

15A NCAC 02D .0920 PAPER COATING

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

- (1) "Knife coating" means the application of a coating material to a substrate by means of drawing the substrate beneath a knife that spreads the coating evenly over the full width of the substrate.
- (2) "Paper coating" means decorative, protective, or functional coatings put on paper and pressure sensitive tapes regardless of substrate. The coatings shall be distributed uniformly across the web. Related web coating processes on plastic film and decorative coatings on metal foil are included in this definition. Saturation operations are included in this definition.
- (3) "Roll coating" means the application of a coating material to a substrate by means of hard rubber or steel rolls.
- (4) "Rotogravure coating" means the application of a coating material to a substrate by means of a roll coating technique in which the substance to be applied is temporarily retained in etchings on the coating roll. The coating material is picked up in these recessed areas and is transferred to the substrate.

(b) This Rule applies to roll, knife or rotogravure coater(s) and drying oven(s) of paper coating lines.

(c) With the exception stated in Paragraph (d) of this Rule, emissions of volatile organic compounds from any paper coating line subject to this Rule shall not exceed 4.8 pounds of volatile organic compounds per gallon of solids delivered to the coating applicator from a paper coating line.

(d) Any source which has chosen to control emissions of volatile organic compounds under Rule .0518 (e) of this Subchapter and which has installed air pollution control equipment in accordance with an air quality permit in order to comply with this Rule before December 1, 1989, may comply with the limits contained in this Paragraph instead of those contained in Paragraph (c) of this Rule. Emissions of volatile organic compounds from any paper coating line subject to this Rule shall not exceed 2.9 pounds of volatile organic compounds per gallon of coating, excluding water and exempt compounds, delivered to the coating applicator from a paper coating line.

*History Note: Authority G.S. 143-215.3(a)(1); 143-215.107(a)(5);
Eff. July 1, 1979;
Amended Eff. July 1, 1996; July 1, 1991; December 1, 1989; January 1, 1985.*