



**John R. Kasich**, Governor  
**Mary Taylor**, Lt. Governor  
**Craig W. Butler**, Director

8/15/2016

Certified Mail

Chris Snider  
 Miami Valley Hospital  
 ONE WYOMING STREET  
 DAYTON, OH 45409-2793

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

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 0857040180  
 Permit Number: P0121120  
 Permit Type: Administrative Modification  
 County: Montgomery

Dear Permit Holder:

Enclosed please find a final Ohio Environmental Protection Agency (EPA) Air Pollution Permit-to-Install and Operate (PTIO) which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully. In this letter you will find the information on the following topics:

- **How to appeal this permit**
- **How to save money, reduce pollution and reduce energy consumption**
- **How to give us feedback on your permitting experience**
- **How to get an electronic copy of your permit**
- **What should you do if you notice a spill or environmental emergency?**

**How to appeal this permit**

The issuance of this PTIO is a final action of the Director and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00, made payable to "Ohio Treasurer Josh Mandel," which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
 77 South High Street, 17th Floor  
 Columbus, OH 43215

## **How to save money, reduce pollution and reduce energy consumption**

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. Additionally, all or a portion of the capital expenditures related to installing air pollution control equipment under this permit may be eligible for financing and State tax exemptions through the Ohio Air Quality Development Authority (OAQDA) under Ohio Revised Code Section 3706. For more information, see the OAQDA website: [www.ohioairquality.org/clean\\_air](http://www.ohioairquality.org/clean_air)

## **How to give us feedback on your permitting experience**

Please complete a survey at [www.epa.ohio.gov/survey.aspx](http://www.epa.ohio.gov/survey.aspx) and give us feedback on your permitting experience. We value your opinion.

## **How to get an electronic copy of your permit**

This permit can be accessed electronically via the eBusiness Center: Air Services in Microsoft Word format or in Adobe PDF on the Division of Air Pollution Control (DAPC) Web page, [www.epa.ohio.gov/dapc](http://www.epa.ohio.gov/dapc) by clicking the "Search for Permits" link under the Permitting topic on the Programs tab.

## **What should you do if you notice a spill or environmental emergency?**

Any spill or environmental emergency which may endanger human health or the environment should be reported to the Emergency Response 24-HOUR EMERGENCY SPILL HOTLINE toll-free at (800) 282-9378. Report non-emergency complaints to the appropriate district office or local air agency.

If you have any questions regarding your permit, please contact Regional Air Pollution Control Agency at (937)225-4435 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,



Michael E. Hopkins, P.E.  
Assistant Chief, Permitting Section, DAPC

Cc: RAPCA



**FINAL**

**Division of Air Pollution Control  
Permit-to-Install and Operate  
for  
Miami Valley Hospital**

Facility ID:	0857040180
Permit Number:	P0121120
Permit Type:	Administrative Modification
Issued:	8/15/2016
Effective:	8/15/2016
Expiration:	10/1/2020





**Division of Air Pollution Control  
Permit-to-Install and Operate**

for  
Miami Valley Hospital

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**Final Permit-to-Install and Operate**  
Miami Valley Hospital  
**Permit Number:** P0121120  
**Facility ID:** 0857040180  
**Effective Date:** 8/15/2016

## Authorization

Facility ID: 0857040180  
Application Number(s): M0004030  
Permit Number: P0121120  
Permit Description: Administrative Modification to change synthetic minor recordkeeping requirements from rolling, 12-month hours of operation to rolling, 12-month natural gas usage.  
Permit Type: Administrative Modification  
Permit Fee: \$1,200.00  
Issue Date: 8/15/2016  
Effective Date: 8/15/2016  
Expiration Date: 10/1/2020  
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

Miami Valley Hospital  
ONE WYOMING STREET  
Dayton, OH 45409-2793

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

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

Regional Air Pollution Control Agency  
117 South Main Street  
Dayton, OH 45422-1280  
(937)225-4435

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

  
Craig W. Butler  
Director



## Authorization (continued)

Permit Number: P0121120

Permit Description: Administrative Modification to change synthetic minor recordkeeping requirements from rolling, 12-month hours of operation to rolling, 12-month natural gas usage.

