year (TPY) or greater of volatile organic compounds VOC in any other parish. Emissions from VOCs with a true vapor pressure of less than 1.5 psia at the loading temperature of the liquid are exempt from the control requirements of this Section.

B. - D.3. ...

4. A facility that has become subject to this regulation as a result of a revision of the regulation shall comply with the requirements of this Section as soon as practicable, but in no event later than one year from the promulgation of the regulation revision.

E. - H.2. ...

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 14:704 (October 1988), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 16:959 (November 1990), LR 22:1212 (December 1996), LR 23:1678 (December 1997), LR 24:20 (January 1998), LR 24:1285 (July 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2452 (November 2000), LR 29:

§2115. Waste Gas Disposal

Any waste gas stream containing volatile organic compounds (VOCs) from any emission source shall be controlled by one or more of the applicable methods set forth in Subsections A-G of this Section. This Section shall apply to all waste gas streams located at facilities that have the potential to emit 5025 TPY or more of VOCs in the parishes of Ascension, ~~Calcasieu~~, East Baton

Rouge, Iberville, Livingston, ~~Pointe Coupee~~, and West Baton Rouge; 50 TPY or more of VOC in the parishes of Calcasieu and Pointe Coupee; or 100 TPY or more of VOCs in any other parish. This Section does not apply to waste gas streams that must comply with a control requirement, meet an exemption, or are below an applicability threshold specified in another section of this Chapter. This Section does not apply to waste gas streams that are required by another federal or state regulation to implement controls that reduce VOCs to a more stringent standard than would be required by this Section.

A. – H.1. ...

a. it can be demonstrated that the waste gas stream is not a part of a facility that emits, or has the potential to emit, ~~5025~~ TPY or more of VOCs in the parishes of Ascension, ~~Calcasieu~~, East Baton Rouge, Iberville, Livingston, ~~Pointe Coupee~~, and West Baton Rouge; 50 TPY or more of VOC in the parishes of Calcasieu and Pointe Coupee; or 100 TPY or more of VOCs in any other parish;

H.1.b. – I.5. ...

J. Compliance. All facilities affected by this Section shall be in compliance as soon as practicable but in no event later than August 20, 2003. A facility that has become subject to this regulation as a result of a revision of the regulation shall comply with the requirements of this Section as soon as practicable, but in no event later than one year from the promulgation of the regulation revision.

J.1. – M. *Waste Gas Stream.* ...

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 by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 16:960 (November 1990), LR 17:654 (July 1991), LR 18:1122 (October 1992), LR 19:317 (March 1993), LR 22:1212 (December 1996), LR 24:21 (January 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 28:1764 (August 2002), LR 29:

Subchapter B. Organic Solvents

§2123. Organic Solvents

A. – D.7. ...

a. the affected portion of the facility will not emit ~~more than~~ 25 tons per year (TPY) or more of VOC if the facility is located in the parish of Ascension, East Baton Rouge, Iberville, Livingston, or West Baton Rouge, or ~~more than~~ 50 tons per year TPY or more of VOC if located in any other parish;

D.7.b. – G. *Repair and Maintenance Thermoplastic Coating.* ...

H. Timing. A facility that has become subject to this regulation as a result of a revision of the regulation shall comply with the requirements of this Section as soon as practicable, but in no event later than one year from the promulgation of the regulation revision.

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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 16:119 (February 1990), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:654 (July 1991), LR 18:1122 (October 1992), LR 22:340 (May 1996), LR 22:1212 (December 1996), LR 23:1678 (December 1997), LR 24:23 (January 1998), LR 24:1285 (July 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:1240 (July 1999), LR 26:2453 (November 2000), LR 28:1765 (August 2002), LR 29:

Subchapter C. Vapor Degreasers

§2125. Vapor Degreasers

A. – C.2.j. ...

D. Exemptions. Except as required in this Subsection, a vapor degreaser emitting 100 pounds (45 kilograms) or less of volatile organic compounds (VOCs) in any consecutive 24-hour period (uncontrolled) is exempt from the provisions of this Section provided the total emissions from all the vapor degreasers at the facility combined are less than 100 tons ~~per~~ year of VOCs, uncontrolled. If these two conditions are not met, the provisions of this Section must apply. For the parishes of Ascension, Calcasieu, East Baton Rouge, Iberville, Livingston, Pointe Coupee, and West Baton Rouge parishes, the requirements of this Section apply to all solvent metal cleaners, except as follows stated in this Subsection.

