



II. Annual Emission Statement Form INV-E2

Form INV-E2 is for processes (i.e., coating lines, printing presses, degreasers, etc.). One form should be completed for each process device although identical combustion devices may be listed on one form.

1. Reporting Year: Four-digit number representing the calendar year for which emissions data is being submitted (e.g., 2019 for calendar year 2019 emissions).
2. Source Name: The complete facility name, physical location (address) and mailing address if different from physical address.
3. North American Industry Classification System (NAICS): The NAICS code is a six-digit code that groups establishments into industries based on the activities in which they are primarily engaged. NAICS codes and their descriptions are listed in the *North American Industrial Classification System Manual* published by the Office of Management and Budget. Depending upon its operations, a facility may have more than one NAICS code; please list the primary NAICS code. If a NAICS code cannot be determined the Division will assign one. The *Standard Industrial Classification* (SIC) code may be used in place of the NAICS code.
4. Device Name: Description of the specified device(s) and applicable permit number(s) (e.g., Paint Booth #1 SP-1234).
5. Process Identification: Mark the appropriate description.
6. Hours Operated: Annual hours of operation for the specified device(s) during the year of record. Actual hours of operation are preferred however estimated hours may be used (e.g., 18 hrs/day, 5 days/week, 50 weeks/yr yields 4500 hours per year).
7. Name of VOC Bearing Material: VOCs are volatile organic compounds and the VOC Bearing Material is the paint, lacquer, ink or degreaser used on or in the specified device(s). This form will allow reporting of up to four different VOC bearing materials. The following information is usually obtained from the Material Safety Data Sheets (MSDS) for the coating or solvent. Generally, the most frequently utilized material is listed first, the next most frequently utilized is listed second, etc.
 - A. Name: The common name of the VOC bearing material and the associated Product ID number or Chemical Abstract Service (CAS) number (e.g., Yellow Lacquer Product# L61XXY8998 or Trichloroethylene CAS# 79-01-6).
 - B. Quantity: The actual annual amount of VOC bearing material utilized in the specified device(s) usually expressed in gallons or pounds.

- C. Density: The density of the VOC bearing material usually expressed as weight per unit of volume (e.g., pounds/gallon).
 - D. Total volatiles content: The total amount of VOCs in the VOC bearing material including water usually expressed as a weight percentage.
 - E. Water Content: The total water content of the VOC bearing material usually expressed as a weight percentage.
 - F. Total volatiles content less water: The total VOC content minus the water content usually expressed as a weight percentage.
 - G. Quantity emitted (lbs/yr): Quantity (in gallons) multiplied by the density (in lbs/gallons) multiplied by the total volatiles less water (wt%).
 - H. Quantity emitted (tons/yr): Pounds per year divided by 2000. (Pounds* (1 ton/2000 pounds) = tons).
8. Total: Add the numbers in the tons/yr column under the VOC Bearing Material heading and enter the total here. This is the total VOC tonnage for the specified device(s). Multiplying this number by the \$/ton fee will yield the annual emissions based fee for the specified device(s).
9. Toxics: The common name of the different solvents contained in the VOC bearing material and the associated Chemical Abstract Service (CAS) number. (e.g. Toluene 108-88-3).
- A. Total volatiles content less water: The total individual solvent content in the VOC Bearing Material usually expressed as a weight percentage.
 - B. Quantity emitted (lbs/yr): Quantity (in gallons) from step 7.B. multiplied by the density from step 7.C. multiplied by the total volatiles less water from step 8.C.
 - C. Quantity emitted (tons/yr): Pounds per year divided by 2000. (Pounds* (1 ton/2000 pounds) = tons).
10. Total: Add the numbers in the tons/yr column under the Toxics heading and enter the total here. This total should be close to the total entered under Step 8. If there is a large difference between the two totals you should check your calculations.
11. Comments: Any comments relevant to the data listed. Examples include, "These are the uncontrolled emissions, destruction efficiency is 98%", "Destruction efficiency is from 07/11/99 stack test", "Coating was reformulated in October", or "device was removed in February of this year".
12. Signature: Signature of person completing the form.
13. Title: Title of person completing form.
14. Date: Date form is completed.