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

3/25/2015

Certified Mail

No	TOXIC REVIEW
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
Yes	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

Mr. Timothy Beauchamp
FEDERAL CORRECTIONAL INSTITUTION, ELKTON
8730 Scroggs Road
Lisbon, OH 44415

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0215000326
Permit Number: P0117756
Permit Type: Renewal
County: Columbiana

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**

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

How to give us feedback on your permitting experience

Please complete a survey at 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 by clicking the "Search for Permits" link under the Permitting topic on the Programs tab.

If you have any questions, please contact Ohio EPA DAPC, Northeast District Office at (330)963-1200 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,

Erica R. Engel-Ishida, Manager
Permit Issuance and Data Management Section, DAPC

Cc: Ohio EPA-NEDO

Response to Comments

Facility ID:	0215000326
Facility Name:	FEDERAL CORRECTIONAL INSTITUTION, ELKTON
Facility Description:	
Facility Address:	8730 SCROGGS RD. Elkton, OH 44415 Columbiana County
Permit:	P0117756, Permit-To-Install and Operate - Renewal
A public notice for the draft permit issuance was published in the Ohio EPA Weekly Review and appeared in the The Morning Journal on 11/11/2014. The comment period ended on 12/11/2014.	
Hearing date (if held)	
Hearing Public Notice Date (if different from draft public notice)	

The following comments were received during the comment period specified. Ohio EPA reviewed and considered all comments received during the public comment period. By law, Ohio EPA has authority to consider specific issues related to protection of the environment and public health. Often, public concerns fall outside the scope of that authority. For example, concerns about zoning issues are addressed at the local level. Ohio EPA may respond to those concerns in this document by identifying another government agency with more direct authority over the issue.

In an effort to help you review this document, the questions are grouped by topic and organized in a consistent format. PDF copies of the original comments in the format submitted are available upon request.

1. Topic: None

a. Comment: None

b. Response: None

FINAL

Division of Air Pollution Control
Permit-to-Install and Operate
for
FEDERAL CORRECTIONAL INSTITUTION, ELKTON

Facility ID:	0215000326
Permit Number:	P0117756
Permit Type:	Renewal
Issued:	3/25/2015
Effective:	3/25/2015
Expiration:	3/25/2020

Division of Air Pollution Control
Permit-to-Install and Operate
for
FEDERAL CORRECTIONAL INSTITUTION, ELKTON

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Authorization

Facility ID:	0215000326
Application Number(s):	A0051895, A0051915
Permit Number:	P0117756
Permit Description:	FEPTIO Renewal for five natural gas-fired boilers with option of burning No. 2 fuel oil during periods of gas curtailment, gas supply emergencies, or for periodic testing, thereby exempting the emissions units from 40 CFR Part 63 Subpart JJJJJJ; renewal action includes three underground storage tanks.
Permit Type:	Renewal
Permit Fee:	$0.00
Issue Date:	3/25/2015
Effective Date:	3/25/2015
Expiration Date:	3/25/2020

Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

FEDERAL CORRECTIONAL INSTITUTION, ELKTON
8730 SCROGGS RD.
Elkton, OH 44415

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:

Ohio EPA DAPC, Northeast District Office
2110 East Aurora Road
Twinsburg, OH 44087
(330)963-1200

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: P0117756
Permit Description: FEPTIO Renewal for five natural gas-fired boilers with option of burning No. 2 fuel oil during periods of gas curtailment, gas supply emergencies, or for periodic testing, thereby exempting the emissions units from 40 CFR Part 63 Subpart JJJJJJ; renewal action includes three underground storage tanks.

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

Group Name: 12.6 mmBtu/hr Boilers

Emissions Unit ID:	**B004**
Company Equipment ID:	8B-4
Superseded Permit Number:	P0084305
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**B005**
Company Equipment ID:	8B-5
Superseded Permit Number:	P0084305
General Permit Category andType:	Not Applicable

Group Name: 19 mmBtu/hr Boilers

Emissions Unit ID:	**B001**
Company Equipment ID:	8B-1 (Nat. gas fired boiler w/ oil standby)
Superseded Permit Number:	P0084305
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**B002**
Company Equipment ID:	8B-2
Superseded Permit Number:	P0084305
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**B003**
Company Equipment ID:	8B-3
Superseded Permit Number:	P0084305
General Permit Category andType:	Not Applicable

Group Name: UST - 1, 2, 5

Emissions Unit ID:	**T001**
Company Equipment ID:	Fuel oil storage tank 12,000 gal.
Superseded Permit Number:	P0084305
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**T002**
Company Equipment ID:	Fuel oil storage tank 12,000 gal.
Superseded Permit Number:	P0084305
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**T003**
Company Equipment ID:	Fuel oil storage tank 12,000 gal.
Superseded Permit Number:	P0084305
General Permit Category andType:	Not Applicable

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 beingpermanently shut down without first applying for and obtaining a permit pursuantto 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.

