

**Title 33**  
**ENVIRONMENTAL QUALITY**  
**Part III. Air**

**Chapter 22. Control of Emissions of Nitrogen Oxides (NO<sub>x</sub>)**

**§2201. Affected Facilities in the Baton Rouge Nonattainment Area and the Region of Influence**

A. - C.7. ...

8. ~~any point source during start-up and shutdown as defined in LAC 33:III.111 or during a malfunction as defined in 40 CFR Section 60.2 (This exemption does not apply to units that are shut down intentionally on a routine basis—more than once per month.)~~ Repealed;

C.9. - I.1. ...

2. The owner or operator of an affected point source granted an exemption in accordance with any part of Subsection C of this Section or required to demonstrate continuous compliance in accordance with Subsection H of this Section shall submit a written report within 90 days of the end of each ozone season to the administrative authority of any noncompliance ~~of~~with the applicable limitations of Subsection D or E of this Section or with the applicable work practice standards of Paragraph K.3 of this Section. The required information may be included in reports provided to the administrative authority to meet other requirements, so long as the report meets the deadlines and content requirements of this Paragraph. The report shall include the following information:

I.2.a. - J.2. ...

K. Start-up and Shutdown

1. For affected point sources that are shut down intentionally more than once per month, the owner or operator shall include NO<sub>x</sub> emitted during periods of start-up and shutdown for purposes of determining compliance with the emission factors set forth in Subsection D of this Section, or with an alternative plan approved in accordance with Paragraph E.1 or 2 of this Section.

2. For all other affected point sources, effective May 1, 2017, the owner or operator shall either comply with Paragraph K.1 of this Section or the work practice standards described in Paragraph K.3 of this Section during periods of start-up and shutdown. If the owner or operator chooses to comply with work practices standards, the emission factors set forth in Subsection D of this Section shall not apply during periods of start-up and shutdown.

3. Work Practice Standards

a. The owner or operator shall operate and maintain each affected point source, including any associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions.

b. Effective November 22, 2016, eCoal-fired and fuel oil-fired electric power generating system boilers and fuel oil-fired stationary gas turbines shall use natural gas during start-up. Start-up ends when any of the steam from the boiler or steam turbine is used to generate electricity for sale over the grid or for any other purpose (including on-site use). If another fuel must be used to support the shutdown process, natural gas shall be utilized.

c. Engage control devices such as selective catalytic reduction (SCR) or selective non-catalytic reduction (SNCR) as expeditiously as possible, considering safety and manufacturer recommendations. The department shall incorporate into the applicable permit for each affected facility appropriate requirements describing the source-specific conditions or parameters identifying when operation of the control device shall commence.

d. Minimize the start-up time of stationary internal combustion engines to a period needed for the appropriate and safe loading of the engine, not to exceed 30 minutes.

e. Maintain records of the calendar date, time, and duration of each start-up and shutdown.

f. Maintain records of the type(s) and amount(s) of fuels used during each start-up and shutdown.

g. The records required by Subparagraphs K.3.e and f of this Section shall be kept for a period of at least five years and shall be made available upon request by authorized representatives of the department.

4. On or before May 1, 2017, the owner or operator shall notify the Office of Environmental Services whether each affected point source will comply with Paragraph K.1 or K.3 of this Section during periods of start-up and shutdown.

a. The owner or operator does not have to select the same option for every affected point source.

b. The department shall incorporate into the applicable permit for each affected facility the provisions of Paragraph K.1 and/or K.3 of this Section, as appropriate. The owner or operator may elect to revise the method of compliance with Subsection K of this Section for one or more affected point sources by means of a permit modification.

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

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 28:290 (February 2002), repromulgated LR 28:451 (March 2002), amended LR 28:1578 (July 2002), LR 30:748 (April 2004), LR 30:1170 (June 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2441 (October 2005), LR 33:2088 (October 2007), LR 34:71 (January 2008), LR 36:60 (January 2010), amended by the Office of the Secretary, Legal Division, LR 42:\*\*.