



State of Ohio Environmental Protection Agency

Street Address:

Mailing Address:

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Lazarus Gov.
Center

RE: **FINAL PERMIT TO INSTALL MODIFICATION** CERTIFIED MAIL
MONTGOMERY COUNTY
Application No: 08-03544

DATE: 3/29/2001

Miami Valley Hospital
Jim Hartke
1 Wyoming Street
Dayton, OH 454092793

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 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. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA

RAPCA



**Permit To Install
Terms and Conditions**

**Issue Date: 3/29/2001
Effective Date: 3/29/2001**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 08-03544

Application Number: **08-03544**
APS Premise Number: **0857040180**
Permit Fee: **\$0**
Name of Facility: **Miami Valley Hospital Hartke**
Person to Contact: **Jim**
Address: **1 Wyoming Street
Dayton, OH 454092793**

Location of proposed air contaminant source(s) [emissions unit(s)]:
**1 Wyoming St
Dayton, OHIO**

Description of modification:
(7) 8.46 mmBtu/hour natural gas/No.2 fuel oil-fired boilers (administrative modification to PTI 08-03544 issued 9/25/96 and modified 1/28/98).

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

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GENERAL PERMIT CONDITIONS

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within 18 months of the effective date of this permit. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

NOTICE OF INSPECTION

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCES

The proposed source(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

If the construction of the proposed source(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of Ohio Administrative Code (OAC) Rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet applicable standards.

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 days of the effective date of this permit to install.

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PUBLIC DISCLOSURE

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC Rule 3745-49-03.

APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

BEST AVAILABLE TECHNOLOGY

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

PERMIT TO OPERATE APPLICATION AND OPERATION AFTER COMPLETION OF CONSTRUCTION

If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. Permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within thirty (30) days after commencing operation of the source(s) covered by this permit.

SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION

This facility is permitted to operate each source described by this permit to install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws and regulations.

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
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AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Miami Valley Hospital** located in **MONTGOMERY** County. The emissions units listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit

<u>Ohio EPA Source Number</u>	<u>Source Identification</u>	<u>Description</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
B007	B012	8.46 MMBTU/hr gas/oil boiler #1	
	B010		8.46 MMBTU/hr gas/oil boiler #4
B008	B013	8.46 MMBTU/hr gas/oil boiler #2	
	B011	B013 Cont'd	8.46 MMBTU/hr gas/oil boiler #10
B009		8.46 MMBTU/hr gas/oil boiler #3	

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8.46
MMBT
U/hr
gas/oil
boiler
#11

8.46
MMBT
U/hr
gas/oil
boiler
#12

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
	<u>BAT Determination</u>	Compliance with the applicable OAC rules, allowable mass emission rates, limited fuel oil usage record keeping and reporting	Compliance with the applicable OAC rules, allowable mass emission rates, limited fuel oil usage record keeping and reporting	
	Compliance with the applicable OAC rules, allowable mass emission rates, limited fuel oil usage record keeping and reporting	Compliance with the applicable OAC rules, allowable mass emission rates, limited fuel oil usage record keeping and reporting	Compliance with the applicable OAC rules, allowable mass emission rates, limited fuel oil usage record keeping and reporting	
	Compliance with the applicable OAC rules, allowable mass emission rates, limited fuel oil usage record keeping and reporting	Compliance with the applicable OAC rules, allowable mass emission rates, limited fuel oil usage record keeping and reporting		

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
			3745-31-05 3745-17-07 3745-17-10 (B)(1)	Permit Allowable Mass Emissions and/or Control/Usage Requirements PM: 0.020 lb/mmbtu 0.75 TPY NO _x : 2.06 lbs/hr 4.60 TPY CO: 0.68 lb/hr 2.98 TPY SO ₂ : 4.26 lbs/hr 10.50 TPY OC: 0.10 lb/hr 0.39 TPY
	Applicable Federal & <u>OAC Rules</u>	3745-31-05 3745-17-07 3745-17-10 (B)(1)		
	3745-31-05 3745-17-07 3745-17-10 (B)(1)			
		3745-31-05 3745-17-07 3745-17-10 (B)(1)		PM: 0.020 lb/mmbtu 0.75 TPY NO _x : 2.06 lbs/hr 4.60 TPY CO: 0.68 lb/hr 2.98 TPY SO ₂ : 4.26 lbs/hr 10.50 TPY OC: 0.10 lb/hr 0.39 TPY
	3745-31-05 3745-17-07 3745-17-10 (B)(1)			
		3745-31-05 3745-17-07 3745-17-10 (B)(1)		PM: 0.020 lb/mmbtu 0.75 TPY NO _x : 2.06 lbs/hr 4.60 TPY CO: 0.68 lb/hr 2.98 TPY SO ₂ : 4.26 lbs/hr 10.50 TPY OC: 0.10 lb/hr 0.39 TPY
	3745-31-05 3745-17-07 3745-17-10 (B)(1)			

