



Introduction to Air Permitting and Reporting



Overview of Session Part 1

- ★ What operations need air permits, what is exempt
- ★ Types of permits
- ★ The permit application process
- ★ Permit recordkeeping and reporting
- ★ Questions

Break



Overview of Session Part 2

- ★ Recent changes to permitting process
- ★ Allowed construction
- ★ Air toxics and BAT
- ★ PTIO
- ★ Preview of Air Services system
- ★ Questions



Air Permitting Basics

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Basic permit facts

- ★ It is the company's obligation to determine if an air permit is needed.
- ★ It is the company's obligation to apply for, obtain and comply with permit.
- ★ Permit needed before installing equipment, second permit to continue operating.



Basic facts (continued)

- ★ Air permits are for specific equipment at that facility location.
- ★ New permit is needed if equipment is moved to new address. Moving it within the building is generally OK.
- ★ Permits can be transferred to a new owner.

Why Permits Are Important: Focus of EPA Inspections

- ★ Inspector will check if company is maintaining records required by air permits.
- ★ Inspector will check to see if everything that needs an air permit has one.



Common Air Quality Violations

- ★ Installing and operating equipment without obtaining proper permits.
- ★ Not maintaining records required by permits.
- ★ Exceeding permit limits.
- ★ Not maintaining air pollution control equipment.



What Needs an Air Permit?

- ★ No definitive list exists!
- ★ Permit needed for “*air pollution source*,” “*air contaminant source*” or “*emission unit*” = each separate activity or operation that emits air pollutants.
- ★ Permit is only for that air pollution source. Company may need several air permits to cover all plant operations.

What May Need an Air Permit?

4 Rules of Thumb:

- ★ Something with a stack, vent or dust collector.
- ★ Something that uses solvents, paints, inks or adhesives.
- ★ Something that burns fuel.
- ★ Something that causes smoke, dust or odors.



Common things needing permits



Boiler



Paint booth



Printing press



Dry cleaner



Stone crushing

Does Everything Need an Air Permit?

NO – three options for exemption:

1. Permanent exemptions (OAC 3745-31-03)
 - ★ Lists 45+ types of equipment and processes that do not need air permits.
 - ★ No EPA notification required.

Some things exempt under permanent exemptions...



Lab fume hoods

Boilers, water heaters
< 10 million Btu/hr



Storage tanks
<19,800 gallons

More examples....



Non-vented machining operations



Small solvent parts washers

Solvent reclaiming units
< 20 gallon capacity



Air permit exemptions (cont.)

2. Permit-by-rule exemption OAC 3745-31-03(A)(4)

- Emergency generators
- Plastic parts molding
- Small crushers
- Ground water/soil cleanup
- Auto body shops
- Gas stations
- Gas-fired boilers
- Printing shops

Simple 1-page notification to Ohio EPA required

Air permit exemptions (cont.)

3. “De minimis” source exemption (OAC 3745-15-05)

- ★ Emits less than 10 lbs/day of air pollutants and;
- ★ Less than 2000 lbs/yr of hazardous air pollutants.
- ★ Can't be subject to federal rules.
- ★ Requires emission calculations.



Air Permit Self-Assessment

1. Tour your plant to identify all air pollution sources using the 4 rules of thumb.
2. Determine what operations fit the permanent exemptions or permit-by-rule.
3. Determine if remaining operations can be de minimis by doing emission calculations.
4. Assume remaining sources need a permit.

Types of Air Permits

Permit to Install (PTI)

- ★ One-time permit needed before installing equipment.
- ★ For equipment installed after January 1, 1974, can be done years after installation.
- ★ 1-6 month processing time.
- ★ One-time fee.
- ★ Allows 18 months to start construction.

Types of Air Permits (cont.)

Permit to Operate (PTO)*

- ★ Allows continued operation after PTI.
- ★ 5-year term, renewable.
- ★ “Title V permit” = one big PTO for whole facility.

* Phased out after July 2008



New Type of Air Permit

Permit to Install and Operate (PTIO)

- ★ Covers both installation and operation.
- ★ For smaller, non-Title V facilities.
- ★ 5-10 year term, renewable.
- ★ Consolidates requirements.

Coming July 2008!



Permit Application Form Data

- ★ Company name, address.
- ★ Detailed description & diagram of equipment being installed/operated.
- ★ Usage rates of raw materials, fuels.
- ★ Production rates of finished products.
- ★ Description of pollution controls.
- ★ Estimate of types & quantities of emissions.



Permit Process

- ★ Company completes PTI application.
- ★ Submits to District Ohio EPA office.
- ★ District Office reviews for completeness within 14 days, notifies company.
- ★ District does technical review, writes permit, sends to Central Office (Columbus). 1-3 months.



Permit Process (cont.)

- ★ Central Office performs review, < 1 month; returns to district if needed.
- ★ Central Office issues permit either:
 - Final – usually within 2-4 weeks
 - Draft – published in local paper, 30-day public comment, adds 45+ days min before final is issued.



Permit Processing Pitfalls

- ★ Incomplete application (unsigned, wrong form, missing data, no process diagram).
- ★ Submitting application at last minute before starting construction.
- ★ Not anticipating public concern, possible draft permit adding time.



Tips for Faster Permits

General Permit option

- ★ “Canned permit,” can view beforehand
- ★ 45 day or less processing time
- ★ Simplified application form

Ohio EPA “Rush List”

- ★ Written demonstration of economic or financial hardship.

Tips for Faster Permits (cont.)