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) B.2, B.3, B.4 and B.5

2. The total emissions from all of the air contaminant sources at this facility (except those units that are defined as trivial by Ohio EPA DAPC Engineering Guide 62) shall not exceed the following emission limitation:

   a) 88.75 tons of sulfur dioxide (SO_2) per rolling, 12-month period.

3. The total amount of No. 2 fuel oil that may be utilized in emissions units B001, B002, B003, B004 and B005 (boilers 1 through 5) and the other permit-exempt boilers at the facility shall not exceed 2,500,000 gallons per rolling, 12-month period.

4. At the end of each month, the permittee shall collect, calculate and record the following information:

   a) the total number of gallons of No. 2 fuel oil used in all boilers at the facility;

   b) the total number of gallons of No. 2 fuel oil used in all boilers at the facility for the past rolling, 12-months; and

   c) the actual SO_2 emissions, in tons SO_2/rolling, 12-months.

      The actual SO_2 emissions may be calculated by the following equation:

      Tons SO_2/12-months = [(*EF, in lbs SO_2/1000 gallons)(#Gal of No. 2 fuel oil/12-months)] / 2000

      *EF = Emission Factor of 145(S) lbs SO_2/1,000 gallons fuel oil taken from AP-42 (9/98) Table 1.3-1. If the sulfur content of the oil is 0.5% by weight, S = 0.5. For the calculation of SO_2 limits in this permit, 0.5 was used as the S value. Therefore, EF = 71 lbs SO_2/1,000 gallons.

5. The permittee shall submit quarterly deviation (excursion) reports that identify:

   a) any rolling, 12-month period during which the limitations in B.2 and/or B.3 were exceeded;

   b) the probable cause of each deviation and the corrective action(s) taken to remedy the deviation(s); and

   c) if no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report which states that no deviations occurred during the quarter.

These reports shall be submitted (i.e., electronically via Air Service) quarterly to the Ohio EPA Northeast District Office by January 31, April 30, July 31 and October 31 of each year and shall cover the previous calendar quarter.

C. Emissions Unit Terms and Conditions

1. Emissions Unit Group - 12.6 mmBtu/hr Boilers: B004&B005

EU ID	Operations, Property and/or Equipment Description
B004	12.6 mmBtu/hr Boiler 4. Primary fuel is natural gas, secondary is No 2 fuel oil. Fuel contains less than 0.5% sulfur by weight.
B005	12.6 mmBtu/hr Boiler 5. Primary fuel is natural gas, secondary is No 2 fuel oil. Fuel contains less than 0.5% sulfur by weight.

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. b)(1)c, c)(3), d)(4)

(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)a, & d-h, b)(2)a-d, c)(1), c)(2), d)(1), d)(2), d)(3), e)(1), e)(2), e(3), e(4), f)(1)a-g, g)(1)

