Ohio Environmental Protection Agency

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

10/31/2016

Certified Mail

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
Yes	MACT/GACT
No	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED
No	MAJOR GHG
No	SYNTHETIC MINOR TO AVOID MAJOR GHG

Paul Morton
PAINESVILLE MUNICIPAL ELECTRIC PLANT
325 Richmond Street
Painesville, OH 44077-3263

RE: DRAFT AIR POLLUTION PERMIT-TO-INSTALL
Facility ID: 0243110008
Permit Number: P0120614
Permit Type: Administrative Modification
County: Lake

Dear Permit Holder:

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

Andrew Hall
Permit Review/Development Section
Ohio EPA, DAPC
50 West Town Street, Suite 700
P.O. Box 1049
Columbus, Ohio 43216-1049

and

Ohio EPA DAPC, Northeast District Office
2110 East Aurora Road
Twinsburg, OH 44087

Comments and/or a request for a public hearing will be accepted within 30 days of the date the notice is published in the newspaper. You will be notified in writing if a public hearing is scheduled. A decision on issuing a final permit-to-install will be made after consideration of comments received and oral testimony if a public hearing is conducted.Any permit fee that will be due upon issuance of a final Permit-to-Install is indicated in the Authorization section. Please do not submit any payment now.If you have any questions, please contact Ohio EPA DAPC, Northeast District Office at (330)963-1200.

Sincerely,

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

Cc: U.S. EPA Region 5 *-Via E-Mail Notification*
Ohio EPA-NEDO; Pennsylvania; Canada

Permit Strategy Write-Up

1. Check all that apply:

   Synthetic Minor Determination

   Netting Determination

   _X__ PTI Admin Mod (Capacity factor restriction to qualify as a coal-fired "limited use boiler" per 40 CFR Part 63, subpart DDDDD)

2. Source Description:

   The City of Painesville owns and operates a municipal electric plant that provides electricity to approximately 12,000 customers in the City of Painesville and surrounding communities. The facility has been in operation sincethe 1920's. The electric plant consists of three bituminous coal-fired boilers that supply steam to four turbine generators to produce electricity. Each of the boilers may be configured to supply steam to any one of the four turbines. Each turbine has a generating capacity less than 25 MW.

   The facility utilizes the following permitted units:

EU ID	EU Description
B001	250 MMBtu/hr Pulverized Coal-Fired Boiler #5
B003	218.5 MMBtu/hr Stoker Coal-Fired Boiler #3
B004	379 MMBtu/hr Stoker Coal-Fired Boiler #4
B006	5.2 MMBtu/hr Natural Gas-Fired Boiler
B007	5.2 MMBtu/hr Natural Gas-Fired Boiler
F001	Paved and unpaved roads and parking areas on plant property.
F002	Coal storage pile
F003	Coal material handling equipment
T001	100,000 Gallon Fuel Oil Storage Tank (registration status)

3. Facility Emissions and Attainment Status:

   The Painesville Utility Plant is located in Lake County which is designated nonattainment for Ozone and SO_2 and is a major source for NO_x, PM_{10}, $PM_{2.5}$, SO_2, CO, VOC, and HAPs and therefore subject to Major Source provisions of 40 CFR Part 63, Subpart DDDDD. B001, B003, and B004 are subject to 40 CFR Part 63, Subpart DDDDD (Boiler MACT). On December 18, 2015, the Ohio EPA issued a one-year Boiler MACT compliance extension which expires on January 31, 2017. Since the emissions units are less than 25 MW each, the boilers are NOT subject to 40 CFR Part 63, Subpart UUUUU (the Utility MATS/MACT Rule).

Per 40 CFR Part 63, Subpart DDDDD, the facility has requested a PTI Administrative Modification to identify emissions units B001, B003, and B004 as coal-fired "limited use" boilers when operating as an auxiliary boiler.

