



08/13/2026

Matthew Taylor
GT Trade LLC
1919 Thines St.
Cincinnati, OH 45209

RE: DRAFT AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 1431074187
Permit Number: P0141178
Permit Type: Initial Installation
County: Hamilton

No	TOXIC REVIEW
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
No	NSPS
No	NESHAPS
No	NETTING
No	MODELING SUBMITTED
No	SYNTHETIC MINOR TO AVOID TITLE V
No	FEDERALLY ENFORCABLE PTIO (FEPTIO)
No	SYNTHETIC MINOR TO AVOID MAJOR GHG

Dear Permit Holder:

A draft of the Ohio Administrative Code (OAC) Chapter 3745-31 Air Pollution Permit-to-Install and Operate (PTIO) for the referenced facility has been issued for the emissions unit(s) listed in the Authorization section of the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the permit. A public notice will appear in the Ohio Environmental Protection Agency Weekly Review and Public Notices website, [Weekly Review and Public Notices](#). A copy of the public notice and the draft permit are enclosed. This permit can be accessed electronically on the Ohio EPA document search webpage: [eDocument Search | Ohio Environmental Protection Agency](#). Comments will be accepted as a marked-up copy of the draft permit or in narrative format. Any comments must be sent to the following:

Andrea Moore
Permit Review/Development Section
Ohio EPA, DAPC
50 West Town Street Suite 700
PO Box 1049
Columbus, Ohio 43216-1049

and

Southwest Ohio Air Quality Agency
1701 Patricia McCollum Way
DEPT 56
Cincinnati, OH 45237

Comments and/or a request for a public hearing will be accepted within 30 days of the date the notice appears on the Ohio EPA Weekly Review and Public Notices website, [Weekly Review and Public Notices | Ohio Environmental Protection Agency](#). You will be notified if a public hearing is scheduled. A decision on issuing a final permit-to-install will be made after consideration of comments received and oral testimony if a public hearing is conducted. Any permit fee that will be due upon issuance of a final Permit-to-Install is indicated in the Authorization section. Please do not submit any payment now. If you have any questions, please contact Southwest Ohio Air Quality Agency at (513)946-7777.

Sincerely,

Robert Hodanbosi
Chief, Division of Air Pollution Control

cc: U.S. EPA Region 5 Via E-Mail Notification
SWOAQA; Indiana; Kentucky



Permit Number: P0141178

Facility Name: GT Trade LLC

Facility ID: 1431074187

Effective Date: To be entered upon final issuance

PUBLIC NOTICE

The following matters are the subject of this public notice by the Ohio Environmental Protection Agency. The complete public notice, including any additional instructions for submitting comments, requesting information, a public hearing, or filing an appeal may be obtained at: [Weekly Review and Public Notices | Ohio Environmental Protection Agency](#) or Hearing Clerk, Ohio EPA, 50 W. Town St., Columbus, Ohio 43215. Ph: 614-644-3037 email: HClerk@epa.ohio.gov

Draft Air Pollution Permit-to-Install and Operate Initial Installation

GT Trade LLC
1919 THINNES STREET
Cincinnati, OH 45214

ID#: P0141178

Date of Action: 08/13/2026

Permit Desc: Initial installation PTIO for a 200 lbs./hr. Human Crematory (General Permit GP 23.1).

The permit can be accessed electronically and comments may be submitted at:
<https://ohioepa.commentinput.com> - Search by entering the permit # in the "Search Projects" search box.

Permit Strategy Write-Up

1. Check all that apply:
 - ☐ Synthetic Minor Determination
 - ☐ Netting Determination
2. Source Description: Human crematory with a rated capacity of greater than or equal to 100 pounds per hour, but equal to or less than 200 pounds per hour. This permit is the Initial PTIO for EU ID# N007. N007 qualifies for the General Permit category, Human crematory with a rated capacity of greater than or equal to 100 pounds per hour, but equal to or less than 200 pounds per hour (GP23.1).
3. Facility Emissions and Attainment Status: Facility operates six (6) current human crematory incinerators at a facility operating under SIC 7261 Funeral Service and Crematories and NAICS 812220 Cemeteries and Crematories. Facility emissions consist of PE, SO₂, CO, NO_x, VOC, and trace amounts of HAP/Air Toxics from the combustion of fuel and charge in the crematories. The actual facility emissions are < 10 TPY of each of the NAAQS pollutants. GT Trade is located in the City of Cincinnati, Hamilton County, OH which is considered attainment for all pollutants.
4. Source Emissions: The source emissions consist of pre-calculated NAAQS pollutant and HAP/Air Toxics emissions for a 200 lb/hr capacity crematory as part of OEPA's GP 23.1:

