



Illinois Environmental Protection Agency

Supplemental Form – Coating Operation

Illinois Environmental Protection Agency
Bureau of Air – Permit Section (MC 11)
2520 West Iles Ave
P.O. Box 19276
Springfield, IL 62794-9276

Date Form Received

This form is used to provide information supplementing the 220-CAAPP form. A single 301-CAAPP form may be used for multiple similar emission units where the information contained on this form is identical between the emission units.

General Information

Source Name: _____
Source ID Number: _____
CAAPP Permit Number: _____

Coating Operation Information

Name of Coating Line (should match 220-CAAPP): _____
Type of Coating Being Performed (e.g., prime, clear, repair, powder, topcoat, sealer): _____

Substrate Material(s) (e.g., metal coil, paper web): _____
Coating Method (e.g., hand-held electrostatic spray gun): _____
Drying Method (e.g., conveyORIZED 2-stage oven): _____
Final Product (e.g., rust-proofed coated metal utility shelf): _____

If the final product will be exposed to extreme environmental conditions during its intended use, explain:

The Illinois EPA is authorized to require, and you must disclose, the requested information on this form pursuant to the Environmental Protection Act (“Act”), 415 ILCS 5/1 et seq., and its implementing regulations. This information shall be provided using either this form or in an alternative manner at your discretion. Failure to disclose the information may result in an incomplete application and other penalties as provided for in the Act, 415 ILCS 5/42-45. Intentional falsification of the information in this form may result in significant criminal and civil penalties as provided by law.

Indicate which of the following compliance methods is to be used:

- | | |
|--|--|
| <input type="checkbox"/> Use of Compliance Coatings Only | <input type="checkbox"/> Add-on Control |
| <input type="checkbox"/> Daily-Weighted Average | <input type="checkbox"/> Aggregation of Emission Sources |
| <input type="checkbox"/> Combination of the Above | <input type="checkbox"/> Not Applicable |

If the coating line is to comply with 35 IAC 215.207 (aggregation of emission sources) or to either 35 IAC 218.205 or 219.205 (daily-weighted average), then provide detailed information and calculations that demonstrate compliance and explain the means by which ongoing compliance will be demonstrated. Attach and label this information as Exhibit 301-1.

Material Usage Information

Complete the following for each coating used on this line:

Generic Name (e.g., Varnish, Lacquer)	Coating Identification (e.g., Acme Blue 101)	Maximum Annual Usage (gal/yr)	Typical Annual Usage (gal/yr)

Complete the following for each VOM containing material used for dilution on this line:

Generic Name (e.g., Toluene)	Density (lb/gal)	Maximum Annual Usage (gal/yr)	Typical Annual Usage (gal/yr)

Complete the following for each VOM containing material used for cleanup on this line:

Generic Name (e.g., Toluene)	Density (lb/gal)	VOM Content (weight %)	Maximum Annual Usage (gal/yr)	Typical Annual Usage (gal/yr)

Maximum Amount of VOM Material Reclaimed and/or Shipped Off Site (gal/yr): _____
 Maximum Amount of VOM Material Reclaimed and/or Shipped Off Site (ton/yr): _____

Typical Amount of VOM Material Reclaimed and/or Shipped Off Site (gal/yr): _____
 Typical Amount of VOM Material Reclaimed and/or Shipped Off Site (ton/yr): _____

Explain the means by which VOM containing materials are collected for reclamation and/or disposal (if applicable):

Explain in detail the means by which the amount of VOM containing materials collected is measured or determined:

Using material balance and the annual usage, reclamation rates, and coating properties information provided, calculate the total annual uncontrolled VOM emissions from this coating line:

Maximum (tons/year): _____
 Typical (tons/year): _____

Attach the calculations for the above values and label as Exhibit 301-2.

Note: specific usage rates of each coating and dilution material must be supplied separately on form 220-CAAPP.

Coating Properties Addendum

For each coating used at the source, supply the following properties of the coating "as applied" to the substrate, except where otherwise noted. Copies of this page may be made by the applicant as needed. Attach all completed addendums.

Coating Identification: _____

Coating Supplier: _____

Designation of coating line(s) that this coating is used upon: _____

Coating Density (lb/gal): _____

Coating Density (lb/gal as supplied): _____

Weighted Average Density of Dilution Material (lb/gal): _____

Dilution Material Ratio (gal diluent / gal coating "as supplied"): _____

Water and Exempt Compound Content of Coating (weight percent): _____

Water and Exempt Compound Content of Coating (volume percent): _____

VOM Content of Coating (weight percent): _____

VOM Content of Coating (volume percent): _____

lb VOM/gal of Coating (less water & exempt compounds): _____

lb VOM/gal of Coating "As Supplied" (less water & exempt compounds): _____

lb VOM/gal Solids: _____

Volatile System Composition:

Material	Volume Percent of Volatiles System (column total equals 100%)

If Method 24 was not used to measure the "as applied" coating properties, attach a detailed explanation and justification of why an alternative method was used. Label this attachment as Exhibit 301-3.