D.1. - G. ...

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 by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 16:962 (November 1990), LR 18:1122 (October 1992), LR 22:1212 (December 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 28:1765 (August 2002), LR 29:

Subchapter H. Graphic Arts

§2143. Graphic Arts (Printing) by Rotogravure and Flexographic Processes

A. Control Requirements. No person shall operate or allow the operation of a packaging rotogravure, publication rotogravure, or flexographic printing facility having a potential to emit ~~5025~~ TPY or more of VOCs in the parishes of Ascension, ~~Calcasieu~~, East Baton Rouge, Iberville, Livingston, ~~Pointe Coupee~~, and West Baton Rouge; having a potential to emit 50 TPY or more of VOC in the parishes of Calcasieu and Pointe Coupee; or having a potential to

emit 100 TPY or more of VOCs in any other parish, unless VOC emissions are controlled by one of the methods in Paragraphs A.1-5 of this Section. Once a facility is subject to the provisions of this Section, it remains so regardless of future variations in production.

1. - 5. ...

B. Applicability Exemption. A rotogravure or flexographic printing facility that has the potential to emit, at full production (8760 hours per year basis), a combined weight of VOCs of less than ~~50~~25 TPY (in the parishes of Ascension, ~~Calcasieu~~, East Baton Rouge, Iberville, Livingston, ~~Pointe Coupee~~, and West Baton Rouge); less than 50 TPY in the parishes of Calcasieu and Pointe Coupee; or less than 100 TPY (in any other parish), calculated from historical records of actual consumption of ink, is exempt from the provisions of Subsections A and C of this Section and need only comply with Subsection D of this Section.

C. – D.3. ...

E. Timing. A facility that has become subject to this regulation as a result of a revision of the regulation shall comply with the requirements of this Section as soon as practicable, but in no event later than one year from the promulgation of the regulation revision.

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 by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 16:964 (November 1990), LR 18:1123 (October 1992), LR 22:1212 (December 1996), LR 24:25 (January 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:1796 (October 1999), LR 28:1765 (August 2002), LR 29:

Subchapter J. Limiting Volatile Organic Compound (VOC) Emissions from Reactor Processes and Distillation Operations in the Synthetic Organic Chemical Manufacturing Industry (SOCMI)

§2147. Limiting VOC Emissions from SOCMI Reactor Processes and Distillation Operations

A. Applicability

1. The provisions of this Subchapter apply to any vent stream discharging to the atmosphere and originating from a process unit in which a reactor process or distillation operation is located. This Subchapter shall apply to all vents located at facilities that emit, or have the potential to emit, ~~50~~25 tons per year (TPY) or more of volatile organic compounds (VOC), plantwide, in the affected parishes of Ascension, ~~Calcasieu~~, East Baton Rouge, Iberville, Livingston, ~~Pointe Coupee~~ and West Baton Rouge, or 50 TPY or more of VOC in the parishes of Calcasieu and Pointe Coupee. Once an operation is considered to be covered by this Subchapter, it shall be so considered ad infinitum. A decision tree is provided (Figure 1) to facilitate determination of applicability to this Subchapter on a per vent basis. The total resource effectiveness (TRE) index value may be applied on an individual process vent stream basis for a given process unit. Compliance with this rule shall be attained within a period of two years after

promulgation. A facility that has become subject to this regulation as a result of a revision of the regulation shall comply with the requirements of this Section as soon as practicable, but in no event later than one year from the promulgation of the regulation revision. Any emission source that is subject to this rule and to the Waste Gas Disposal Rule (LAC 33:III.2115) shall comply with this rule only. This rule shall apply only to Standard Industrial Major Code 28.

A.2. – Figure 1. ...