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

**Group Name: Gas Fired Boilers**

<b>Emissions Unit ID:</b>	<b>B007</b>
Company Equipment ID:	B007
Superseded Permit Number:	P0118904
General Permit Category andType:	Not Applicable
<b>Emissions Unit ID:</b>	<b>B008</b>
Company Equipment ID:	B008
Superseded Permit Number:	P0118904
General Permit Category andType:	Not Applicable
<b>Emissions Unit ID:</b>	<b>B009</b>
Company Equipment ID:	B009
Superseded Permit Number:	P0118904
General Permit Category andType:	Not Applicable
<b>Emissions Unit ID:</b>	<b>B010</b>
Company Equipment ID:	B010
Superseded Permit Number:	P0118904
General Permit Category andType:	Not Applicable
<b>Emissions Unit ID:</b>	<b>B011</b>
Company Equipment ID:	B011
Superseded Permit Number:	P0118904
General Permit Category andType:	Not Applicable
<b>Emissions Unit ID:</b>	<b>B012</b>
Company Equipment ID:	B012
Superseded Permit Number:	P0118904
General Permit Category andType:	Not Applicable
<b>Emissions Unit ID:</b>	<b>B013</b>
Company Equipment ID:	B013
Superseded Permit Number:	P0118904
General Permit Category andType:	Not Applicable
<b>Emissions Unit ID:</b>	<b>B015</b>
Company Equipment ID:	B015
Superseded Permit Number:	P0118904
General Permit Category andType:	Not Applicable
<b>Emissions Unit ID:</b>	<b>B016</b>
Company Equipment ID:	B016
Superseded Permit Number:	P0118904
General Permit Category andType:	Not Applicable
<b>Emissions Unit ID:</b>	<b>B018</b>
Company Equipment ID:	B018
Superseded Permit Number:	P0118904
General Permit Category andType:	Not Applicable



**Final Permit-to-Install and Operate**  
Miami Valley Hospital  
**Permit Number:** P0121120  
**Facility ID:** 0857040180  
**Effective Date:** 8/15/2016

<b>Emissions Unit ID:</b>	<b>B019</b>
Company Equipment ID:	B019
Superseded Permit Number:	P0118904
General Permit Category andType:	Not Applicable
<b>Emissions Unit ID:</b>	<b>B020</b>
Company Equipment ID:	B020
Superseded Permit Number:	P0118904
General Permit Category andType:	Not Applicable



**Final Permit-to-Install and Operate**  
Miami Valley Hospital  
**Permit Number:** P0121120  
**Facility ID:** 0857040180  
**Effective Date:** 8/15/2016

## **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:

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.

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 (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 by up to 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 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 [DO/LAA] 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 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 shutdown 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, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the change in ownership or operator. Any transferee of this permit must 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.



**Final Permit-to-Install and Operate**  
Miami Valley Hospital  
**Permit Number:** P0121120  
**Facility ID:** 0857040180  
**Effective Date:** 8/15/2016

## **B. Facility-Wide Terms and Conditions**

1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
  - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions 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 permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
    - (1) None.
2. The combined Nitrogen Oxides (NO<sub>x</sub>) emissions from all of the emergency generators and natural gas fired boilers in operation at this facility shall not exceed 71.4 tons on a rolling 12-month basis.
3. The permittee shall collect and record the following information each month:
  - a) The NO<sub>x</sub> emissions for each emergency generator (calculated according the applicable monitoring and recordkeeping requirements in the PTIO for each emissions unit);
  - b) The combined NO<sub>x</sub> emissions for all of the natural gas fired boilers (calculated according to the monitoring and recordkeeping in Section C.1.d) of this PTIO);
  - c) The combined NO<sub>x</sub> emissions rate for all and the emergency generators and natural gas fired boilers (the sum of 3.a) + 3.b) for each month); and
  - d) The rolling 12-month NO<sub>x</sub> emissions rate for all emergency generators and natural gas fired boilers (the sum of the NO<sub>x</sub> emissions rates from 3.c) for the previous 12-months).