<https://dam.assets.ohio.gov/image/upload/epa.ohio.gov/Portals/27/genpermit/CrematoryEmissions-GP23.1.pdf>

PTE NAAQS are each < 10 TPY and HAP/Air Toxics emissions are < 1 TPY (see table).
5. Conclusion: N007 qualifies for the GP23.1 general permit which this PTIO will be issued under. Per OEPA guidance for human crematory permits, this PTIO is recommended to be issued Draft prior to Final issuance.
6. Please provide additional notes or comments as necessary:

None
7. Total Permit Allowable Emissions Summary (for informational purposes only):

<u>Pollutant</u>	<u>Tons Per Year</u>
PE	0.28
CO	0.65
NO _x	0.78
SO ₂	0.48
VOC	0.07
HAPs/Air Toxic	< 1



**Environmental
Protection
Agency**

Permit Number: P0141178

Facility Name: GT Trade LLC

Facility ID: 1431074187

Effective Date: To be entered upon final issuance



**Environmental
Protection
Agency**

DRAFT

Division of Air Pollution Control
Permit-to-Install and Operate
for
GT Trade LLC

Facility ID: 1431074187

Permit Number: P0141178

Permit Type: Initial Installation

Issued: 08/13/2026

Effective: To be entered upon final issuance

Expiration: To be entered upon final issuance



Permit Number: P0141178

Facility Name: GT Trade LLC

Facility ID: 1431074187

Effective Date: To be entered upon final issuance

Division of Air Pollution Control

Permit-to-Install and Operate

for

GT Trade LLC

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Permit Number: P0141178

Facility Name: GT Trade LLC

Facility ID: 1431074187

Working Copy of a Permit in Progress

Authorization

Facility ID: 1431074187
Application Number(s): A0082422A0082422
Permit Number: P0141178
Permit Description: Initial installation PTIO for a 200 lbs./hr. Human Crematory (General Permit GP 23.1).
Permit Type: Initial Installation
Permit Fee: \$750.00 *DO NOT send payment at this time, subject to change before final issuance*
Issue Date: 08/13/2026
Effective Date: To be entered upon final issuance
Expiration Date: To be entered upon final issuance
Permit Evaluation Report
(PER) Annual Date: To be entered upon final issuance

This document constitutes issuance of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page to:

GT Trade LLC
1919 THINNES STREET
Cincinnati, OH 45214

Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

Southwest Ohio Air Quality Agency
1701 Patricia McCollum Way
DEPT 56
Cincinnati, OH 45237
(513)946-7777

The above-named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the described emissions unit(s) will operate in compliance with applicable State and Federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

John Logue
Director



Permit Number: P0141178

Facility Name: GT Trade LLC

Facility ID: 1431074187

Working Copy of a Permit in Progress

Authorization (continued)

Permit Number:P0141178

Permit Description:Initial installation PTIO for a 200 lbs./hr. Human Crematory (General Permit GP 23.1).

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

Emissions Unit ID:	N007
Company Equipment ID:	FT III Human Crematory
Superseded Permit Number:	
General Permit Category and Type:	Crematories - Human Crematory with a rated capacity of greater than or equal to 100 pounds per hour, but less than or equal to 200 pounds per hour (GP 23.1)