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(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. 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)	Sulfur dioxide (SO_2) emissions from each boiler shall not exceed 0.50 lb/mmBtu and 24.85 tons/year. Particulate emissions (PE) from each boiler shall not exceed 0.014 lb/mmBtu and 0.79 ton/year. Nitrogen oxide (NO_x) emissions from each boiler shall not exceed 0.14 lb/mmBtu and 7.88 tons/year. Carbon monoxide (CO) emissions from each boiler shall not exceed 0.082 lb/mmBtu and 4.54 tons/year.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		Volatile organic compound (VOC) emissions from each boiler shall not exceed 0.005 lb/mmBtu and 0.30 ton/year. Visible particulate emissions from each boiler stack shall not exceed 10% opacity, as a 6-minute average, except for one 6-minute period per hour of not more than 27% opacity. The requirements of this rule also include compliance with the requirements of OAC rules 3745-31-05(E). See b)(2)a and b)(2)b.
b.	OAC rule 3745-31-05(D)(1)(b)	See B.2, B.3, B.4 and B.5.
c.	OAC rule 3745-31-05(E)	Each boiler shall not use more than 700,000 gallons of No. 2 fuel oil per year.
d.	OAC rule 3745-17-07(A)(1) OAC rule 3745-17-10(B)(1)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
e.	OAC rule 3745-18-06(D)	When burning No. 2 fuel oil, the emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
f.	40 CFR Part 60, Subpart Dc	The requirements specified by this rule are equivalent to the requirements established pursuant to OAC rule 3745-31-05(A)(3).
g.	40 CFR Part 63, Subpart JJJJJJ	The permittee is exempt from the area source MACT requirements pursuant to 40 CFR Part 63.11195(e) of Subpart JJJJJJ as long as this emissions unit complies with the following requirements: gas-fired boiler as defined in 63.11237 which states a boiler that primarily burns gas is still considered a gas-fired boiler even if it also burns oil or other liquid fuel during periods of gas curtailment, gas supply emergencies, or for periodic testing not to exceed 48 hours during any calendar year.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		See c)(4).

(2) Additional Terms and Conditions

a. The emission limitations for CO and VOC are based on natural gas usage, which provides a greater rate of emissions than No. 2 fuel oil usage. The emission limitations for PE and NO_x are based on No. 2 fuel oil usage, which provides a greater rate of emissions than natural gas usage. The annual emission limitation for SO_2 is based on a restricted usage of 700,000 gallons of No. 2 fuel oil per year.

b. The lb/mmBtu actual heat input and tons per year emission limitations, except for SO_2, are based on the emissions unit's potential to emit. Therefore, no monitoring, record keeping, and reporting requirements are necessary to ensure ongoing compliance with these emission limitations.

c) Operational Restrictions

(1) The permittee shall burn only natural gas and/or No. 2 fuel oil in each boiler.

(2) The quality of No. 2 fuel oil received for burning in each boiler shall have a combination of sulfur content and heat content sufficient to comply with the allowable SO_2 emission limitation of 0.50 lb/mmBtu of actual heat input and the sulfur content limitation for No. 2 fuel oil of less than or equal to 0.5 weight percent sulfur.

(3) The maximum annual No. 2 fuel oil usage rate for each boiler shall not exceed 700,000 gallons per year.

(4) For emission units B004 and B005, the permittee shall burn only natural gas except during periods of gas curtailment, natural gas supply emergencies, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain records of the oil burned in each boiler in accordance with either Alternative 1 or Alternative 2 described below.

a. Alternative 1:

For each shipment of oil received for burning in each boiler, the permittee shall collect or require the oil supplier to collect a representative grab sample of oil and maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated SO_2 emission rate (in lb/mmBtu). [The SO_2 emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F)]. A shipment may be comprised of multiple tank truck loads from the same supplier's batch,

and the quality of the oil for those loads may be represented by a single batch analysis from the supplier.

b. Alternative 2:

The permittee shall collect a representative grab sample of oil that is burned in each boiler for each day when the boiler is in operation. If additional fuel oil is added to the tank serving each boiler on a day when the boiler is in operation, the permittee shall collect a sufficient number of grab samples to develop a composite sample representative of the fuel oil burned in this emissions unit. A representative grab sample of oil does not need to be collected on days when the boiler is only operated for the purpose of "test-firing." The permittee shall maintain records of the total quantity of oil burned each day, except for the purpose of test-firing, the permittee's analyses for sulfur content and heat content, and the calculated SO_2 emission rate (in lb/mmBtu). [The SO_2 emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F)].

c. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240 and D4294), or equivalent methods as approved by the Director.

(2) The owner or operator of each affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

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

a. the total volume of natural gas ($mmft^3$) burned in each boiler; and

b. the total number of gallons of No. 2 fuel oil used in each boiler.

(4) The permittee shall maintain a record of the total number of gallons of No. 2 fuel oil used each year.

e) Reporting Requirements

(1) The permittee shall notify the Ohio EPA Northeast District Office in writing of any fuel burned in this emissions unit other than natural gas or No. 2 fuel oil.

(2) The permittee shall notify the Ohio EPA Northeast District Office in writing of any record which shows a deviation of the allowable SO_2 emission limitation and/or sulfur content limitation based upon the record keeping requirements specified in d)(1) above.

