

(3) Method 9 and the procedures in § 60.11 shall be used to determine the opacity.

[54 FR 6676, Feb. 14, 1989]

**Subpart QQ—Standards of Performance for the Graphic Arts Industry: Publication Roto-gravure Printing**

SOURCE: 47 FR 50649, Nov. 8, 1982, unless otherwise noted.

**§ 60.430 Applicability and designation of affected facility.**

(a) Except as provided in paragraph (b) of this section, the affected facility to which the provisions of this subpart apply is each publication roto-gravure printing press.

(b) The provisions of this subpart do not apply to proof presses.

(c) Any facility under paragraph (a) of this section that commences construction, modification, or reconstruction after October 28, 1980 is subject to the requirements of this subpart.

**§ 60.431 Definitions and notations.**

(a) All terms used in this subpart that are not defined below have the meaning given to them in the Act and in subpart A of this part.

*Automatic temperature compensator* means a device that continuously senses the temperature of fluid flowing through a metering device and automatically adjusts the registration of the measured volume to the corrected equivalent volume at a base temperature.

*Base temperature* means an arbitrary reference temperature for determining liquid densities or adjusting the measured volume of a liquid quantity.

*Density* means the mass of a unit volume of liquid, expressed as grams per cubic centimeter, kilograms per liter, or pounds per gallon, at a specified temperature.

*Gravure cylinder* means a printing cylinder with an intaglio image consisting of minute cells or indentations specially engraved or etched into the cylinder's surface to hold ink when continuously revolved through a fountain of ink.

*Performance averaging period* means 30 calendar days, one calendar month, or four consecutive weeks as specified in sections of this subpart.

*Proof press* means any device used only to check the quality of the image formation of newly engraved or etched gravure cylinders and prints only non-saleable items.

*Publication roto-gravure printing press* means any number of roto-gravure printing units capable of printing simultaneously on the same continuous web or substrate and includes any associated device for continuously cutting and folding the printed web, where the following saleable paper products are printed:

- Catalogues, including mail order and premium,

- Direct mail advertisements, including circulars, letters, pamphlets, cards, and printed envelopes,

- Display advertisements, including general posters, outdoor advertisements, car cards, window posters; counter and floor displays; point-of-purchase, and other printed display material,

- Magazines,

- Miscellaneous advertisements, including brochures, pamphlets, catalogue sheets, circular folders, announcements, package inserts, book jackets, market circulars, magazine inserts, and shopping news,

- Newspapers, magazine and comic supplements for newspapers, and preprinted newspaper inserts, including hi-fi and spectacular rolls and sections,

- Periodicals, and

- Telephone and other directories, including business reference services.

*Raw ink* means all purchased ink.

*Related coatings* means all non-ink purchased liquids and liquid-solid mixtures containing VOC solvent, usually referred to as extenders or varnishes, that are used at publication roto-gravure printing presses.

*Rotogravure printing unit* means any device designed to print one color ink on one side of a continuous web or substrate using a gravure cylinder.

*Solvent-borne ink systems* means ink and related coating mixtures whose volatile portion consists essentially of VOC solvent with not more than five weight percent water, as applied to the gravure cylinder.

*Solvent recovery system* means an air pollution control system by which VOC solvent vapors in air or other gases are