List of Commonly Used Abbreviations

AP-42 = U.S. EPA's Compilation of Air Pollution Emissions Factors	HVLP = high volume, low pressure	PER = Permit Evaluation Report
ASTM = American Society for Testing and Materials	LAER = lowest achievable emission rate	PM = particulate matter
BACT = Best Available Control Technology	lb(s)/hr = pound(s) per hour	PM ₁₀ = particulate matter with an aerodynamic diameter less than or equal to 10 microns
BAT = Best Available Technology	LDAR = leak detection and repair	PM _{2.5} = particulate matter with an aerodynamic diameter less than or equal to 2.5 microns
CAA = Clean Air Act	LPG = liquefied petroleum gas/propane	ppb = parts per billion
CAM = compliance assurance monitoring	MACT = maximum achievable control technology	ppm = parts per million
CEMS = continuous emissions monitoring system	MAGLC = maximum acceptable ground level concentration	PSD = Prevention of Significant Deterioration
CFC = chlorofluorocarbon	mg/m ³ = milligrams per cubic meter	psi = pounds per square inch
CFR = Code of Federal Regulations	MM = million	psia = pounds per square inch absolute
CH ₄ = methane	MMBtu = million British Thermal Units	PTE = potential-to-emit
CI = compression ignition	MSDS = material safety data sheet	PTI = Permit-to-Install
CO = carbon monoxide	MSW = municipal solid waste	PTIO = Permit-to-Install and Operate
CO ₂ = carbon dioxide	NAAQS = National Ambient Air Quality Standard	PTO = Permit-to-Operate
COM = continuous opacity monitor	NESHAP = National Emission Standard for Hazardous Air Pollutants	PWR = process weight rate
DAPC = Division of Air Pollution Control	NG = natural gas	RACM = reasonably available control measures
DO/LAA = District Office/Local Air Agency	ng/m ³ = nanograms per cubic meter	RACT = reasonably available control technology
dscf = dry standard cubic foot	NH ₃ = ammonia	RATA = relative accuracy test audit
EAC = emissions activity category	NMHC = non-methane hydrocarbons	RTO = regenerative thermal oxidizer
eDocs = electronic documents database	NMOC = non-methane organic compound	SB265 = Senate Bill 265
ERAC = Environmental Review Appeals Commission	NO = nitrogen oxide	scfm = standard cubic feet per minute
ESP = electrostatic precipitator	NO ₂ = nitrogen dioxide	SI = spark ignition
EU = emissions unit	NO _x = nitrogen oxides	SIP = State Implementation Plan
FEPTIO = Federally Enforceable Permit-to-Install and Operate	NSPS = New Source Performance Standard	SO ₂ = sulfur dioxide
FER = Fee Emissions Report	NSR = New Source Review	SSMP = startup, shutdown, and malfunction plan
FR = Federal Register	NTV = Non-Title V	TDS = total dissolved solids
GACT = generally achievable control technology	O&M = operation and maintenance	TLV = threshold limit value
GHG = greenhouse gases	OAC = Ohio Administrative Code	TO = thermal oxidizer
gr/dscf = grains per dry standard cubic foot	OC = organic compound	TPH = ton(s) per hour
H ₂ S = hydrogen sulfide	Ohio EPA = Ohio Environmental Protection Agency	TPY = ton(s) per year
H ₂ SO ₄ = sulfuric acid	ORC = Ohio Revised Code	TSP = total suspended particulates
HAP = hazardous air pollutant	Pb = lead	VE = visible emissions
HCl = hydrogen chloride	PBR = Permit-By-Rule	VMT = vehicle miles traveled
HF = hydrogen fluoride	PCB = polychlorinated biphenyl	VOC = volatile organic compound
Hg = mercury	PE = particulate emissions	WPP = work practice plan
hp = horsepower	PEMS = predictive emissions monitoring system	µg/m ³ = micrograms per cubic meter

A. Standard Terms and Conditions

1. What does this permit-to-install and operate (PTIO) allow me to do?

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

2. Who is responsible for complying with this permit?

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

3. What records must I keep under this permit?

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

4. What are my permit fees and when do I pay them?

There are two fees associated with permitted air contaminant sources in Ohio:

- a) PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11 or based on a time and materials charge for permit application review and permit processing if required by the Director.

You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

- b) Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

5. When does my PTIO expire, and when do I need to submit my renewal application?

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is very important that you submit a complete renewal permit application (either electronically through Ohio EPA's eBusiness Center: Air Services web service or postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

6. What happens to this permit if my project is delayed or I do not install or modify my source?

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended once by 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

7. What reports must I submit under this permit?

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and permit evaluation report (PER) obligations under this permit?

