Title 26

DEPARTMENT OF THE ENVIRONMENT

Subtitle 11 AIR QUALITY

Chapter 19 Volatile Organic Compounds from Specific Processes

.28 Control of Volatile Organic Compounds from Bread and Snack Food Drying Operations.

A. Applicability. This regulation applies to a person who owns or operates a bread drying operation.

B. Definitions.

(1) In this regulation, the following terms have the meanings indicated.

(2) Terms Defined.

(a) "Bread and snack food drying operation (bread drying operation)" means a drying process that reduces the moisture content of bakery and confectionary waste in preparation for its further use.

(b) "Scrubber system" means a control device that strips VOC from the exhaust gases of a bread drying operation by means of direct contact between the effluent gases and the scrubbing medium.

C. General Requirements.

(1) A person who owns or operates a bread drying operation that has a potential to emit VOC emissions of 25 tons or more per year may not cause or allow VOC emissions into the atmosphere unless the bread drying operation is equipped with:

(a) A scrubber system that has an overall VOC reduction efficiency of 85 percent or greater; or

(b) An alternative control device approved by the Department that will reduce VOC emissions overall by 85 percent or greater.

(2) A person who installs a scrubber system shall:

(a) Equip the scrubber system with a water flow meter to continuously measure and record the water flow to the scrubber system;

(b) Measure and record the water flow rate when performing a compliance stack test conducted in accordance with §E of this regulation;

(c) Submit the water flow rate information to the Department for approval as part of the stack test report; and

(d) Maintain the water flow rate approved by the Department at all times when the bread drying operation is in use.

(3) A variation of 10 percent or more of the approved water flow rate constitutes a violation of §C(1) of this regulation unless a different water flow rate is approved by the Department.

(4) The Department may adjust the approved water flow rate based on future stack test results performed in accordance with §E of this regulation.

(5) The Department will approve a different water flow rate if it is demonstrated to the satisfaction of the Department that the different water flow rate will reduce VOC emissions by at least 85 percent overall.

D. Alternative Control Devices.

(1) A person who installs an alternative control device shall measure and record the process conditions when performing a compliance stack test and submit that information to the Department as part of the stack test report.

(2) If an alternative control device is used, the process conditions reported during a compliance stack test shall be included as conditions to the source's permit to operate.

E. Testing Requirements. A person who owns or operates a bread drying operation subject to the requirements in §C(1) of this regulation shall:

(1) Demonstrate compliance by performing an initial stack test within 120 days of installing an emission control system unless the Department approves a different date;

(2) Perform additional compliance demonstration stack tests at least once every 5 years after the initial compliance test unless the Department approves a different frequency; and

(3) Submit stack test reports to the Department within 60 days following completion of each test.

F. Monitoring and Records.

(1) A person who installs a scrubber system or an alternative control device on a bread drying operation shall continuously monitor and record the water flow rate to the scrubber system or the process conditions approved by the Department and included in the source's permit

to operate.

(2) A person who owns or operates a bread drying operation shall maintain the following monthly records:

(a) The types and input rates for all materials processed; and

(b) The estimated monthly VOC emissions.

(3) All records required under this regulation shall be maintained for at least 5 years and be made available to the Department upon request.