(3) The notifications identified in e)(1) and e)(2) shall include a copy of such record and shall be sent to the Ohio EPA Northeast District Office within 45 days after the deviation occurs.

(4) 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 12 months for each air contaminant source identified in this permit.

(5) 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 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 each boiler stack shall not exceed 10% opacity, as a 6-minute average, except for one 6-minute period per hour of not more than 27% opacity.

Applicable Compliance Method:

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

b. Emission Limitations:

NO_x emissions from each boiler shall not exceed 0.14 lb/mmBtu and 7.88 tons/year.

Applicable Compliance Method:

The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.3, Table 1.3-1 (9/98). Compliance with the lb/mmBtu emission limitation may be determined by converting the 20 lbs $NO_x/10^3$ gal emission factor into lb NO_x/mmBtu by dividing by 140 mmBtu/10^3 gal. Compliance with the annual emission limitation may be demonstrated by multiplying the lb NO_x/mmBtu value

by the maximum rated heat input capacity of the emissions unit (in mmBtu/hr), then multiplying by 8760 hrs/yr and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance with the lb/mmBtu emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and Method 7.

c. Emission Limitations:

CO emissions from each boiler shall not exceed 0.082 lb/mmBtu and 4.54 tons/year.

Applicable Compliance Method:

The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.4, Table 1.4-1 (7/98). Compliance with the lb/mmBtu emission limitation may be determined by converting the 84 lbs CO/10^6 scf emission factor into lb CO/mmBtu by dividing by 1,020 Btu/scf. Compliance with the annual emission limitation may be demonstrated by multiplying the lb CO/mmBtu value by the maximum rated heat input capacity of the emissions unit (in mmBtu/hr), then multiplying by 8760 hrs/yr and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance with the lb/mmBtu emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and Method 10.

d. Emission Limitations:

VOC emissions from each boiler shall not exceed 0.005 lb/mmBtu and 0.30 ton/year.

Applicable Compliance Method:

The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.4, Table 1.4-2 (7/98). Compliance with the lb/mmBtu emission limitation may be determined by converting the 5.5 lbs VOC/10^6 scf emission factor into lb VOC/mmBtu by dividing by 1,020 Btu/scf. Compliance with the annual emission limitation may be demonstrated by multiplying the lb VOC/mmBtu value by the maximum rated heat input capacity of the emissions unit (in mmBtu/hr), then multiplying by 8760 hrs/yr and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance with the lb/mmBtu emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and Method 25.

e. Emission Limitations:

SO_2 emissions from each boiler shall not exceed 0.50 lb/mmBtu and 24.85 tons/year.

Applicable Compliance Method:

The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.3, Table 1.3-1 (9/98). Compliance with the lb/mmBtu emission limitation shall be based upon the record keeping in d)(1) and d)(3). Compliance with the annual emission limitation shall be determined by multiplying the annual average lb SO_2/mmBtu value by the annual average heat content and the total gallons on No. 2 fuel oil burned, and then dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance with the lb/mmBtu emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and Method 6.

f. Emission Limitations:

PE from each boiler shall not exceed 0.014 lb/mmBtu and 0.79 ton/year.

Applicable Compliance Method:

The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.3, Table 1.3-1 (9/98). Compliance with the lb/mmBtu emission limitation may be determined by converting the 2 lbs PE/10^3 gal emission factor into lbs PE/mmBtu by dividing by 140 mmBtu/10^3 gal. Compliance with the annual emission limitation may be demonstrated by multiplying the lb PE/mmBtu value by the maximum rated heat input capacity of the emissions unit (in mmBtu/hr), then multiplying by 8760 hrs/yr and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance with the lb/mmBtu emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

g. Sulfur Content Limitation:

The sulfur content limitation for the No. 2 fuel oil employed in each emissions unit shall be less than or equal to 0.5 weight percent sulfur.

Applicable Compliance Method:

Compliance shall be demonstrated by the record keeping requirement specified in section d)(1).

g) Miscellaneous Requirements

(1) The requirements of this Federally Enforceable Permit-to-Install and Operate (FEPTIO) shall supersede the requirements contained in FEPTIO P0084305.

