



Illinois Environmental Protection Agency

Fugitive Emissions Information and Data

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:

General Information

Source Name: _____
Source ID Number: _____
CAAPP Permit Number: _____
Environmental Contact Name: _____
Environmental Contact Email: _____
Environmental Contact Phone Number: _____

Instructions

This form may be completed for fugitive emission activities rather than completing an emission unit-specific form. Fugitive emissions are defined as those emissions which could not reasonably pass through a stack, chimney, vent, or other functionally equivalent opening. Note that uncaptured process emission unit emissions are typically not considered fugitive and must be accounted for on the appropriate emission unit-specific form. Any emissions at the source not otherwise accounted for on an emission unit-specific form must be accounted for on this 391-CAAPP form.

Some examples of emissions which are typically considered fugitive are:

- Road dust emissions (paved roads, unpaved roads, and lots)
- Storage pile emissions (wind erosion, vehicle dump and load)
- Loading/Unloading operation emissions
- Emissions from material being transported in a vehicle
- Emissions occurring from the unloading and transporting of materials
- Collected by pollution control equipment
- Equipment leaks (e.g., leaks from pumps, compressors, in-line process valves, pressure relief devices, open-ended valves, sampling connections, flanges, agitators, cooling towers, etc.)
- General clean-up VOM emissions

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.

Fugitive Emission Information

Provide information for the fugitive emission points at the source included in this application. Similar points may be grouped together.

- For paved and unpaved roads, include road miles (e.g., 6 miles of unpaved roads)
- For storage piles, indicate the material being stored (e.g., 20 limestone storage piles)
- For equipment leak points, group similar points together (e.g., 15 organic liquid pumps)
- For transfer points, identify the origin and destination of transfer and the material being transferred (e.g., 5 belt to bin transfers of corn).

Attach associated calculations and label as Exhibit 391-1. If the table does not adequate space, list all other fugitive points and include the required information on this exhibit.

Fugitive Point(s)	Regulated Air Pollutant(s)	Maximum Uncontrolled Annual Emissions (tons/yr)	Typical Uncontrolled Annual Emissions (tons/yr)

Attach a diagram of the source that indicates the location of all fugitive emission points. A sketch drawing with the proper notations is sufficient. Alternatively, the required information may be placed on a copy of an existing plan or map submitted with this application (e.g., plot plan/map). Also indicate on this diagram the location of any ambient air monitoring stations. Label this diagram as Exhibit 391-2. Note that equipment leak fugitive emission points need not be shown on this diagram.

Testing, Monitoring, Recordkeeping, and Reporting

List the parameters that relate to air emissions for which records are being maintained to determine fees, rule applicability or compliance:

Operating Parameter to be monitored (e.g. flow rate)			
Fugitive point			
Unit of measurement			
The monitoring frequency			
Method of measurement			
Description of the location of each monitor			
Verification procedures to confirm the operational status of the monitoring			
Method of Recordkeeping			

If any monitor is not operated at all times the associated emission unit is in operation explain:

Provide information on the most recent tests, if any. If additional space is needed, attach and label as Exhibit 391-3:

Fugitive Point(s):	Test Date:	Test Method:	Testing Company:	Operating Conditions:	Summary of Results:

Describe all reporting requirements and provide the title and frequency of report submittals to the Agency:

Fugitive Dust (complete if applicable)

If opacity readings required to be taken list the relevant fugitive point(s):

Specify the frequency of opacity readings:

If USEPA Method 9 is not used to read all visible emissions, explain and specify the method used:

Is an operating program for fugitive particulate matter and/or PM₁₀ control required pursuant to 35 IAC 212.309? Yes No

If Yes and a program has not been submitted within the last five years, submit an updated program and label as Exhibit 391-4.

If the source is not in compliance with 35 IAC 212.301 which states that no emissions shall be visible beyond the property line of the source, explain:

Fugitive VOM from Equipment Leaks (complete if applicable)

Indicate which of the following methods was used to estimate fugitive emissions of VOM from equipment leaks:

- Average Emission Factor
- Stratified Emission Factor
- Leak/No Leak Emission Factor
- Leak Rate/Screening Value Correlation
- Other, specify: _____

Attach a copy of the final report for any of the above tests that have been performed. This report should summarize the test procedures and results. Label as Exhibit 391-5.

If there is an active inspection and monitoring program of equipment leaks, provide a description of such program or attach the inspection program to this form and label Exhibit 391-6.

Fugitive VOM from Cleanup Operations (complete if applicable)

Complete the following for each VOM containing material used for cleanup for which the emissions are fugitive and have not been accounted for elsewhere in this application:

Generic Name of Cleanup Material	Density (lbs/gal)	VOM Content (WT%)	Maximum Annual Usage (gal/year)	Typical Annual Usage (gal/year)

Explain the means by which these materials are used and what equipment or items are being cleaned:

If all VOM used in cleanup operations are not considered to be emitted, explain:

If applicable, provide the maximum and typical amount of VOM reclaimed and/or shipped off-site and hence, not emitted:

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

If applicable, explain the means by which VOM is collected for reclamation and/or disposal:

If applicable, explain the means by which the amount of VOM collected is measured or determined:

Fugitive Control

If additional space is needed for the below tables, attach and label as Exhibit 391-7.

Complete the following, including the minimum and typical reduction efficiency for each control measure utilized:

Control Measures	Regulated Air Pollutant	Fugitive Point(s) Controlled	Minimum Reduction Efficiency (%)	Typical Reduction Efficiency (%)	Frequency of Control Application

Provide a description of each of the control measures:

Control Measures	Description