

Facility Name: PPG Industries, Inc.
Premise Number: 13-18-55-5724
PTI Number: 13-2943
Source Number: K011

ADDITIONAL TERMS AND CONDITIONS

A. Applicable Emission Limitations and/or Control Requirements

1. Emissions from emissions unit K011 shall be controlled with a water wash and dry filter system. Particulate matter (PM) emissions shall not exceed 0.551 lbs/hr and 2.41 tpy.
2. There shall be no visible emissions of particulate matter.
3. VOC emissions from coating materials employed in emissions unit K011 shall not exceed 3 lbs/hr, 15 lbs/day and 2.74 tpy.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each day for coating usage in emissions unit K011:
 - a. The name and identification number of each coating employed;
 - b. The volume, in gallons, of each coating employed;
 - c. The VOC content of each coating employed;
 - d. The total volume, in gallons, of all of the coatings employed (sum of b);
 - e. The VOC emissions rate from each coating, in pounds per day (b * c);
 - f. The VOC emissions rate from all coatings, in pounds per day (sum of e)
2. The permittee shall collect and record the following information each month for cleanup material usage in emissions unit K011:
 - a. The name and identification number 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;
 - d. The VOC Emissions rate from each cleanup material, in pounds per month (b * c);
 - e. The VOC emission rate from all cleanup materials, in pounds per month (sum of d)

C. Reporting Requirements

1. The permittee shall notify Cleveland Bureau of Air Pollution Control within five (5) calendar days of any daily record showing an exceedance of the applicable maximum daily coating usage limitation contained in this permit. A copy of such record shall be sent to Cleveland BAPC within 45 days following the date of the excursion. Accompanying the record, the permittee shall indicate, in writing, the probable cause(s) of the excursion(s) and the steps which have been implemented to correct the violation(s) and prevent any such future occurrences.
2. The permittee shall also submit annual reports which specify the total VOC emissions from this emissions unit for coating and cleanup material usage for the previous calendar year. The report shall also include the maximum daily coating usage and maximum monthly cleanup material usage. These reports shall be submitted by January 31 of each year.

D. Compliance Requirements

1. Emission Limitation: 3 lbs OC/hr, 15 lbs OC/day and 2.74 tons OC/year.

Applicable Compliance Method:

Compliance with the emissions limitations shall be determined pursuant to the monitoring and record keeping.

At the request of the Ohio EPA, compliance with this mass emission limitation shall be based on stack testing in accordance with Method 25, 40 CFR Part 60, Appendix A.

2. Emission Limitation: 0.551 lbs PM/hr and 2.41 tons PM/year

Applicable Compliance Method:

As long as the represented maximum hourly coating application rate and daily maximum coating usage limitation for this emissions unit is not exceeded, and the control equipment for particulate matter (water wash filter system) is operating properly and in accordance with the manufacturer's specifications, compliance with the respective particulate matter limits of 0.551 pounds per hour and 2.41 tons per year will be assumed to be maintained.

However, 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 = Particulate matter emissions rate (lbs/hr)

TE = 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 = Control efficiency of the control equipment

3. Emission Limitation: No visible emissions of PM

Applicable Compliance Method:
OAC Rule 3745-17-03(B)(1)