2. Emissions Unit Group - 19 mmBtu/hr Boilers: B001, B002, B003

EU ID	Operations, Property and/or Equipment Description
B001	19 mmBtu/hr Boiler 1. Primary fuel is natural gas, secondary is No 2 fuel oil. Fuel contains less than 0.5% sulfur by weight.
B002	19 mmBtu/hr Boiler 2. Primary fuel is natural gas, secondary is No 2 fuel oil. Fuel contains less than 0.5% sulfur by weight.
B003	19 mmBtu/hr Boiler 3. Primary fuel is natural gas, secondary is No 2 fuel oil. Fuel contains less than 0.5% sulfur by weight.

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. b)(1)c, c)(3), d)(4)

(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)a, & d-h, b)(2)a-d, c)(1), c)(2), d)(1), d)(2), d)(3), e)(1), e)(2), e(3), e(4), f)(1)a-g, g)(1)

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(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. 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)	Sulfur dioxide (SO_2) emissions from each boiler shall not exceed 0.50 lb/mmBtu and 24.85 tons/year. Particulate emissions (PE) from each boiler shall not exceed 0.014 lb/mmBtu and 1.19 tons/year. Nitrogen oxide (NO_x) emissions from each boiler shall not exceed 0.14 lb/mmBtu and 11.89 tons/year. Carbon monoxide (CO) emissions from

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		each boiler shall not exceed 0.082 lb/mmBtu and 6.85 tons/year. Volatile organic compound (VOC) emissions from each boiler shall not exceed 0.005 lb/mmBtu and 0.45 ton/year. Visible particulate emissions from each boiler shall not exceed 10% opacity, as a 6-minute average, except for one 6-minute period per hour of not more than 27% opacity. The requirements of this rule also include compliance with the requirements of OAC rules 3745-31-05(E). See b)(2)a and b)(2)b.
b.	OAC rule 3745-31-05(D)(1)(b)	See B.2, B.3, B.4 and B.5.
c.	OAC rule 3745-31-05(E)	Each boiler shall not use more than 700,000 gallons of No. 2 fuel oil per year.
d.	OAC rule 3745-17-07(A)(1) OAC rule 3745-17-10(B)(1)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
e.	OAC rule 3745-18-06(D)	When burning No. 2 fuel oil, the emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
f.	40 CFR Part 60, Subpart Dc	The requirements specified by this rule are equivalent to the requirements established pursuant to OAC rule 3745-31-05(A)(3).
g.	40 CFR Part 63, Subpart JJJJJJ	The permittee is exempt from the area source MACT requirements pursuant to 40 CFR Part 63.11195(e) of Subpart JJJJJJ as long as this emissions unit complies with the following requirements: gas-fired boiler as defined in 63.11237 which states a boiler that primarily burns gas is still considered a gas-fired boiler even if it also burns oil or other liquid fuel during periods of gas curtailment, gas supply emergencies, or for periodic testing not to exceed 48 hours during any

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		calendar year. See c)(4).

(2) Additional Terms and Conditions

a. The emission limitations for CO and VOC are based on natural gas usage, which provides a greater rate of emissions than No. 2 fuel oil usage. The emission limitations for PE and NO_x are based on No. 2 fuel oil usage, which provides a greater rate of emissions than natural gas usage. The annual emission limitation for SO_2 is based on a restricted usage of 700,000 gallons of No. 2 fuel oil per year.

b. The lb/mmBtu actual heat input and tons per year emission limitations, except for SO_2, are based on the emissions unit's potential to emit. Therefore, no monitoring, record keeping, and reporting requirements are necessary to ensure ongoing compliance with these emission limitations.

c) Operational Restrictions

(1) The permittee shall burn only natural gas and/or No. 2 fuel oil in each boiler.

(2) The quality of No. 2 fuel oil received for burning in each boiler shall have a combination of sulfur content and heat content sufficient to comply with the allowable SO_2 emission limitation of 0.50 lb/mmBtu of actual heat input and the sulfur content limitation for No. 2 fuel oil of less than or equal to 0.5 weight percent sulfur.

(3) The maximum annual No. 2 fuel oil usage rate for each boiler shall not exceed 700,000 gallons per year.