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions of this permit will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.

10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the Southwest Ohio Air Quality Agency in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?

Yes. Under Ohio law, the Director or his/her authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

12. What happens if one or more emissions units operated under this permit is/are shut down permanently?

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emission unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shut down emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

13. Can I transfer this permit to a new owner or operator?

You can transfer this permit to a new owner or operator. If you transfer the permit, the new owner or operator must follow the procedures in OAC Chapter 3745-31-07, including notifying Ohio EPA or the local air agency of the change in ownership or operator within thirty days of the transfer date. Any transferee of this permit shall assume the responsibilities of the transferor permit holder.

14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

15. What happens if a portion of this permit is determined to be invalid?

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.



Permit Number: P0141178

Facility Name: GT Trade LLC

Facility ID: 1431074187

Effective Date: To be entered upon final issuance

B. Facility-Wide Terms and Conditions

1. This permit document constitutes a PTI issued in accordance with ORC 3704.03(F) and a PTO issued in accordance with ORC 3704.03(G).
 - a) For the purpose of a PTI document, the facility-wide T&C identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (1) None.
 - b) For the purpose of a PTO document, the facility-wide T&C identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (1) None.

C. Emissions Unit Terms and Conditions

1. N007, FT III Human Crematory

Operations, Property and/or Equipment Description:

Human crematory with a rated capacity of greater than or equal to 100 pounds per hour, but equal to or less than 200 pounds per hour

a) This permit document constitutes a PTI issued in accordance with ORC 3704.03(F) and a PTO issued in accordance with ORC 3704.03(G).

(1) For the purpose of a PTI document, the EU T&C identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purposes of a PTO document, the EU T&C identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from the stack serving the cremation unit shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
b.	OAC rule 3745-17-09(B)	PE shall not exceed 0.10 pound per 100 pounds of material charged.
c.	OAC rule 3745-17-09(C)	See b)(2)a. below.
d.	OAC rule 3745-18-06(E)	See b)(2)b. below.
e.	OAC rule 3745-31-05(A)(3)(a)(ii)	See b)(2)c. below.

(2) Additional Terms and Conditions

a. Cremation units, including all associated equipment and grounds, shall be designed, operated and maintained so as to prevent the emission of objectionable odors.

b. This cremation unit is exempt from the requirements of OAC rule 3745-18-06(E) pursuant to OAC rule 3745-18-06(C), because the process weight rate [as defined in OAC rule 3745-18-01(B)(14)] is less than or equal to 1,000 lbs/hr.



- c. The BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the CO, NO_x, PE, SO₂, VOC emissions from this air contaminant source since the uncontrolled PTE is less than 10 TPY.

c) Operational Restrictions

- (1) The permittee shall only fire the cremation unit using natural gas, propane or butane.
- (2) The cremation unit shall meet the following design characteristics:
 - a. includes primary and secondary combustion chambers or primary combustion chamber and afterburner;
 - b. the secondary chamber or afterburner operates at a minimum temperature of at least the manufacturer's recommended temperature or 1,600 degrees Fahrenheit absent a manufacturer's recommended temperature;
 - c. the secondary chamber has a gas retention time of at least a 1.0-second;
 - d. includes secondary chamber (afterburner) temperature monitoring and recording equipment;
 - e. has a vertical exhaust stack at least four feet higher than the tallest portion of the building;
 - f. has an exhaust stack free of obstructions to the vertical flow of the exhaust gases e.g., no horizontal stacks or rain caps that direct the exhaust towards the ground;
 - g. has an exhaust gas temperature of at least 750 degrees Fahrenheit; and
 - h. has an exhaust gas flowrate of at least 1,200 actual cubic feet per minute.
- (3) The permittee shall not operate the cremation unit unless the temperature monitoring and recording devices are operating properly.
- (4) The permittee shall install, operate, and maintain the cremation unit in accordance with the manufacturer's specifications.
- (5) Prior to operating the cremation unit, the operator shall complete operation training that follows the minimum recommended elements from the cremation unit's manufacturer.
- (6) The permittee shall not use the cremation unit to incinerate any "medical/infectious waste" as defined in 40 CFR Part 62, Subpart HHH.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall install, operate, and properly maintain temperature monitoring and recording devices which continuously monitor and record the secondary combustion chamber or afterburner temperatures whenever the cremation unit is in operation.