- ★ Make sure application is complete.
- ★ Meet with district office to discuss installation before submitting application.
- ★ Stay in contact with district permit engineer.
- ★ Promptly respond to requests for additional information.

Tracking Your Permit

1. Contact your local district office
2. Online through DAPC's Web site:

www.epa.state.oh.us/dapc/pti/ptimain.html



Air Permit Summary & Reporting

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Permits and Reporting

- ★ Permit Structure
- ★ Reporting Types
- ★ Fee Reports
- ★ Helpful Hints



Permit Structure

- ★ General terms and conditions
- ★ Facility specific requirements
- ★ Emissions Unit specific requirements
 - A. Summary Table
 - Emission unit description
 - Applicable rules
 - Emission limits



Permit Structure

- B. Operational restrictions
- C. Monitoring and/or record keeping requirements
- D. Reporting requirements
- E. Testing requirements
- F. Miscellaneous requirements



PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

- The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emission Limitations/Control Measures
N002 - Animal Crematory, ISI-1600, 200 pounds of waste per hour with an afterburner	OAC rule 3745-31-05(A)(3)	Particulate emissions (PE) shall not exceed 0.20 pound per hour and 0.88 Visible PE from the afterburner not exceed 5% opacity, as a 6-average. The requirements of this rule shall be in compliance with the requirements of rule 3745-17-09(B)&(C). See section A.2.a below. See section B.3 below. PE shall not exceed 0.10 pound per hour of material charged. See section B.3 below.
	OAC rule 3745-15-07	
	OAC rule 3745-17-09(B)&(C)	

2. Additional Terms and Conditions

- The hourly and annual criteria pollutant emission limitations were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, only the monitoring, record keeping and/or reporting requirements of the afterburner are necessary to ensure compliance with these emission limitations.

B. Operational Restrictions

- All material shall be incinerated in a controlled air, multi-chamber incinerator, or equivalent technology as approved by the Director, which provides complete

- The secondary combustion chamber temperature shall be maintained at 1600 degrees Fahrenheit or greater during each cremation cycle.
- The stack shall be designed to minimize any building down wash impacts from emissions and/or odors on employees and nearby residences. The design shall meet good engineering practices so as not to result in excessive concentrations of air contaminants and/or odors in locations at, near or, in such a configuration, as to affect any air intake for heating and cooling of buildings or at operable windows or doors.

C. Monitoring and/or Recordkeeping Requirements

- The permittee shall operate and maintain a continuous temperature monitor which measures the secondary combustion chamber temperature, in degrees Fahrenheit. The monitor shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations.

D. Reporting Requirements

- The permittee shall submit deviation (excursion) reports within 30 days of when the deviations occur, which provide the following information for each period during which the secondary combustion chamber exhaust gas temperature fell below the applicable limitations:
 - the date of the excursion;
 - the time interval over which the excursion occurred;
 - the temperature values during the excursion;

E. Testing Requirements

- Compliance with the emission limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:
 - Emission Limitation:
PE shall not exceed 0.20 pound per hour.

Applicable Compliance Method:
This limit is based on the maximum rated capacity of the emissions unit (200 pounds of waste per hour) multiplied by the allowable emission limit of 0.10 pound particulate/100 pounds charged.

F. Miscellaneous Requirements

None

Recordkeeping

- ★ Emissions unit specific or rule based
- ★ Designed to ensure equipment operates properly
- ★ Emissions tracking used to demonstrate ongoing compliance



Why Have Reporting Requirements?

- ★ Method of notifying regulatory authorities of the following:
 - ★ equipment malfunctions
 - ★ (un)scheduled maintenance
 - ★ emission releases
 - ★ failure to follow permit requirements
- ★ Fee reports



What Requires Operator to Submit a Report?

- ★ Permits:

- ★ quarterly, annual, other

- ★ Rules:

- ★ immediately, within 30 days, within 45 days

- ★ Federal rules:

- ★ quarterly, annual, other

- ★ Emergency Response



Where are Reporting Requirements Found?

- ★ Issued permit (PTI, PTIO, PTO, Title V):
 - ★ general terms and conditions (T&C)s
 - ★ emission unit specific T&Cs

- ★ Rules:
 - ★ OAC rules 3745-21-09, 3745-15-06, etc.
 - ★ federal rules MACT, NSPS, etc.



Permit Reports

Quarterly Deviations include departures from the following:

- ★ emission limits
- ★ operational restrictions
- ★ control device operating parameters



Permit Reports

Include for each quarterly deviation:

- ★ probable cause(s)
- ★ any corrective actions or preventative measures



Permit Reports

Negative declaration reports are needed.

- ★ “If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter...”
- ★ In other words, facilities must submit a report each and every quarter, regardless of whether or not deviations occurred

Rule Based Reports

- ★ Found in issued air permits
- ★ Reporting frequency will be specified
- ★ Examples:
 - ★ within 30 days, within 45 days, etc.
 - ★ See handout



Permit Reports

Synthetic minor facilities may have additional reporting

- ★ annual emissions
- ★ annual production
- ★ other unique reports



Malfunctions

- ★ Breakdown of control equipment that results in a violation (i.e., fabric filter, incinerator, carbon adsorber, etc.)
- ★ Scheduled/unscheduled maintenance to avoid a malfunction
- ★ Report malfunction immediately



Malfunctions

OAC 3745-15-06(B):

- ★ Notify Ohio EPA or Local Air Authority
- ★ Written report within 2 weeks if longer than 72 hours
- ★ If reported properly, then not included in quarterly deviation report