(4) For emission units B001 through B003, the permittee shall burn only natural gas except during periods of gas curtailment, natural gas supply emergencies, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain records of the oil burned in each boiler in accordance with either Alternative 1 or Alternative 2 described below.

a. Alternative 1:

For each shipment of oil received for burning in each boiler, the permittee shall collect or require the oil supplier to collect a representative grab sample of oil and maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated SO_2 emission rate (in lb/mmBtu). [The SO_2 emission rate shall be calculated in

accordance with the formula specified in OAC rule 3745-18-04(F)]. A shipment may be comprised of multiple tank truck loads from the same supplier's batch, and the quality of the oil for those loads may be represented by a single batch analysis from the supplier.

b. Alternative 2:

The permittee shall collect a representative grab sample of oil that is burned in each boiler for each day when the boiler is in operation. If additional fuel oil is added to the tank serving the boiler on a day when the boiler is in operation, the permittee shall collect a sufficient number of grab samples to develop a composite sample representative of the fuel oil burned in each boiler. A representative grab sample of oil does not need to be collected on days when the boiler is only operated for the purpose of "test-firing." The permittee shall maintain records of the total quantity of oil burned each day, except for the purpose of test-firing, the permittee's analyses for sulfur content and heat content, and the calculated SO_2 emission rate (in lb/mmBtu). [The SO_2 emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F)].

c. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240 and D4294), or equivalent methods as approved by the Director.

(2) The owner or operator of each affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

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

a. the total volume of natural gas (mmft^3) burned in this emissions unit; and

b. the total number of gallons of No. 2 fuel oil used in this boiler.

(4) The permittee shall maintain a record of the total number of gallons of No. 2 fuel oil used each year.

e) Reporting Requirements

(1) The permittee shall notify the Ohio EPA Northeast District Office in writing of any fuel burned in each boiler other than natural gas or No. 2 fuel oil.

(2) The permittee shall notify the Ohio EPA Northeast District Office in writing of any record which shows a deviation of the allowable SO_2 emission limitation and/or sulfur content limitation based upon the record keeping requirements specified in d)(1) above.

(3) The notifications identified in e)(1) and e)(2) shall include a copy of such record and shall be sent to the Ohio EPA Northeast District Office within 45 days after the deviation occurs.

(4) 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 12 months for each air contaminant source identified in this permit.

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

a. <u>Emission Limitation</u>:

Visible particulate emissions from each boiler shall not exceed 10% opacity, as a 6-minute average, except for one 6-minute period per hour of not more than 27% opacity.

<u>Applicable Compliance Method</u>:

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

b. <u>Emission Limitations</u>:

NO_x emissions from each boiler shall not exceed 0.14 lb/mmBtu and 11.89 tons/year.

<u>Applicable Compliance Method</u>:

The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.3, Table 1.3-1 (9/98). Compliance with the lb/mmBtu emission limitation may be determined by converting the 20 lbs $NO_x/10^3$ gal emission factor into lb

NO_x/mmBtu by dividing by 140 mmBtu/10^3 gal. Compliance with the annual emission limitation may be demonstrated by multiplying the lb NO_x/mmBtu value by the maximum rated heat input capacity of the emissions unit (in mmBtu/hr), then multiplying by 8760 hrs/yr and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance with the lb/mmBtu emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and Method 7.

c. Emission Limitations:

CO emissions from each boiler shall not exceed 0.082 lb/mmBtu and 6.85 tons/year.

Applicable Compliance Method:

The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.4, Table 1.4-1 (7/98). Compliance with the lb/mmBtu emission limitation may be determined by converting the 84 lbs CO/10^6 scf emission factor into lb CO/mmBtu by dividing by 1,020 Btu/scf. Compliance with the annual emission limitation may be demonstrated by multiplying the lb CO/mmBtu value by the maximum rated heat input capacity of the emissions unit (in mmBtu/hr), then multiplying by 8760 hrs/yr and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance with the lb/mmBtu emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and Method 10.

d. Emission Limitations:

VOC emissions from each boiler shall not exceed 0.005 lb/mmBtu and 0.45 ton/year.

Applicable Compliance Method:

The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.4, Table 1.4-2 (7/98). Compliance with the lb/mmBtu emission limitation may be determined by converting the 5.5 lbs VOC/10^6 scf emission factor into lb VOC/mmBtu by dividing by 1,020 Btu/scf. Compliance with the annual emission limitation may be demonstrated by multiplying the lb VOC/mmBtu value by the maximum rated heat input capacity of the emissions unit (in mmBtu/hr), then multiplying by 8760 hrs/yr and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance with the lb/mmBtu emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and Method 25.

e. Emission Limitations:

SO_2 emissions from each boiler shall not exceed 0.50 lb/mmBtu and 24.85 tons/year.

Applicable Compliance Method:

The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.3, Table 1.3-1 (9/98). Compliance with the lb/mmBtu emission limitation shall be based upon the record keeping in d)(1) and d)(3). Compliance with the annual emission limitation shall be determined by multiplying the annual average lb SO_2/mmBtu value by the annual average heat content and the total gallons on No. 2 fuel oil burned, and then dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance with the lb/mmBtu emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and Method 6.

f. Emission Limitations:

PE from each boiler shall not exceed 0.014 lb/mmBtu and 1.19 tons/year.

Applicable Compliance Method:

The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.3, Table 1.3-1 (9/98). Compliance with the lb/mmBtu emission limitation may be determined by converting the 2 lbs PE/10^3 gal emission factor into lbs PE/mmBtu by dividing by 140 mmBtu/10^3 gal. Compliance with the annual emission limitation may be demonstrated by multiplying the lb PE/mmBtu value by the maximum rated heat input capacity of the emissions unit (in mmBtu/hr), then multiplying by 8760 hrs/yr and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance with the lb/mmBtu emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

g. Sulfur Content Limitation:

The sulfur content limitation for the No. 2 fuel oil employed in each emissions unit shall be less than or equal to 0.5 weight percent sulfur.

Applicable Compliance Method:

Compliance shall be demonstrated by the record keeping requirement specified in section d)(1).

g) Miscellaneous Requirements

(1) The requirements of this Federally Enforceable Permit-to-Install and Operate (FEPTIO) shall supersede the requirements contained in FEPTIO P0084305.

3. Emissions Unit Group - UST - 1, 2, 5: T001, T002, T003

EU ID	Operations, Property and/or Equipment Description
T001	UST-1: 12,000 gallon fuel oil storage tank 1, with submerged fill, for boiler. Variable vapor space tank, cylindrical, fiberglass shell material, underground.
T002	UST-2: 12,000 gallon fuel oil storage tank 2, with submerged fill, for boiler. Variable vapor space tank, cylindrical, fiberglass shell material, underground.
T003	UST-5: 12,000 gallon fuel oil storage tank 3, with submerged fill, for boiler. Variable vapor space tank, cylindrical, fiberglass shell material, underground.

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. None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(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. 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)	See b)(2)a and b)(2)b.
b.	OAC rule 3745-21-09(L)	Exempt. See b)(2)c.
c.	40 CFR Part 60, Subpart Kb	Exempt. See b)(2)d.

(2) Additional Terms and Conditions

a. Organic compound (OC) emissions from emissions units T001, T002 and T003, combined, shall not exceed 8.28 tons/year.

b. The permittee shall employ a submerged fill pipe on each of emissions units T001, T002 and T003.

c. In accordance with OAC rule 3745-21-09(L)(2), each storage tank is exempt from the requirements of OAC rule 3745-21-09(L)(1) because each tank has a capacity of less than 40,000 gallons.

d. In accordance with 40 CFR 60.110b(a), each storage tank is exempt from the requirements of Subpart Kb because each tank has a capacity less than 75 m^3 (19,815 gallons).

c) Operational Restrictions

(1) Each storage tank shall contain only diesel fuel (distillate fuel no. 2) with a maximum vapor pressure no greater than 15.0 kPa (2.176 psi).

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain monthly records of the following information for each of emissions units T001, T002 and T003:

a. the throughput of diesel fuel, in gallons per month; and

b. the throughput of diesel fuel to date for the calendar year, in gallons per year.

(2) The permittee shall keep readily accessible records showing the dimension of each storage tank and an analysis showing the capacity of each tank for the life of the tank.

e) Reporting Requirements

(1) 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 12 months for each air contaminant source identified in this permit.

(2) 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 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:

OC emissions from emissions units T001, T002 and T003, combined, shall not exceed 8.28 tons/year.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the calculation of the annual OC emissions, in tons per year, using the most recent version of U.S. EPA's TANKS software.

g) Miscellaneous Requirements

(1) The requirements of this Federally Enforceable Permit-to-Install and Operate (FEPTIO) shall supersede the requirements contained in FEPTIO P0084305.