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

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 21:380 (April 1995), amended LR 22:1212 (December 1996), LR 23:1508 (November 1997), LR 23:1510 (November 1997), LR 23:1679 (December 1997), LR 24:1286 (July 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 29:

Subchapter K. Limiting Volatile Organic Compound (VOC) Emissions from Batch Processing

§2149. Limiting ~~Volatile Organic Compound~~ VOC Emissions from Batch Processing

A. Applicability

1. The provisions of this Subchapter apply to process vents associated with batch processing operations. This Subchapter shall apply to the stationary sources that emit, or have the potential to emit, ~~5025~~ tons per year (TPY) or more of ~~volatile organic compounds (VOCs)~~ in the affected parishes of Ascension, ~~Calcasieu~~, East Baton Rouge, Iberville, Livingston, ~~Pointe Coupee~~ and West Baton Rouge, or 50 TPY or more of VOC in the parishes of Calcasieu and Pointe Coupee. Once an operation is considered to be covered by this Subchapter, it shall be so considered ad infinitum. The scope of affected industries is limited to those industries in the following standard industrial classification (SIC) codes: 2821, 2833, 2834, 2861, 2865, 2869, 2879. Compliance with this rule shall be attained within a period of two years after promulgation. A facility that has become subject to this regulation as a result of a revision of the regulation shall comply with the requirements of this Section as soon as practicable, but in no event later than one year from the promulgation of the regulation revision. Any emission source that is subject to this rule and to the Waste Gas Disposal Rule (LAC 33:III.2115) shall comply with this rule only.

A.2. – G.2.c.v. ...

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

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 21:387 (April 1995), amended LR 22:1212 (December 1996), LR 23:1507 (November 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 29:

Subchapter L. Limiting Volatile Organic Compound (VOC) Emissions from Cleanup Solvent Processing

§2151. Limiting ~~Volatile Organic Compound~~ VOC Emissions from Cleanup Solvent Processing

A. Applicability. The provisions of this Subchapter apply to stationary sources that emit, or have the potential to emit, ~~5025~~ TPY or more of ~~volatile organic compounds~~ VOC and conduct one or more of the affected cleaning operations in the parishes of Ascension, ~~Calcasieu~~, East Baton Rouge, Iberville, Livingston, ~~Pointe Coupee~~, and or West Baton Rouge, or 50 TPY or more of VOC and conduct one or more of the affected cleaning operations in the parish of Calcasieu or Pointe Coupee. Once a source is subject to this Subchapter, it shall be so, ad infinitum. Affected cleaning operations are ones that use solvents in the following operations:

A.1. – E. ...

F. Timing. A facility that has become subject to this regulation as a result of a revision of the regulation shall comply with the requirements of this Section as soon as practicable, but in no event later than one year from the promulgation of the regulation revision.

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

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 21:391 (April 1995), amended LR 24:25 (January 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2453 (November 2000), LR 29:

Subchapter M. Limiting Volatile Organic Compound (VOC) Emissions From Industrial Wastewater

§2153. Limiting VOC Emissions From Industrial Wastewater

A. Definitions. Unless specifically defined in LAC 33:III.111, the terms in this Chapter shall have the meanings normally used in the field of air pollution control. Additionally the following meanings apply, unless the context clearly indicates otherwise.

Affected Source Category—any facilities of the following source categories located in the parishes of Ascension, ~~Calcasieu~~, East Baton Rouge, Iberville, Livingston, ~~Pointe Coupee~~, and West Baton Rouge parishes and having the potential to emit ~~5025~~ TPY or more of VOCs, or located in the parishes of Calcasieu and Pointe Coupee and having the potential to emit 50 TPY or more of VOC:

a. – d. ...

* * *

B. - H.5. ...

I. Parishes and Compliance Schedules. For the affected facilities in the parishes of Ascension, Calcasieu, East Baton Rouge, Iberville, Livingston, Pointe Coupee, and West Baton Rouge parishes, any person who is the owner or operator of an affected source category within a plant shall be in compliance with these regulations no later than November 15, 1996. If an additional affected VOC wastewater stream is generated as a result of a process change, the wastewater shall be in compliance with this Section upon initial startup or by November 15, 1998, whichever is later, unless the owner or operator demonstrates to the administrative authority* that achieving compliance will take longer. If this demonstration is satisfactory to the administrative authority*, compliance shall be achieved as expeditiously as practicable, but in no event later than three years after the process change. An existing wastewater stream that becomes an affected VOC wastewater stream due to a process change must be in compliance with this

Section as expeditiously as practicable, but in no event later than three years after the process change. A facility that has become subject to this regulation as a result of a revision of the regulation shall comply with the requirements of this Section as soon as practicable, but in no event later than one year from the promulgation of the regulation revision.

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