- (2) The permittee shall maintain daily records of the following information for the cremation unit:
- a log of the days when the cremation unit was in operation;
 - for each cremation, record all periods of time during which the temperature of the afterburner dropped below the manufacturer's recommended temperature or 1,600 degrees Fahrenheit absent a manufacturer's recommended temperature (except for times when the primary chamber is open for loading); and
 - for each day during which the permittee fires the cremation unit with a fuel other than natural gas, propane or butane, the permittee shall maintain a record of the type and quantity of fuel fired in this emissions unit.
- (3) The permittee shall perform weekly checks when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving the cremation unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
- the color of the emissions;
 - whether the emissions are representative of normal operations;
 - if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - the total duration of any visible emissions incident; and
 - any corrective actions taken to minimize or eliminate the visible emissions.
- If visible emissions are present, a visible emissions incident has occurred. The observer does not have to document the exact start and end times for the visible emissions incident under d)(3)d above or continue the weekly check until the incident has ended. The observer may indicate that the visible emissions incident was continuous during the observation period (or, if known, continuous during the operation of the cremation unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, specify the minor corrective actions that were taken to ensure that the cremation unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.
- (4) The permittee shall perform weekly checks when the cremation unit is in operation for any objectionable odors. The presence or absence of any objectionable odors shall be noted in the operations log.

For these weekly checks, objectionable odors are present if offensive odors are detectable outside the permittee's property where the cremation unit is being operated. If objectionable



odors are present, the permittee shall note the corrective actions that were taken to eliminate the objectionable odors in the operations log.

- (5) The permittee shall inspect this cremation unit according to the preventive maintenance procedures recommended by the equipment manufacturer. The inspection shall be done at least semi-annually (or more often if recommended by the equipment manufacturer). Each inspection shall include a written log which documents the findings of the inspection and identifies any needed cleaning of or repairs to the cremation unit. If cleaning or repairs are needed, the cremation unit shall not be operated if the operation would result in any exceedance of the emission limits detailed in this permit.
- (6) The permittee shall maintain records of the date and description of all repairs and maintenance. These records shall include copies of invoices of maintenance and repairs. These records shall be maintained on site for a period of no less than five years.
- (7) The permittee shall maintain operator training records, for the training required in term c)(5), that include, at a minimum, the date trained, the operator name and the elements covered during the training.

A copy of all training records for each operator shall be maintained on file for as long as that operator is employed for that job and shall be made available to the appropriate Ohio EPA district office or local air agency upon request.

e) Reporting Requirements

- (1) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate Ohio EPA district office or local air agency.
- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA district office or local air agency by the due date identified in the Authorization section of this permit. The PER shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.
- (3) The permittee shall identify the following information in the annual PER in accordance with the monitoring requirements in terms d)(2) through d)(4) above:
 - a. all days during which any visible particulate emissions were observed from the crematory stack and any corrective actions taken to minimize or eliminate the visible particulate emissions;
 - b. all days during which objectionable odors were detected during the operation of the cremation unit and the corrective actions that were taken to eliminate the objectionable odors;
 - c. the day(s) and time(s) during which the secondary combustion chamber or afterburner temperature dropped below the manufacturer's recommended temperature or 1,600 degrees Fahrenheit absent a manufacturer's recommended temperature, during



operation of the cremation unit (except for times when the charge is actively being loaded into the cremation unit) and the corrective actions that were taken to reestablish the proper operating temperature; and

- d. each day during which the cremation unit was fired with a fuel other than natural gas, propane or butane.

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

- a. Emission Limitation:

Visible particulate emissions from the exhaust stack serving the cremation unit shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.

- b. Emission Limitation:

PE shall not exceed 0.10 pound per 100 pounds of material charged.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with the emission limitation through emissions tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1- 5 and OAC rule 3745-17-03(B)(8).

g) Miscellaneous Requirements

- (1) None.