



Illinois Environmental Protection Agency

Supplemental Form Air Pollution Control Equipment – Condenser

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

Data and Information

Flow Diagram Designation of Condenser: _____

Condenser Surface Area (square feet): _____

Refrigeration Capacity: _____

Describe Any Pretreatment of the Emission Stream Gas:

Names of Coolant(s) Used: _____

Average Temperature of Condensed Regulated Air Pollutant (Degrees Fahrenheit): _____

Briefly describe what happens to the condensed product:

Is this a Reflux Condenser, i.e., does condensed material return directly to the process from which it was generated? Yes No

Are Halogenated Organics Present? Yes No

Inlet Stream Parameters

Parameter	Maximum	Typical
Moisture Content (%)		
Relative Humidity (%)		

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.

Condenser Operating Parameters

Operating Parameter	During Maximum Operation of Feeding Unit(s)	During Typical Operation of Feeding Unit(s)
Inlet Gas Temperature (degrees Fahrenheit)		
Outlet Gas Temperature (degrees Fahrenheit)		
Inlet Gas Flow Rate (scfm)		
Inlet coolant temperature (degrees Fahrenheit)		
Outlet coolant temperature (degrees Fahrenheit)		
Coolant Flow Rate (gal/hr)		
Condensed Product (lb/hr)		
Efficiency (VOM reduction, %)		

Condenser Monitoring and Recordkeeping

Parameter to be Monitored (e.g. flow rate)		
Method of Measurement		
Unit of Measurement		
Monitoring Frequency		
Description of the Location of Each Monitor		
Verification Procedures to Confirm the Operational Status of the Monitoring		
Method of Recordkeeping (e.g. data logger, manual readings)		

If each monitor is not operated at all times the control equipment is in operation, explain:

Provide information on the most recent tests, if any. If additional space is needed, attach and label as exhibit 260E-1:

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: