

A. Additional Terms and Conditions

For K001:

1. The 28.32 pounds of VOC/day limit was established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.

B. Operational Restrictions

1. The maximum daily coating usage for emissions unit K001 shall not exceed 8 gallons.
2. The maximum daily amount of paint mixed in emissions unit P001 shall not exceed 8 gallons.

C. Recordkeeping Requirements

1. The permittee shall collect and record the following information each day for the coating line:
 - a. the name and identification number of each coating* employed;
 - b. the VOC content of each coating, as applied, in pounds per gallon;
 - c. the volume, in gallons, of each coating employed; and,
 - d. the total volume, in gallons, of all of the coatings employed.

* (Coating consists of a mixture of reducer, catalyst, and enamel.)
2. The permittee shall collect and record the following information monthly for the purpose of determining annual VOC emissions:
 - a. the name and identification of each cleanup material employed;
 - b. the number of gallons of each cleanup material employed;
 - c. the VOC content of each cleanup material, in pounds per gallon; and,
 - d. the total VOC emissions from all coatings and cleanup materials employed, in pounds or tons.

3. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings, if a strip-chart recorder is employed, for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

D. Reporting Requirements

1. The permittee shall notify the Director (the Regional Air Pollution Control Agency) in writing of any daily record showing that the coating line employs more than the applicable maximum daily coating usage limit. The notification shall include a copy of such record and shall be sent to the Director (the Regional Air Pollution Control Agency) within 45 days after the exceedance occurs.

E. Compliance Methodologies

1. Compliance with the emission limitation(s) of these terms and conditions shall be determined in accordance with the following method(s):

For K001:

- a. Emission Limitation

28.3 pounds/day VOC, excluding cleanup

Applicable Compliance Method

Compliance shall be determined by multiplying the maximum daily coating usage of 8 gallons by 3.54 pounds VOC/gal, the volume weighted maximum VOC content. Compliance can also be based upon the recordkeeping specified in Section C.1.

- b. Emission Limitation

5.61 TPY VOC, including cleanup

Applicable Compliance Method

Compliance shall be based upon the recordkeeping as required in Sections C.1. and C.2.

- c. Emission Limitation

0.551 lb/hr particulate

Applicable Compliance Method

To determine the actual worst case emissions rate for particulate matter, the following equation shall be used:

$E = \text{maximum coating solids usage rate in pounds per hour} \times (1-TE) \times (1-CE)$

$E = \text{particulate matter emissions rate, in pounds per hour}$

$TE = \text{transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used}$

$CE = \text{control efficiency of the control equipment}$

d. Emission Limitation

2.41 TPY Particulate

Applicable Compliance Method

Compliance shall be determined by multiplying the maximum hourly particulate emission rate, 0.551 pound/hour, by 8,760 hours/year.