Malfunction Report Information

- ★ Identification of and location of source
- ★ Duration of breakdown
- ★ Quantity of release
- ★ Statement saying
 - ★ why shutdown of EU was not possible
 - ★ breakdown time is reasonable
 - ★ interim control measures used
 - ★ used PM&MA plan, if applicable

Fee Reports

- ★ Actual emissions determine fee
- ★ Different for Minor facilities and Synthetic Minor facilities
- ★ All fee reports are mailed in February and due April 15 (2008 extended until June 6)
- ★ Invoice sent later by Ohio EPA



Blue Sheets

- ★ Permittee reports emissions
- ★ Ohio EPA confirms and calculates fee
- ★ Invoice based upon the amount reported



Blue Sheets

- ★ 2 year reporting cycle (2004, 2006, 2008...)
- ★ Annual fees are:
 - ★ 0-9 tons = \$100.00
 - ★ 10-49 tons = \$200.00
 - ★ 50-99 tons = \$300.00
 - ★ 100 or more = \$700.00

Synthetic Minor Fee Reports

- ★ Permittee reports emissions
- ★ Ohio EPA confirms and calculates fee
- ★ Invoice based upon the amount reported



Synthetic Minor Fee Reports

- ★ Emissions are calculated on an emissions unit basis
- ★ Annual reporting cycle
- ★ Annual fee ranges from \$170.00 to \$3,350.00



Helpful Hints

- ★ Ohio EPA goal is compliance, NOT enforcement
- ★ Know your Ohio EPA contact
- ★ Applications:
 - ★ complete forms to allow for maximum operational flexibility
 - ★ fill out the forms to the best of your ability
 - ★ ask questions
 - ★ communicate urgency



Helpful Hints

- ★ Make recordkeeping as simple as possible
- ★ Develop a pattern for recordkeeping and report submittals
- ★ Foster a good relationship with neighbors



Questions?



Break

Be back in 15 minutes....



Air Program Changes and Updates

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Ohio EPA



S.B. 265 Changes to Air Permit Program

1. Construction prior to a PTI or PTIO.
2. Air toxic emissions updates.
3. Best Available Technology (BAT) changes.
4. Permit-to-Install and Operate (PTIO)
5. Permit Evaluation Report (PER)
6. Air Services



Construction Activities

Current rules allow the following...

- ★ Clear site (vegetation, buildings, equipment);
- ★ Grading and site prep for foundations;
- ★ Excavating footers, pilings, foundations, pads, and platforms, etc.
- ★ Concrete forms and re-bar (no pouring!!)
- ★ Landscaping
- ★ Utility poles by a utility company.



Construction Activities

Current rules also allowed the following...

- ★ Temporary site access roads/parking; equipment storage areas;
- ★ Temporary utilities for construction activities;
- ★ Temporary construction dust control systems (sprinklers, etc.);
- ★ Temporary erosion and sedimentation control (hay bales, silt fences, rip-raps, sandbags).



Construction Activities

Since Dec. 1, 2006, OAC 3745-31-33 specifies:

- ★ No changes for “MAJOR” sources.
(No newly approved construction activities apply.)
- ★ New provisions for “MINOR”* sources.
(Additional activities allowed.)

**minor here does not apply to a: major modification, major stationary source, synthetic minor, or netting project*

Construction Activities

Construction activities now approved for “minor” sources allow almost everything except utilities hook-up and operation.

- ★ For any air contaminant source/control equipment, you can install:
 - ▶ Electrical up to the service panel;
 - ▶ Piping and sewers up to the point of connection; and
 - ▶ Inlet air and exhaust duct work with the exception of final connections.
- ★ Site drainage systems for underground storm drains, headwalls and catch basins (must obtain necessary storm water permits first).

Construction Activities

Additional activities for “minor” sources...

- ★ Equipment that is a component of an air contaminant source/control may be delivered to the site prior to PTI issuance if:
 - ▶ It is to be installed in an existing building, then it may be placed in its final location and secured.
 - ▶ If it is to be installed in a building that has not yet been built, then it can either be secured on the foundation of its final site or placed anywhere on the property.

Reminder: No utilities, piping, or duct work may be connected and equipment cannot be operated.

Ohio's Air Toxics Policy

In the past....

- ★ Ohio's Air Toxics Policy - Review any of the 700+ compounds in the ACGIH book.

Effective Dec. 1, 2006 [OAC 3745-114-01] ...

- ★ 303 toxic compounds.



Ohio's Air Toxics Policy

Implemented in accordance with OAC 3745-114-01
and ORC 3704.03 (F)(4)(a)

- ★ Must use “Option A” (same as before).
- ★ Applicant provides toxic information in application.
- ★ Emission limits and restrictions are needed in PTI/PTIOs under specific circumstances.



Ohio's Air Toxics Policy

Sources exempt from these requirements:

- ★ If MACT, BACT, LAER for that air contaminant is applicable
- ★ Parking lots
- ★ Storage piles
- ★ Storage tanks
- ★ Transfer operations
- ★ Grain silos & dryers
- ★ Emergency generators
- ★ Gasoline dispensing operations
- ★ Emissions solely from the combustion of fossil fuels
- ★ Emission of wood dust, sand, glass dust, coal dust, silica, and grain dust.

Ohio's Air Toxics Policy

- ★ >1 ton per year allowed under permit
- ★ <1 ton per year policy is to not to perform an analysis unless it is an extremely toxic substance.
- ★ Will continue policy at this time although the law is silent.



