

Title 26

DEPARTMENT OF THE ENVIRONMENT

Subtitle 11 AIR QUALITY

Chapter 19 Volatile Organic Compounds from Specific Processes

.09-1 Control of VOC Emissions from Industrial Solvent Cleaning Operations Other Than Cold and Vapor Degreasing.

A. Definitions. In this regulation, the following terms have the meanings indicated:

(1) Electrical and Electronic Components.

(a) "Electrical and electronic components" means components and assemblies of components, wires, windings, stators, rotors, magnets, contacts, relays, printed circuit boards, printed wire assemblies, wiring boards, integrated circuits, resistors, capacitors, and transistors that generate, convert, transmit, or modify electrical energy.

(b) "Electrical and electronic components" does not include the cabinets in which electrical and electronic components are housed.

(2) "High precision optic" means an optical element used in an electro-optical device and is designed to sense, detect, or transmit light energy, including specific wavelengths of light energy and changes in light energy levels.

(3) Janitorial Cleaning.

(a) "Janitorial cleaning" means the cleaning of building or facility components, including but not limited to floors, ceilings, walls, windows, doors, stairs, bathrooms, furnishings, and exterior surfaces of office equipment.

(b) "Janitorial cleaning" includes graffiti removal.

(c) "Janitorial cleaning" does not include the cleaning of work areas where manufacturing or repair activity is performed.

(4) "Numismatic die" means a metal stamping tool engraved with the negative of a design from which the positive image is transferred to coin blanks during minting.

(5) "Pharmaceutical product" means a product that includes any drug, analgesic, decongestant, antihistamine, cough suppressant, vitamin, mineral, or herb supplement intended for human or animal consumption and used to cure, mitigate, or treat disease, or improve or enhance health.

(6) Industrial Solvent Cleaning Operation.

(a) "Industrial solvent cleaning operation" means an operation that is performed using a liquid that contains any volatile organic compound, or combination of volatile organic compounds, which is used to clean parts, products, tools, machinery, equipment, and general work areas.

(b) "Industrial solvent cleaning operation" does not include:

(i) The use of a VOC degreasing material for cold degreasing or vapor degreasing subject to Regulation .09 of this chapter;

(ii) Cleaning operations at sources subject to any other VOC regulations in this subtitle;

(iii) Cleaning of electrical and electronic components;

(iv) Cleaning of high precision optics;

(v) Cleaning of numismatic dies;

(vi) Stripping;

(vii) Janitorial cleaning;

(viii) Cleaning of resin, coating, ink, and adhesive mixing, molding, and application equipment;

(ix) Cleaning operations in research and development laboratories;

(x) Cleaning operations in medical device or pharmaceutical manufacturing; and

(xi) Cleaning operations related to performance or quality assurance testing of coatings, inks, or adhesives.

(7) Stripping.

(a) "Stripping" means the removal of cured coatings, inks, adhesives, maskants, or other previously applied coatings.

(b) "Stripping" does not include the removal of grease from metal.

B. Applicability. This regulation applies to a person who owns or operates an industrial solvent cleaning operation where the total VOC emissions from the industrial solvent cleaning operation at a premises are 15 pounds or more per day (6.8 kg/day), before consideration of controls.

C. Requirements for Industrial Cleaning Operations. A person may not use any cleaning material in an industrial solvent cleaning operation unless the vapor pressure of the cleaning solution is less than or equal to 8 mm Hg at 20°C (0.152 psia).

D. Records. A person using cleaning material in an industrial solvent cleaning operation shall maintain monthly records of the total solvent material used and make the records available to the Department upon request.

E. Compliance Procedures and Test Methods. The composite vapor pressure of solvent cleaning material shall be determined in accordance with the requirements under Regulation .02C of this chapter.

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