

Emission Inventory

Each year, the Department of Environmental Protection (DEP) receives approximately 1,250 Annual Emission Statement reports from industrial sources. The paper reports average 7 to 10 pages and contain operating schedules, throughputs, emission estimates and other data. This data is manually entered into the Air Information Management System/Environment Facility Application Compliance Tracking System (AIMS/eFACTS) by DEP regional staff. The data is used for emission trend tracking to meet federal reporting requirements and sometimes for compliance and permitting purposes.

What Is AES*Online?

AES*Online is a secure Web site introduced in 2004 for online emissions data entry, data validation and reporting. It offers automatic data validation and error checking, document attachment and notes capabilities, online help, a printed user manual and a secure submission process. Data is automatically reviewed for completeness, and immediate feedback is provided to ensure a successful submission.

AES*Online is geared toward facilities that now collect their AES data manually or maintain it in hard copy throughout the year and then copy it by hand to the printed forms.

What Is AES*XML?

AES*XML is a secure Web site introduced in 2005 for completely automated, seamless emissions data reporting using eXtensible Markup Language in .xml format. It also offers automatic data validation and error checking, document attachment and notes capabilities, online help, a printed user manual and a secure submission process. **AES*XML** is designed for facilities that already use an automated or semi-automated method to collect and report AES data, such as a database or spreadsheet system. To use **AES*XML**, the facility user maps the data to the .xml specifications provided by the Bureau of Air Quality.

The resulting dataset is automatically generated as an .xml file with no additional data entry. With a few mouse clicks, the .xml file is uploaded to **AES*XML**, validated and submitted to DEP over the Internet.

Which Option Is Right For You?

DEP provides two electronic reporting options for your convenience, but also continues to accept the paper form of the Annual Emission Statement.

Determine which reporting option is most appropriate for your facility:

1. Use **AES*Online** if your facility has access to a personal computer with Internet access, and your emissions inventory data is now collected manually or maintained in hard copy throughout the year. This option is appropriate for all facilities, regardless of the size of their emissions inventories. DEP provides training and user help to get you started.
2. Use **AES*XML** if your facility has access to a personal computer with Internet access, and your emissions inventory data is now collected in database or spreadsheet format. This option is most attractive to facilities with larger emissions inventories, although facilities with any size inventory may participate. You must map your raw data to the .xml specifications provided by DEP to automatically generate your data in .xml format. DEP provides training and user help to assist you with this process.
3. Complete the paper form of the Annual Emission Statement and mail it to DEP if your facility does not have access to a personal computer with Internet access. DEP provides Inventory Instructions to assist you in completing your report. Forms for plants that have not submitted emission inventory information in previous years are included in the instruction booklet. Forms for plants that have reported emission inventory information in previous years are custom printed by DEP for each plant. Please e-mail Mike Rudawski at



mrudawski@state.pa.us
or call 717-783-9241
to order these forms.

How Do I Sign Up?

Contact the Bureau of Air Quality at 717-787-9702 to request a registration form. Forms may also be downloaded from the DEP Web site at <http://www.depweb.state.pa.us> (keyword Emission Inventory). Once the user has submitted a registration form, DEP staff will verify that the user is authorized by the company to submit and view company data. The user will then receive a confirmation letter or e-mail that describes how to access the **AES*Online** or **AES*XML** program through the DEP GreenPort. Access to the system is based on an assigned username and password that prevents unauthorized users from accessing any facility information.

For more information:

Visit www.depweb.state.pa.us

Keyword: "Emission Inventory"

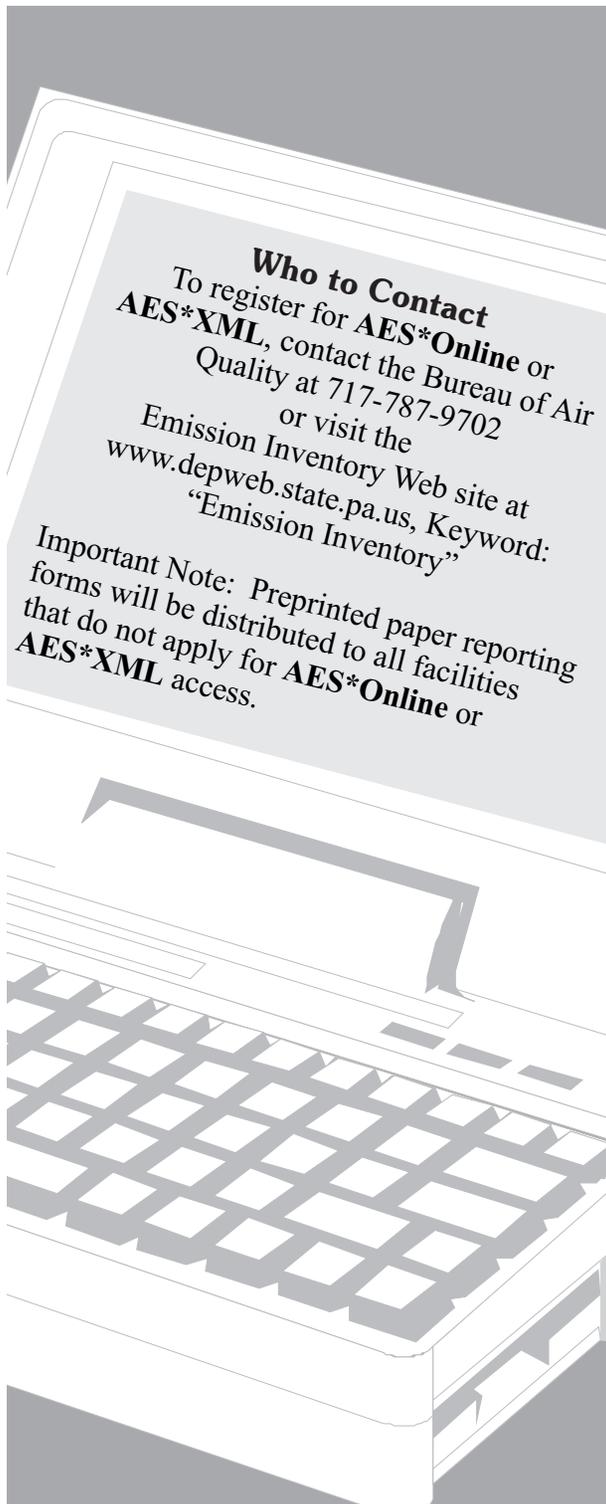
for more info including
upcoming training.



pennsylvania

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