Ohio's Air Toxics Policy

- ★ Step 1: Is source exempt?
- ★ Step 2: Will source emit a regulated air contaminant >1 ton/year?
- ★ Step 3: Review Option A and Eng Guide 69
- ★ Step 4: Run the model or contact DO/LAA for assistance



Background

- ★ PTI content based on two principals:
 - I. Requirements from rules
 - II. BAT analysis (case-by-case)
 - ▶ Usually an emission limitation
 - ▶ Analysis of similar sources
 - ▶ Consistent BAT requirement developed

Changes to BAT

Effective Aug. 3, 2006 *[ORC 3704.03 (T)]*

- ★ <10 ton/yr controlled... no BAT analysis.

- ★ Beginning Aug. 3, 2009:
 - ▶ BAT shall be no more stringent than MACT, BACT or LAER.
 - ▶ BAT can only be required on sources if Ohio EPA has developed rules.

Changes to BAT

- ★ Development of BAT rules are just beginning
- ★ Watch for upcoming changes on website:
 - ★ *What's New:* <http://www.epa.state.oh.us/dapc/page/whatsnew.html>
 - ★ *Regulations:* <http://www.epa.state.oh.us/dapc/regs/regs.html>
- ★ Get on our Interested Party List
 - ★ <http://www.epa.state.oh.us/rules.html>



Latest Changes to Air Permitting

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Current Frustrations

- ★ Need to modify both PTI and PTO
- ★ Where is my permit?
- ★ Quarterly, semi-annual or annual reports?
- ★ Different renewal dates for each unit
- ★ Paper, Paper, Paper!!!!



PTIO: What?

- ★ Permit to Install and Operate (PTIO)
 - ★ allows installation and operation
 - ★ minor and Synthetic Minor facilities
 - ★ one application
 - ★ simple modifications
 - ★ PTIO will replace all previous PTI and PTO permits for an emissions unit over time
 - ★ quarterly reporting to annual
 - ★ grouped permit terms for identical units

PTIO: What?

- ★ Entire facility renews on same date
 - ★ all PTIOs expire on the same date
 - ★ renewal applications will be due together
- ★ 10 yr renewal for minor sources
- ★ 5 yr renewal for Synthetic Minor sources

PER

- ★ Permit Evaluation Report (PER)
 - ★ annual report for deviations
 - ★ will replace most quarterly reports
 - ★ covers all units issued a PTIO

- ★ Does not replace rule-based reporting



PER

- ★ OEPA will mail:
 - ★ reminder and PER form
 - ★ only units that have been issued a PTIO
- ★ Will ask for specific information
- ★ Due date is one of 4 days during year



PER-Page 1



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Annual Permit Evaluation Report (PER)

Due Date: [PER Due Date]

Reporting Period: [Reporting Period Start Date] - [Reporting Period End Date]

Facility Name: [Facility Name]

Facility ID: [Facility ID]

Facility Address: [Facility Address Line 1]
[Facility Address Line 2]
[Facility City, State Zip]

Primary Contact: [Primary Contact First Name, Last Name]

Mailing Address: [Primary Contact Address Line 1]
[Primary Contact Address Line 2]
[Primary Contact City, State Zip]

Phone: [Primary Contact Phone]
E-mail Address: [Primary Contact E-mail]

The facility address information given above was populated by Ohio EPA's most current database of information. If the above information has changed or is incorrect, please indicate the correct information below. You may also complete this PER electronically using the eBusiness Center - Air Services at ebiz.epa.ohio.gov on the Internet.

Indicate changes below.

Facility Name:	
Facility Address:	
Reason for Facility Address Change:	
Primary Contact:	
Mailing Address:	
Phone Number:	
E-mail Address:	

★ Basic facility information pre-populated

★ Identify if changes needed in box below

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State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Annual Permit Evaluation Report (PER)

Table I: Emissions Units with Issued PTIOs

EU ID*	EU Description	Company Equipment ID	Permit Number	PTIO Effective Date
[EU ID]	[Description]	[Company ID]	[Permit Number]	[Effective Date]

* List any additional emissions units (EUs) that have been issued a PTIO that are not included in the list above.

A "Detailed Emissions Unit (EU) Form" (attached) must be submitted for each EU listed in Table I to satisfy PER reporting obligations. In addition to the PER, please remember that your PTIOs may specify other state or federal reporting requirements.

Additional Information and Corrections:

Please list below any additional information you need to communicate with Ohio EPA. At a minimum, identify if you have any EU(s) that were permanently shutdown, EU(s) that will not be installed or modified, or EU(s) not in operation during the reporting period. See the "Annual Permit Evaluation (PER) Form FAQs" document for an explanation and additional examples or relevant information.

Report Responsibility:

This PER, including any accompanying information, is required under the authority of the director of the Ohio Environmental Protection Agency. [Ohio Revised Code 3704.03(I)] Failure to submit this PER, including any accompanying information, or falsifying this PER, including any accompanying information, may result in civil or criminal penalties in accordance with applicable state law.

Assistance With This Form:

If you have any questions please see the attached "Annual PER Form FAQs" document or contact [DO/LAA Long Name] at [DO/LAA Phone].

