Illinois Environmental Protection Agency

Data and Information – Process Emission Source

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

Applicant Information

Name of Owner: _____
Name of Corporate Division or Plant (If different from owner): _____
Street Address of Emission Source: _____
City of Emission Source: _____
Bureau of Air ID (If Applicable): _____

Instructions

1. This information form is to be completed for an emission source other than a fuel combustion emission source or an incinerator.
2. A single form may be used for multiple process emission sources where the information contained on this form is identical between the emission sources.
3. Complete the Raw Material, Product, Waste Material, and Fuel Usage sections for the particular source equipment. Compositions of materials must be sufficiently detailed to allow determination of the nature and quantity of potential emissions. In particular, the composition of paints, inks, etc., and any solvents must be fully detailed.
4. Emission and Exhaust Point Information sections must be completed, unless emissions are exhausted through air pollution control equipment. Complete the appropriate Form APC-260 "Data & Information – Air Pollution Control Equipment" for any control equipment.
5. Operating time and certain other items require both average and maximum values.

Definitions

- **Fuel Combustion Emission Source:** furnace, boiler, or similar equipment used primarily for producing heat or power by indirect heat transfer.
- **Incinerator:** An apparatus in which refuse is burned.
- **Average:** the value that summarizes or represents the general condition of the emission source, or the general state of production of the emission source.
- **Maximum:** the greatest value attainable or attained for the emission source, or the period of greatest or utmost production of the emission source.

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.

Process Information

Name of Process: _____
Name of Emission Source Equipment: _____
Emission Source Equipment Manufacturer: _____
Model Number: _____
Flow Diagram Designation(s) of Emission Source: _____
Identity(s) of Any Similar Source(s) at the Plant or Premises Not Covered by the Form (If the Source is Covered by Another Application, Identify the Application):

_____

Operating Time of Emission Source	Hrs/day	Days/wk	Wks/yr
Average Operation			
Maximum Operation			

Percent of Annual Throughput

Dec-Feb (%)	Mar-May (%)	Jun-Aug (%)	Sept-Nov (%)

Raw Material Information

Name of Raw Material	Average Rate Per Identical Source (lb/hr)	Maximum Rate Per Identical Source (lb/hr)

Product Information

Name of Product	Average Rate Per Identical Source (lb/hr)	Maximum Rate Per Identical Source (lb/hr)

Waste Material Information

Name of Waste Material	Average Rate Per Identical Source (lb/hr)	Maximum Rate Per Identical Source (lb/hr)

Fuel Used Information

Fuel Used	Type	Heat Content
☐ Natural Gas	N/A	1000 Btu/scf
☐ Other Gas		Btu/scf
☐ Oil		Btu/gal
☐ Coal		Btu/lb
☐ Other		Btu/lb

Emission Information

Number of Identical Sources (Describe as Required):

_____

The Average Operation and Maximum Operation tables should not be completed if emissions are exhausted through air pollution control equipment.

Average Operation

Contaminant	Concentration OR Emission Rate Per Identical Source	Method Used to Determine Concentration or Emission Rate
Particulate Matter	☐ gr/scf ☐ lb/hr	
Carbon Monoxide	☐ ppm (vol) ☐ lb/hr	
Nitrogen Oxides	☐ ppm (vol) ☐ lb/hr	
Volatile Organic Material	☐ ppm (vol) ☐ lb/hr	
Sulfur Dioxide	☐ ppm (vol) ☐ lb/hr	
Other (Specify): _____	☐ ppm (vol) ☐ lb/hr	

Maximum Operation

Contaminant	Concentration OR Emission Rate Per Identical Source	Method Used to Determine Concentration or Emission Rate
Particulate Matter	☐ gr/scf ☐ lb/hr	
Carbon Monoxide	☐ ppm (vol) ☐ lb/hr	
Nitrogen Oxides	☐ ppm (vol) ☐ lb/hr	
Volatile Organic Material	☐ ppm (vol) ☐ lb/hr	
Sulfur Dioxide	☐ ppm (vol) ☐ lb/hr	
Other (Specify): _____	☐ ppm (vol) ☐ lb/hr	

Possible other contaminants are asbestos, beryllium, mercury, vinyl chloride, lead, etc.

Exhaust Point Information

This section should not be completed if emissions are exhausted through air pollution control equipment.

Flow Diagram Designation(s) of Exhaust Point: _____
Description of Exhaust Point (Location in Relation to Buildings, Direction, Hooding, etc.):

_____

Exit Height Above Grade: _____
Exit Diameter: _____
Greatest Height of Nearby Buildings:_____
Exit Distance from Nearest Plant Boundary: _____

Exhaust Point Operation	Exit Gas Temperature (°F)	Gas Flow Rate Through Exit (acfm)
Average Operation		
Maximum Operation		