The emissions units at the facility have been in operation for more than 12 months and, as such, the permittee has existing records to generate the rolling 12-month NO<sub>x</sub> emissions rates and operating limitations upon issuance of this permit.

4. The permittee shall submit quarterly deviation (excursion) reports, in accordance with the Standard Terms and Conditions, of this permit, of the following information:
  - a) An identification of each month during which the rolling, 12-month summation of the NO<sub>x</sub> emissions rate (from 3.d)) exceeded 71.4 tons, and the actual rolling, 12-month summation of the combined NO<sub>x</sub> emissions rate for each such month.
  - b) If no deviations (excursions) occurred during a calendar quarter, the permittee shall submit a report that states that no deviations (excursions) occurred during the quarter.

The quarterly reports shall be submitted, each year by January 31 (covering October to December), April 30 (covering January to March), July 31 (covering April to June), and October 31 (covering July to September), unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency). Unless other arrangements have been approved by the

Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

5. The permittee shall submit annual reports that summarize the annual emissions combined emissions of the NO<sub>x</sub> for the facility. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Synthetic Minor Title V Fee Emissions Report.

All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services.

6. Compliance with the emission limitations in B.2. shall be determined in accordance with the following methods:

- a) Emissions Limitation:

The combined NO<sub>x</sub> emissions from all of the emergency generators and natural gas fired boilers in operation at this facility shall not exceed 71.4 tons on a rolling 12-month basis.

Applicable Compliance Method:

Compliance shall be based on the record keeping specified in B.3.



**Final Permit-to-Install and Operate**  
Miami Valley Hospital  
**Permit Number:** P0121120  
**Facility ID:** 0857040180  
**Effective Date:** 8/15/2016

## **C. Emissions Unit Terms and Conditions**

**1. Emissions Unit Group – Natural Gas Fired Boilers: B007, B008, B009, B010, B011, B012, B013, B015, B016, B018, B019, B020**

<b>EU ID</b>	<b>Operations, Property and/or Equipment Description</b>
B007	8.37 MMBtu/hour natural gas-fired boiler
B008	8.37 MMBtu/hour natural gas-fired boiler
B009	8.37 MMBtu/hour natural gas-fired boiler
B010	8.37 MMBtu/hour natural gas-fired boiler
B011	8.37 MMBtu/hour natural gas-fired boiler
B012	8.37 MMBtu/hour natural gas-fired boiler
B013	8.37 MMBtu/hour natural gas-fired boiler
B015	8.37 MMBtu/hour natural gas-fired boiler
B016	8.37 MMBtu/hour natural gas-fired boiler
B018	8.37 MMBtu/hour natural gas-fired boiler
B019	8.37 MMBtu/hour natural gas-fired boiler
B020	8.37 MMBtu/hour natural gas-fired boiler

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)b.

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 3745-31-05(A)(3) PTI 08-04392 issued July 23, 2002 and P0104850 issued September 16, 2009	The nitrogen oxides (NOx) emissions from each emissions unit shall not exceed 0.80 pound per hour.  The carbon monoxide (CO) emissions from each emissions unit shall not exceed



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		0.68 pound per hour and 2.94 tons per year. The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(D).  See b)(2)a.
b.	OAC rule 3745-31-05(D) (synthetic minor to avoid Title V)	The total NOx emissions from the combination of all of the natural gas fired boilers shall not exceed 21.0 tons on a rolling 12-month basis.  See b)(2)b., c)(1) and c)(2).

