Illinois Environmental Protection Agency

Air Pollution Control Equipment Data and Information

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 must be completed for each air pollution control equipment. A single form may be used for multiple control equipment where the information contained on this form is identical between the control equipment.

Complete and provide this form in addition to the applicable addendum form 260-A through 260-K. A separate form must be completed for each mode of operation of air pollution control equipment for which a permit is being sought.

General Information

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

Name of Air Pollution Control Equipment: _____
Flow Diagram Designation of Control Equipment: _____
Manufacturer of Control Equipment (if known): _____
Model Number (if known): _____
Serial Number (if known): _____

Actual or Planned Construction Date (Month/Year): _____
Actual or Planned Operation Date (Month/Year): _____
Actual or Planned Latest Modification Date (Month/Year): _____
Briefly Describe Modification (if applicable):

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.

List all emission units and other control equipment ducting emissions to this control equipment:

Name	Designation or Code Number

If the control equipment has more than one mode of operation, explain and identify which mode is covered by this form (note: a separate air pollution control equipment form 260-CAAPP must be completed for each mode):

Identify all attachments to this form related to this air pollution control equipment (e.g., technical drawings):

Operating Schedule

Identify any period when the control equipment will not be operating due to scheduled maintenance and/or repairs when the feeding emission unit(s) to this control equipment is/are in operation:

Identify any periods during operation of the feeding emission unit(s) when the control equipment is/are not used:

If the control equipment is not in operation at all times. that the emission unit(s) is/are in operation, explain:

Applicable Rules

Provide any specific emission standard or limitation, monitoring, testing, recordkeeping, and reporting requirement(s) set by rule(s) which are applicable to this control equipment (e.g., VOM, Emission Standard, 35 IAC 218.207(b)(1)):

Regulated Air Pollutant	Emission Standard, Monitoring, Testing, Recordkeeping, or Reporting	Requirement Citation

Compliance Information

If the control equipment is not in compliance with all applicable requirements, a 294-CAAPP form must be completed and submitted with this application.

Explain how initial compliance is to be, or was previously, demonstrated:

Explain how ongoing compliance will be demonstrated:

Capture and Control

Describe the capture system used to contain, collect, and transport emissions to the control equipment. Include all hoods, ducts, fans, etc. Also include the method of capture used at each emission point. If additional space is needed, attach and label as exhibit 260-2):

An attached flow diagram which includes the features of the capture system must be attached in the application labeled as Exhibit 260-3.

Control Performance:

Regulated Air Pollutant	Capture System Efficiency (%), Minimum	Capture System Efficiency (%), Typical	Control Equipment Efficiency (%), Minimum	Control Equipment Efficiency (%), Typical	Overall Reduction Efficiency (%), Minimum	Overall Reduction Efficiency (%), Typical

Attach the calculations, to the extent they are air emissions related, on which these efficiencies were based and label as exhibit 260-4.

Explain any other required limits on control equipment performance such as outlet concentration, coolant temperature, etc.:

Method used to determine each of the above efficiencies (e.g., stack test, material balance, manufacturer's guarantee, etc.) And the date last tested, if applicable:

	Efficiency Determination Method	Date Last Tested
Capture		
Control		
Overall		

Required Performance

Regulated Air Pollutant	Capture System Efficiency (%)	Control Equipment Efficiency (%)	Overall Reduction Efficiency (%)	Applicable Rule Citation

Explain any other required limits on control equipment performance such as outlet concentration, coolant temperature, etc.:

Emission Information

Provide the controlled emissions (e.g. the emissions that would result after all control and capture efficacies are accounted for).

Name of Regulated Air Pollutant	**Example: Particulate Matter**			
Typical Emission Rate (lbs/hr)	**4.00**			
Maximum Emission Rate (lbs/hr)	**5.00**			
Typical Emission Rate (ton/year)	**14.4**			
Maximum Emission Rate (ton/year)	**21.9**			
Typical Emission Rate, Other Terms (ppm, gr/dscf, etc.): _____	**0.24 gr/dscf**			
Maximum Emission Rate, Other Terms (ppm, gr/dscf, etc.): _____	**0.3 gr/dscf**			
Applicable Rule Citation	**35 IAC 212.321**			

Hazardous Air Pollutant Emission Information

Provide the controlled HAP emissions (e.g. the emissions that would result after all control and capture efficacies are accounted for).

Name of HAP Emitted	**Example: Benzene**			
Chemical Abstract Service (CAS) Number	**71432**			
Typical Emission Rate (lbs/hr)	**8.0**			
Maximum Emission Rate (lbs/hr)	**10.0**			
Typical Emission Rate (ton/year)	**0.8**			
Maximum Emission Rate (ton/year)	**1.2**			
Typical Emission Rate, Other Terms (ppm, gr/dscf, etc.): _____				
Maximum Emission Rate, Other Terms (ppm, gr/dscf, etc.): _____				
Applicable Rule Citation	**40 CFR 61.302(b)(d)**			

Exhaust Point Information

Description of exhaust point (stack, vent, roof monitor, indoors, etc.).
If the exhaust point discharges indoors, do not complete the remaining items.

Distance to nearest plant boundary from exhaust point discharge (ft): _____
Discharge height above grade (ft): _____
Good engineering practice (GEP) height, if known (ft): _____
Diameter of exhaust point (ft): _____
For a non-circular exhaust point, the diameter is 1.128 times the square root of the area.

Parameter	Maximum	Typical
Exit Gas Flow Rate (acfm)		
Exit Gas Temperature (degree Fahrenheit)		

Direction of exhaust (vertical, lateral, downward): _____

List all emission units and control devices served by this exhaust point:

Name	Flow Diagram Designation

Percentage of control equipment emissions ducted to this exhaust point (%)?_____

If the percentage of the control equipment emissions being ducted to the exhaust point is not 100%, then explain where the remaining emissions are being exhausted to:

The following information need only be supplied if readily available.
Longitude: _____
Latitude: _____
UTM Zone: _____
UTM Vertical (KM): _____
UTM Horizontal (KM): _____