★ Emissions Unit(s) table pre-populated

★ Box to identify any additional info/corrections

★ Responsibility language

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State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Annual Permit Evaluation Report (PER)

Detailed Emissions Unit Form(s)

PER Reporting Period: *[Reporting Period Start Date] - [Reporting Period End Date]*

Detailed Emissions Unit Form Instructions*:

1. Please complete questions A and B for each emissions unit (EU) that has been issued a PTIO. In addition, either confirm the accuracy of the information provided or change the information accordingly.
 2. If you indicated "yes" for question A or B, for each deviation or exceedance that occurred during the reporting period, please provide an attachment with the following information:
 - a. EU ID;
 - b. dates and/or duration;
 - c. description of deviation or exceedance including probable cause;
 - d. description of corrective action(s) if taken; and
 - e. if no corrective action(s) were taken, then why not?
 3. If applicable, for each visible emission (VE) incident that occurred during the reporting period, please provide an attachment with the following information:
 - a. EU ID;
 - b. dates and/or duration; and
 - c. additional information as required per the applicable PTIO.
- * For further explanation, or if you have any questions, please see the attached "Annual PER Form FAQs" document or contact **[DO/LAA Long Name]** at **[DO/LAA Phone]**.

PER Detailed EU Form

EU ID: [EU ID]

Facility ID: [Facility ID]

EU Description: [Emissions Unit Description]

Permit Number: [Permit Number]

PTIO Effective Date: [PTIO Effective Date]

Please provide date below if not present.

Completion of initial installation date:	[FP EU Complete Installation]
Begin installation/modification date:	[FP EU Begin Installation]
Commence operation after installation or latest modification date:	[FP EU Commence Operation]

Were there any deviations or exceedances from the following PTIO requirements?

- A. Operational restrictions or emission limitations? Yes___ No___
- B. Monitoring, record keeping, or reporting requirements? Yes___ No___
- C. If Yes for A or B above, then submit the appropriate information as specified in #1 and #2 above. If any visible emission incident occurred during the reporting period, then submit the appropriate information as specified in #3 above.

- ★ Complete a detailed emissions unit form for each emissions unit with a PTIO
- ★ Instructions at top of form
- ★ Fields in [brackets] are pre-populated



PER-Page 3+



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Annual Permit Evaluation Report (PER)

Detailed Emissions Unit Form(s)

PER Reporting Period: *[Reporting Period Start Date] - [Reporting Period End Date]*

Detailed Emissions Unit Form Instructions*:

1. Please complete questions A and B for each emissions unit (EU) that has been issued a PTIO. In addition, either confirm the accuracy of the information provided or change the information accordingly.
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PER Detailed EU Form

EU ID: [EU ID]

Facility ID: [Facility ID]

EU Description: [Emissions Unit Description]

Permit Number: [Permit Number]

PTIO Effective Date: [PTIO Effective Date]

Please provide date below if not present.

Completion of initial installation date:	[FP EU Complete Installation]
Begin installation/modification date:	[FP EU Begin Installation]
Commence operation after installation or latest modification date:	[FP EU Commence Operation]

Were there any deviations or exceedances from the following PTIO requirements?

- A. Operational restrictions or emission limitations? Yes___ No___
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- C. If Yes for A or B above, then submit the appropriate information as specified in #1 and #2 above. If any visible emission incident occurred during the reporting period, then submit the appropriate information as specified in #3 above.

- ★ Complete a detailed emissions unit form for each emissions unit with a PTIO
- ★ Fields in [brackets] are pre-populated

PER-Deviations or Exceedances

Were there any deviations or exceedances from the following PTIO requirements?

A. Operational restrictions or emission limitations? Yes ___ No ___

B. Monitoring, record keeping, or reporting requirements? Yes ___ No ___

C. If Yes for A or B above, then submit the appropriate information as specified in #1 and #2 above. If any visible emission incident occurred during the reporting period, then submit the appropriate information as specified in #3 above.

- ★ Answer "YES" or "NO"
- ★ If "YES", attach information identified in instructions:
 - ▶ Dates, duration, probable cause, corrective action information

Air Services: What?

- ★ New optional web-based system for applications, reporting and more!
 - ★ Log-in to your facility
 - ★ Complete application, report, etc.
 - ★ Click Submit
 - = instant electronic submittal

No paper printing, no paper signature, no mailing!



Air Services: How?

★ Go to eBusiness Center

★ Step 1: Create account

★ Step 2: Request a PIN

▶ Complete simple online form

▶ print out

▶ take to notary with ID

▶ send to Ohio EPA

▶ you get a PIN number back = your signature

★ Step 3 – request access to Air Services and your facility

▶ simple online request

Air Services: How?

- ★ PIN gives you access to your facility information
 - ▶ Only person responsible for facility needs a PIN
 - ▶ Person with PIN can give other account holders (Step 1) permission to prepare documents, but not submit, OR
 - ▶ Person with PIN can give other account holders with PIN (Steps 1 and 2) permissions to prepare and submit



Air Services: How?

What can you do?

Generate and submit:

- ★ applications: PTIO, permit-by-rule, general permits, admin modifications, corrections to applications.
- ★ reports: fee emissions, PER and ALL others you may have.
- ★ Changes to owners/contacts



Air Services: How?

What can you do?

View:

- ★ all your emissions units
- ★ previously submitted applications
- ★ permits
- ★ historical facility make-up
- ★ progress of your application at Ohio EPA
- ★ and much, much more!



Air Services: How?