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
OC:	CO: 0.68	0.75 TPY		
	lb/hr	NO _x : 2.06 lbs/hr		
0.	2.98	4.60 TPY		
10	TPY	CO: 0.68 lb/hr		
lb/	SO ₂ : 4.26	2.98 TPY		
hr	lbs/hr	SO ₂ : 4.26 lbs/hr		
0.	10.50	10.50 TPY		
39	TPY	OC: 0.10 lb/hr		
T	OC: 0.10	0.39 TPY		
P	lb/hr			
Y	0.39	PM: 0.020 lb/mmbtu		
	TPY	0.75 TPY		
PM:		NO _x : 2.06 lbs/hr		
	PM: 0.020	4.60 TPY		
0.	lb/mmbtu	CO: 0.68 lb/hr		
02	0.75	2.98 TPY		
0	TPY	SO ₂ : 4.26 lbs/hr		
lb/	NO _x : 2.06	10.50 TPY		
m	lbs/hr	OC: 0.10 lb/hr		
m	4.60	0.39 TPY		
bt	TPY			
u	CO: 0.68			
0.	lb/hr			
75 TPY	2.98			
NO _x :	TPY			
	SO ₂ : 4.26			
2.	lbs/hr			
06	10.50			
lb	TPY			
s/	OC: 0.10			
hr	lb/hr			
4.	0.39			
60	TPY			
T				
P	PM: 0.020			
Y	lb/mmbtu			

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SUMMARY
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
Particulate Matter	5.25
NO _x	32.20
CO	20.86
SO ₂	73.50
OC	2.73

RECORD(S) RETENTION AND AVAILABILITY

All records required by this Permit to Install shall be retained on file for a period of not less than three years unless otherwise indicated by Ohio Environmental Protection Agency. All records shall be made available to the Director, or any representative of the Director, for review during normal business hours.

REPORTING REQUIREMENTS

Unless otherwise specified, reports required by the Permit to Install need only be submitted to Regional Air Pollution Control, 451 West Third Street, Dayton, Ohio 45422

AIR POLLUTION NUISANCES PROHIBITED

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

CONSTRUCTION COMPLIANCE CERTIFICATION

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

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ADDITIONAL SPECIAL TERMS AND CONDITIONS

1. Emissions units B007 through B013 are each limited to 60 gallons of No. 2 fuel oil per hour and 295,200 gallons per year.

Compliance with the annual fuel limitation for emissions units B007 through B013 shall be determined based on rolling twelve-month summation period (i.e., August 1, 1996 to August 1, 1997, September 1, 1996 to September 1, 1997, etc.).

Until such time as the rolling twelve-month summation periods can begin, the referenced boilers shall each be limited to a fuel oil usage rate in accordance with the following:

<u>Months</u>	<u>Maximum, Cumulative Total Fuel Oil Usage Allowed (gallons)</u>
1	24,600
1-2	49,200
1-3	73,800
1-4	98,400
1-5	123,000
1-6	147,600
1-7	172,200
1-8	196,800
1-9	221,400
1-10	246,000
1-11	270,600
1-12	295,200

2. When the referenced emissions units are operating using No. 2 fuel oil, this facility shall maintain monthly records for each, which include the following:
 - A. the number of gallons of fuel oil burned for the calendar month;
 - B. the cumulative number of gallons of fuel oil burned during each of the first 12 calendar months after the commencement of operation of the boilers; and
 - C. the number of gallons of fuel oil burned for the rolling twelve-month summation period (beginning the 13th calendar month after the commencement of operation).

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3. This facility shall notify the Regional Air Pollution Control Agency (RAPCA) of any monthly record which shows an exceedance of the monthly cumulative total values or the rolling 12-month usage limitation specified in term and condition number 1 above. A copy of such records(s) shall be sent to RAPCA within 45 days when the exceedance occurs.