

15A NCAC 02Q .0803 COATING, SOLVENT CLEANING, GRAPHIC ARTS OPERATIONS

(a) For the purposes of this Rule, the following definitions apply:

- (1) "Coating operation" means a process in which paints, enamels, lacquers, varnishes, inks, dyes, glues, and other similar materials are applied to wood, paper, metal, plastic, textiles, or other types of substrates.
- (2) "Solvent cleaning operation" means the use of solvents containing volatile organic compounds to clean soils from metal, plastic, or other types of surfaces.
- (3) "Graphic arts operation" means the application of inks to form words, designs, or pictures to a substrate, usually by a series of application rolls each with only partial coverage and usually using letterpress, offset lithography, rotogravure, or flexographic process.

(b) Potential emissions for a coating operation, solvent cleaning operation, or graphic arts operation shall be determined using actual emissions without accounting for any air pollution control devices to reduce emissions of volatile organic compounds or hazardous air pollutants including perchloroethylene, methyl chloroform, and methyl chloride from the coating operation, solvent cleaning operation or graphic arts operation. All volatile organic compounds and hazardous air pollutants that are also volatile organic compounds and perchloroethylene, methyl chloroform, and methyl chloride are assumed to evaporate and be emitted into the atmosphere at the source.

(c) Paragraphs (d) through (l) of this Rule do not apply to any facility whose potential emissions are greater than or equal to:

- (1) 100 tons per year of each regulated air pollutant;
- (2) 10 tons per year of each hazardous air pollutant; or
- (3) 25 tons per year of all hazardous air pollutants combined;

as determined by criteria set out in each individual source category rule. [A particular maximum achievable control technology (MACT) standard promulgated under 40 CFR Part 63 may have a lower applicability threshold than those contained in this Paragraph. The threshold contained in that MACT standard shall be used to determine the applicability of that MACT standard.]

(d) With the exception of Paragraph (c) of this Rule, the owner or operator of a coating, solvent cleaning, or graphics arts operation shall be exempted from the requirements of Section .0500 of this Subchapter, provided the owner or operator of the facility complies with Paragraphs (f) through (j) of this Rule, as appropriate.

(e) Only Paragraph (b) of this Rule applies to coating operations, solvent cleaning operations, or graphic arts operations that are exempted from needing a permit under Rule .0102 of this Subchapter.

(f) The owner or operator of a facility whose potential emissions:

- (1) of volatile organic compounds are less than 100 tons per year but more than or equal to 75 tons per year;
- (2) of each hazardous air pollutant is less than 10 tons per year but more than or equal to 7.5 tons per year; or
- (3) of all hazardous air pollutants combined are less than 25 tons per year but more than or equal to 18 tons per year;

shall maintain records and submit reports as described in Paragraphs (g) and (j) of this Rule.

(g) For facilities covered under Paragraph (f) of this Rule, the owner or operator shall:

- (1) maintain monthly consumption records of each material used containing volatile organic compounds as follows:
 - (A) quantity of volatile organic compound in pounds per gallon of each material used,
 - (B) pounds of volatile organic compounds of each material used per month and total pounds of volatile organic compounds of each material used during the 12-month period ending on that month,
 - (C) quantity of each hazardous air pollutant in pounds per gallon of each material used,
 - (D) pounds of each hazardous air pollutant of each material used per month and total pounds of each hazardous air pollutant of each material used during the 12-month period ending on that month,
 - (E) quantity of all hazardous air pollutants in pounds per gallon of each material used, and
 - (F) pounds of all hazardous air pollutants of each material used per month and total pounds of all hazardous air pollutants of each material used during the 12-month period ending on that month; and

- (2) submit to the Director each quarter, or more frequently if required by a permit condition, a report summarizing emissions of volatile organic compounds and hazardous air pollutants containing the following:
 - (A) pounds volatile organic compounds used:
 - (i) for each month during the quarter, and
 - (ii) for each 12-month period ending on each month during the quarter using the 12-month rolling average method;
 - (B) greatest quantity in pounds of an individual hazardous air pollutant used:
 - (i) for each month during the quarter, and
 - (ii) for each 12-month period ending on each month during the quarter using the 12-month rolling average method; and
 - (C) pounds of all hazardous air pollutants used:
 - (i) for each month during the quarter, and
 - (ii) for each 12-month period ending on each month during the quarter using the 12-month rolling average method.
- (h) The owner or operator of a facility whose potential emissions:
 - (1) of volatile organic compounds are less than 75 tons per year,
 - (2) of each hazardous air pollutants is less than 7.5 tons per year, and
 - (3) of all hazardous air pollutants combined are less than 18 tons per year,
 shall maintain records and submit reports as described in Paragraphs (i) and (j) of this Rule.
- (i) For facilities covered under Paragraph (h) of this Rule, the owner or operator shall submit to the regional supervisors of the appropriate Division regional office by March 1 of each year, or more frequently if required by a permit condition, a report summarizing emissions of volatile organic compounds and hazardous air pollutants containing the following:
 - (1) pounds volatile organic compounds used during the previous calendar year,
 - (2) pounds of the highest individual hazardous air pollutant used during the previous year, and
 - (3) pounds of all hazardous air pollutants used during the previous year.
- (j) In addition to the specific reporting requirements for sources covered under Paragraphs (f) and (h) of this Rule, the owner or operator of the source shall:
 - (1) maintain purchase orders and invoices of materials containing volatile organic compounds, which shall be made available to the Director upon request to confirm the general accuracy of the reports filed under Paragraphs (g) or (i) of this Rule regarding materials usage;
 - (2) retain purchase orders and invoices for a period of at least three years;
 - (3) report to the Director any exceedance of a requirement of this Rule within one week of occurrence; and
 - (4) certify all submittals as to the truth, completeness, and accuracy of all information recorded and reported over the signature of the appropriate official as identified in Rule .0304(j) of this Subchapter.
- (k) Copies of all records required to be maintained under Paragraphs (g), (i) or (j) of this Rule shall be maintained at the facility and shall be available for inspection by personnel of the Division on demand.
- (l) The Director shall maintain a list of facilities covered under this Rule.

History Note: Authority G.S. 143-215.3(a); 143-215.107(a)(10); 143-215.108; Eff. August 1, 1995; Amended Eff. April 1, 2001; April 1, 1999.