- ★ Ohio EPA migrates all existing electronic data into Air Services = Gives you a starting point !
 - ★ your emissions units, control equipment, egress points, etc.
 - ★ contacts, owners, operators
 - ★ historical applications
 - ★ historical permit documents
 - ★ historical fee reports



Air Services Home Page

[Help](#)

Air Services Home

Application Detail

- [Owner/Contact](#)
- [Application\(s\)](#)
- [Permit\(s\)](#)
- [Emissions Report\(s\)](#)
- [Reporting Category](#)
- [Compliance Reports](#)
- [Facility Profile History](#)
- [Event Logs](#)
- [References](#)

[Air Services Home](#) >
Air Services Home

Look at your
"Facility Profile"
= what OEPA

Facility Information

Facility Name: Knox Community Hospital
Address1: 1330 Coshocton Rd
City: Mount Vernon **State:** Ohio **Zip:** 43050 **County:** Knox
Facility ID: 0142010014
Address2:

sees

View Frozen Facility

In Progress Tasks

Select	Task Type	Task Description	Dependent on Task	Created Date	User Name
<input type="radio"/>	Facility Change	Facility Profile Change	N/A	Apr 18, 2008	dapc14
<input type="radio"/>	PTI/PTIO Permit Application	PTI/PTIO Application	Facility Profile Change	Apr 18, 2008	dapc14

Buttons: Delete, Printable view, Export to excel

New Tasks

Select from the list below to create a new task

- [Facility Profile Change](#)
- [Owner/Contact Change](#)
- [Permit-by-rule \(PBR\) Notification](#)
- [PTI/PTIO Permit Application](#)
- [TV Permit Application](#)
- [Request Administrative Permit Modification](#)
- [Emissions Report](#)
- [Permit Evaluation Report \(PER\)](#)
- [Title V Annual Compliance Certification Report \(TVCC\)](#)
- [Other Compliance Report](#)

access
history & info

start
applications,
reports, etc.

Facility Profile Page

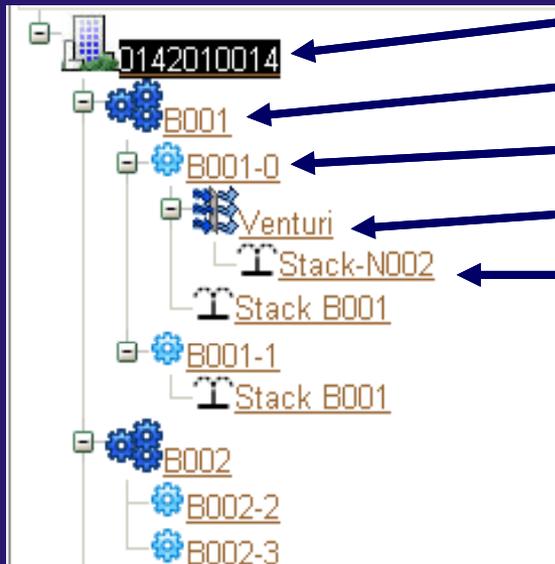
The screenshot displays the Facility Profile Page for Facility ID 1431070849, University of Cincinnati. The page is divided into several sections:

- Navigation Menu (Left):** Includes links for Emission Units, Control Equipment, Egress Points, and Federal Rules. An arrow points to this menu with the text "access summary info".
- Facility Tree (Left):** A hierarchical tree structure showing various emission units (e.g., 8005, 8005-0, 8005-1, 8005-2-TEMP, UCC02, 8006, 8007, 8008, 8009, 8010, 8011, 8012, 8013, 8014, 8015, 8016, 8017, 8018, 8019, 8019-3, 8019-4, 8019-5-TEMP, UCC01, 8020, 8020-6). An arrow points to this tree with the text "Facility Tree".
- Facility Summary (Top Right):** Displays key information: Facility ID: 1431070849, Facility Name: University of Cincinnati, Current Permitting Classification: TV, Operating Status: Operating, Facility Profile Start Date: 3/11/2008, Facility Profile End Date: Current.
- Facility Information (Main Content):** Provides detailed data: Facility ID: 1431070849, Facility Name: University of Cincinnati, Facility Description: University power plants, Address1: Clifton Campus, Address2: Clifton Campus, City: Cincinnati, State: Ohio, Zip: 45221, Country: Hamilton, Portable: , Operating Status: Operating, Permitting Classification: TV, PER Due Date: Not Applicable, Transitional Status: Extended, Title V Permit Status: Extended, Title V Certification Report Due Date: April 30, Emissions Reporting Category for 2007: TV, Status: Reminder Sent, Anticipated Emissions Reporting Category for 2008: TV. An arrow points to this section with the text "basic facility info".
- Facility Details (Main Content):** Includes Core Place ID: 21097, Latitude and Longitude (Latitude Degree: 39, Minute: 8, Second: 2.0; Longitude Degree: 84, Minute: 30, Second: 33.0), SIC (8221 Colleges And Universities), and NAICS (611310 Colleges, Universities, and Professional Schools). Each section includes reference information and buttons for Printable view and Export to excel.
- Actions (Bottom):** Includes buttons for Edit, Validate, Submit, Show Profile Report, Create Emissions, Create Control Equipment, and Create Egress Point.

Facility Tree Concept

Represents the operations at your facility

- ★ We start it for you (migrated data)
- ★ You maintain it – add emissions units, etc
- ★ Use it to do all your tasks – apply for permits, fee reports, etc.