(2) Additional Terms and Conditions

a. The hourly NOx and CO emissions limitations were established to reflect the potential to emit for each emissions unit. Therefore, it is not necessary to develop recordkeeping and reporting requirements to ensure compliance.

c) Operational Restrictions

(1) The permittee shall burn only natural gas in the emissions units except for during periods of gas curtailment, gas supply interruption, startups, or for periodic testing not to exceed 48 hours during any calendar year of which only diesel fuel may be used.

(2) The total volume of natural gas burned in the combination of all the boilers shall not exceed 420,000,000 cubic feet on rolling 12-month basis.

All of the emissions units have been in operation for more than 12 months and the permittee has existing records to calculate rolling 12-month natural gas usage and NOx emissions rates upon issuance of this permit.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain the following records for each month:

- a. The combined volume, in cubic feet, of all natural gas used in the boilers;
- b. The combined volume, in cubic feet, of all natural gas used in the boilers on a rolling 12-month basis (the sum of the records for d)(1)a. for the previous 12 months);
- c. The combined NOx emissions, in tons, for all of the boilers (the volume from d)(1)a. multiplied by 100 pounds NOx/million cubic feet of gas burned); and

- d. The combined NO<sub>x</sub> emissions, in tons, for all of the boilers on a rolling 12-month basis (the sum of the records for d)(1)c. for the previous 12 months).
- (2) For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in these emissions units.
- e) Reporting Requirements
  - (1) The permittee shall submit quarterly deviation (excursion) reports that identify:
    - a. all deviations (excursions) of the emission limitations and operational restrictions that restrict the potential to emit (PTE) of any regulated air pollutant and have been detected by the monitoring, record keeping and/or testing requirements in this permit:
      - i. the rolling, 12-month natural gas usage restriction;
      - ii. the rolling, 12-month NO<sub>x</sub> emission limitation, in tons; and
      - iii. each day when a fuel other than natural gas was burned in this emissions unit.
    - b. the probable cause of each deviation (excursion);
    - c. any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and
    - d. the magnitude and duration of each deviation (excursion).

If no deviations (excursions) occurred during a calendar quarter, the permittee shall submit a report that states that no deviations (excursions) occurred during the quarter.

The quarterly reports shall be submitted each year by January 31 (covering October to December), April 30 (covering January to March), July 31 (covering April to June), and October 31 (covering July to September), unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency).

- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic

submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services.

f) **Testing Requirements**

(1) Compliance with the Emissions Limitations specified in b) shall be determined in accordance with the following methods:

a. Emissions Limitation:

The NO<sub>x</sub> emissions from each emissions unit shall not exceed 0.80 pound per hour.

Applicable Compliance Method:

This emissions limitation was established by multiplying the maximum hourly gas burning capacity of the emissions unit (0.00837 million cubic feet/hour) by 100 pounds NO<sub>x</sub>/million cubic feet (U.S. EPA, AP-42, Table 1.4-2 (7/98)).

b. Emissions Limitation:

The CO emissions from each emissions unit shall not exceed 0.67 pound per hour.

Applicable Compliance Method:

This emissions limitation was established by multiplying the maximum hourly gas burning capacity of the emissions unit (0.00837 million cubic feet/hour) by 84 pounds CO/million cubic feet (U.S. EPA, AP-42, Table 1.4-2 (7/98)).

c. Emissions Limitation:

The CO emissions from each emissions unit shall not exceed 2.94 tons per year.

Applicable Compliance Method:

This emissions limitation was developed by multiplying the hourly emissions limitation (1.47 pounds per hour) by 8,760 hours per year and divided by 2,000 pounds per ton.

d. Emissions Limitation:

The combined NO<sub>x</sub> emissions from all of the natural gas fired boilers shall not exceed 21.0 tons on a rolling 12-month basis.



**Final Permit-to-Install and Operate**  
Miami Valley Hospital  
**Permit Number:** P0121120  
**Facility ID:** 0857040180  
**Effective Date:** 8/15/2016

Applicable Compliance Method:

Compliance shall be based on the recordkeeping requirements specified in d)(1).

- g) Miscellaneous Requirements
  - (1) None.