Facility ID = hyperlink to the Facility Profile

Emissions Unit

Process = SCC

Control Equipment

Egress Point = stack or fugitive



Click on IDs to open page with specific information

Apply for Permits

★ Air Services Home

- ★ New Task – click “PTI/PTIO Application”
- ★ Can copy from a previously submitted application – shortcut!
- ★ Can copy information for similar emissions units – shortcut!
- ★ Fill out application fields – same as the paper version
- ★ Click “Save”



Complete Compliance Reports

- ★ Air Services Home

- ★ New Task – click “Permit Evaluation Report (PER)”
- ★ Fill out PER fields – same as the paper version
- ★ Some fields pre-populated for you
- ★ Click “Save”



Save, Validate and Submit Documents

- ★ Save for as long as you want before submitting
- ★ All “In progress tasks” (saved documents) are NOT viewable by Ohio EPA until you submit
- ★ Click “Validate” – ensures minimum fields complete
- ★ Submit and enter PIN
- ★ INSTANT SUBMITTAL!!!

★ No paper copies to print, sign and mail.



Cool Stuff

- Emission Units
- Control Equipment
- Egress Points
- Federal Rules

Facility > >

Emission Units

Facility ID: 0142010014 Current Permitting Classification: TV Facility Profile Start Date: 4/15/2008
 Facility Name: Knox Community Hospital Operating Status: Operating Facility Profile End Date: Current

DAPC Emissions Unit ID	DAPC Description	Company Equipment ID	Company Description	Operating Status	PTI Status	Permit Status	Title V EU Classification	Exemption Status	Completion of Initial Installation Date
B001		B001	Boiler #1 (6.28 MMBtu/hr) Gas #2 Fuel oil Boiler	Operating	None	Active Title V PTO	Insignificant	Exempt	8/1/1983
B002		B002	Boiler #2 (6.28 MMBtu/hr Gas #2 Fuel oiler Boiler)	Operating	None	Active Title V PTO	Insignificant	Exempt	
B003		B003	Boiler #3 3.00MMBtu/hr Gas Boiler	Operating	None	Active Title V PTO	Insignificant	Exempt	
B004		B004	Emergency Power Diesel Engine	Operating	PBR	Active Title V PTO	Insignificant	Exempt	1/5/2000
N001		N001	Incinerator #1 Simmonds Model 750 Incinerator	Operating	None	Active Title V PTO	Not Applicable	NA	
N002		N002	Wet Scrubber	Permanently Shutdown	None	Active Title V PTO	Non-insignificant	NA	3/1/1990
P004		Boiler #1	My big boiler	Not Yet Installed					
T002		Boiler #1	80 mmBTU oil boiler	Not Yet Installed					
T005		Boiler #2	100 mmbTU oil boiler	Not Yet Installed					
T009		Boiler #1	80 mmbtu boiler	Operating					
T010		Boiler #1	80mmbtu Boiler	Not Yet Installed					
TMP262577		Boiler#2	describe me	Not Yet Installed					
TMP262578		Boiler#3	My boiler	Not Yet Installed					
TMP262579		Boiler#4	my boiler	Not Yet Installed					

Printable view

Export to excel

EMISSIONS UNITS

- ★ Table of all emissions units at facility
- ★ Click on ID to view their information

Cool Stuff

EVENT LOG

- ★ Track progress of applications, permits, reports, etc.

Air Services Home > >

Event Logs

Facility ID: 1431070849 Current Permitting Classification: TV Facility Profile Start Date: 3/11/2008
Facility Name: University of Cincinnati Operating Status: Operating Facility Profile End Date: Current

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Date	Staff	Event Type	Note
03/13/2008 07:21:12	Kramer, Mike	Permitting Event	Task DO/LAA Preliminary Review in Permitting1304 complete.
03/13/2008 07:21:12	Kramer, Mike	Permitting Event	Task DO/LAA Preliminary Review in Permitting1304 complete.
03/13/2008 07:21:13	Kramer, Mike	Permitting Event	Task DO/LAA Preliminary Review in Permitting1304 complete.
03/14/2008 12:32:08	Air, Legacy	Permit Application Received Event	Permit application number PBR04218 has been received.
03/14/2008 12:32:09	Air, Legacy	Permit Application Received Event	Permit application number PBR04219 has been received.
03/14/2008 12:32:11	Air, Legacy	Permit Application Received Event	Permit application number PBR04220 has been received.
03/14/2008 12:32:12	Air, Legacy	Permit Application Received Event	Permit application number PBR04221 has been received.
03/14/2008 12:32:13	Air, Legacy	Permit Application Received Event	Permit application number PBR04222 has been received.
03/14/2008 12:32:15	Air, Legacy	Permit Application Received Event	Permit application number PBR04223 has been received.
03/14/2008 12:32:16	Air, Legacy	Permit Application Received Event	Permit application number PBR04224 has been received.
03/14/2008 12:32:18	Air, Legacy	Permit Application Received Event	Permit application number PBR04225 has been received.
03/14/2008 12:32:19	Air, Legacy	Permit Application Received Event	Permit application number PBR04226 has been received.
03/14/2008 12:32:20	Air, Legacy	Permit Application Received Event	Permit application number PBR04227 has been received.
03/14/2008 12:32:22	Air, Legacy	Permit Application Received Event	Permit application number PBR04228 has been received.
03/14/2008 12:32:23	Air, Legacy	Permit Application Received Event	Permit application number PBR04229 has been received.
03/14/2008 12:32:25	Air, Legacy	Permit Application Received Event	Permit application number PBR04230 has been received.
03/14/2008 12:32:26	Air, Legacy	Permit Application Received Event	Permit application number PBR04231 has been received.
03/14/2008 12:32:27	Air, Legacy	Permit Application Received Event	Permit application number PBR04232 has been received.
03/14/2008 12:32:29	Air, Legacy	Permit Application Received Event	Permit application number PBR04233 has been received.
03/14/2008 12:32:30	Air, Legacy	Permit Application Received Event	Permit application number PBR04234 has been received.
03/14/2008 12:32:32	Air, Legacy	Permit Application Received Event	Permit application number PBR04235 has been received.
03/14/2008 12:32:33	Air, Legacy	Permit Application Received Event	Permit application number PBR04236 has been received.
03/14/2008 12:32:34	Air, Legacy	Permit Application Received Event	Permit application number PBR04237 has been received.
03/14/2008 12:32:36	Air, Legacy	Permit Application Received Event	Permit application number PBR04238 has been received.
03/14/2008 12:32:37	Air, Legacy	Permit Application Received Event	Permit application number PBR04239 has been received.

Printable view Export to excel

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Air Services Home | Facility | Help

Cool Stuff

The screenshot shows a web application interface for 'Air Services Home'. The main content area displays details for a facility with ID 1431070849, named 'University of Cincinnati'. It lists the current permitting classification as 'TV' and the operating status as 'Operating'. Facility profile dates are also shown: start date 3/11/2008 and end date 'Current'. Below this, a table lists two applications submitted by the Hamilton County Dept. of Environmental Services. The first application, AC029324, was received on 3/9/2005. The second, AC029323, was received on 5/26/1998. Both are 'Title V PTO Application' types. The table includes columns for request number, DO/LAA, county, request type, received date, submitted status, previous application number, and general permit. Navigation links for 'Printable view' and 'Export to excel' are provided below the table. A breadcrumb trail at the bottom reads: 'Air Services Home | Application Detail | Compliance Report | Help'.

[Air Services Home](#) > > **Application(s)**

Facility ID: 1431070849 Current Permitting Classification: TV Facility Profile Start Date: 3/11/2008
Facility Name: University of Cincinnati Operating Status: Operating Facility Profile End Date: Current

Request number	DO/LAA	County	Request Type	Received Date	Submitted?	Previous application number	General permit
AC029324	Hamilton County Dept. of Environmental Services	Hamilton	Title V PTO Application	3/9/2005	Yes	NA	
AC029323	Hamilton County Dept. of Environmental Services	Hamilton	Title V PTO Application	5/26/1998	Yes	NA	

[Printable view](#) [Export to excel](#)

[Air Services Home](#) | [Application Detail](#) | [Compliance Report](#) | [Help](#)

APPLICATION(S)

- ★ Table of all applications submitted (even historical)
- ★ Click on link to view them as submitted

Cool Stuff

PERMIT(S)

- ★ Table of all permits issued draft or final (even historical)
- ★ Click on link to view them

[Air Services Home](#)

- [Owner/Contact](#)
- [Application\(s\)](#)
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- [Facility Profile History](#)
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- [References](#)

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Permit(s)

Facility ID:

Facility Name:

Current Permitting Classification: TV

Operating Status: Operating

Facility Profile Start Date: 3/11/2008

Facility Profile End Date: Current

Permit Number	Type	Draft Issuance		PP Issuance		PPP Issuance		Final Issuance	
		Date	Document	Date	Document	Date	Document	Date	Document
PBR04258	PBR								
P0026242	State PTO							2/17/1995	
P0026243	State PTO							2/17/1995	
P0026244	State PTO							2/17/1995	
P0098001	TV PTO	1/31/2001	To be Issued Draft Title V Permit	4/18/2001	To be Issued Proposed Title V Permit	3/23/2001	To be Issued Preliminary Proposed Title V Permit	6/20/2001	To be Issued Final Title V Permit
P0026245	State PTO							2/17/1995	
P0026246	State PTO							2/17/1995	
P0026247	State PTO							2/17/1995	
P0026248	State PTO							2/17/1995	
P0026249	State PTO							2/17/1995	
P0026250	State PTO							3/31/1995	
P0026251	State PTO							2/17/1995	
P0026252	State PTO							2/17/1995	
P0026253	State PTO							2/17/1995	
P0026254	State PTO							2/17/1995	
P0026255	State PTO							2/17/1995	
P0026256	State PTO							2/17/1995	
P0098002	TV PTO								
P0026257	State PTO							2/17/1995	
P0026258	Registration							2/26/1993	
P0026259	Registration							1/22/1993	
P0026260	Registration							1/22/1993	
P0026261	Registration							1/22/1993	
P0026262	Registration							1/22/1993	
P0026263	Registration							1/22/1993	

[Printable view](#) [Export to excel](#)

Cool Stuff

★ More Summary Tables with links to:

- ▶ Emissions Reports
- ▶ Compliance Reports
- ▶ Control Equipment
- ▶ Egress Points

★ References Page with links to:

- ▶ Guidance documents
- ▶ EAC forms
- ▶ Tools
- ▶ More!!!

★ ONLINE HELP!!!



Air Services and PTIO: When?

- ★ Applications available in May 2008
- ★ Air Services available and PTIOs issued after June 30, 2008



Air Services and PTIO Information

★ PTIO electronic news via email

- e-mail majordomo@lists.epa.state.oh.us
- enter “subscribe PTIO” as the message

★ PTIO info website:

<http://www.epa.state.oh.us/dapc/permits/ptio.html>

★ Air Services info website:

<http://www.epa.state.oh.us/dapc/airservices/>

Questions?