4. Source Emissions:

Per the facility's application, emissions units B001, B003, and B004 will have the following emissions as auxiliary boilers:

Pollutant (tons/yr)	**B001**	**B003**	**B004**
PM/PM_{10}	306.7	63.3	109.8
$PM_{2.5}$	296.5	53.5	92.9
NO_x	887.0	669.9	1162.9
CO	22.3	189.6	329.2
VOC	2.7	1.9	3.29
SO_2	4633.8	4382.0	7606.8

Per OAC rule 3745-31-05(D) when operating as limited-use auxiliary boilers, the permit imposes the following maximum annual heat input for these emissions units: shall not exceed 990,756 MMBtu, based upon a rolling, 12-month summation of the monthly heat input values.

Emissions Unit	**Maximum Annual Heat Input (based upon a rolling, 12-month summation of the monthly heat input values)**
B001	219,000 MMBtu
B003	191,406 MMbtu
B004	332,004 MMBtu

The permittee must maintain sufficient records to demonstrate compliance with the annual heat input limitation upon permit issuance in order to qualify as a "limited use boiler" per 40 CFR Part 63, Subpart DDDDD and the following requirements also apply as a limited use boiler:

i. This emissions unit is identified as a limited use boiler and is not subject to the emission limits in Table 2 of the subpart, the operating limits in Table 4 of the subpart, or the energy assessment requirements in Table 3 of the subpart.

ii. The limited-use boiler is subject to 5-year tune-up requirements, conducted in accordance with 40 CFR 63.7540(a)(10)(i) through (vi) and Table 3 to the subpart: Each limited-use boiler identified above shall have a federally enforceable average annual capacity factor of no more than 10%.

5. Conclusion:

The permit terms and conditions contained in this federally enforceable permit are adequate to ensure that the "limited use boiler" thresholds per 40 CFR Part 63, Subpart DDDDD will be met.

PUBLIC NOTICE

The following matters are the subject of this public notice by the Ohio Environmental Protection Agency. The complete public notice, including any additional instructions for submitting comments, requesting information, a public hearing, or filing an appeal may be obtained at:http://epa.ohio.gov/actions.aspx or Hearing Clerk, Ohio EPA, 50 W. Town St., Columbus, Ohio 43215. Ph: 614-644-2129 email:HClerk@epa.ohio.gov

Draft Air Pollution Permit-to-Install Administrative Modification
PAINESVILLE MUNICIPAL ELECTRIC PLANT
325 Richmond Street,, Painesville, OH 44077-3263
ID#:P0120614
Date of Action: 10/31/2016
Permit Desc:Administrative Modification to identify emissions units B001, B003, and B004 as coal-fired "limited use" boilers when operating as auxiliary boilers..
Per 40 CFR Part 63, Subpart DDDDD, the facility has requested a PTI Administrative Modification to identify emissions units B001, B003, and B004 as coal-fired "limited use" boilers when operating as auxiliary boilers to satisfy USEPA¿s Boiler MACT requirements. In addition, emissions limitations established under OAC 3745-18-49(F) are being incorporated to reduce the emissions of sulfur dioxide to levels that demonstrate compliance with the National Ambient Air Quality Standard for sulfur dioxide. These limits were developed and established as a part of Ohio¿s State Implementation Demonstration submitted to USEPA on April 3 and October 15, 2015. The attainment demonstration technical analyses can be found here: http://www.epa.ohio.gov/dapc/SIP/so2.aspx The permit and complete instructions for requesting information or submitting comments may be obtained at: http://epa.ohio.gov/dapc/permitsonline.aspx by entering the ID # or: Corey Kurjian, Ohio EPA DAPC, Northeast District Office, 2110 East Aurora Road, Twinsburg, OH 44087. Ph: (330)963-1200

DRAFT

Division of Air Pollution Control
Permit-to-Install
for
PAINESVILLE MUNICIPAL ELECTRIC PLANT

Facility ID:	0243110008
Permit Number:	P0120614
Permit Type:	Administrative Modification
Issued:	10/31/2016
Effective:	To be entered upon final issuance

Ohio Environmental Protection Agency

Division of Air Pollution Control
Permit-to-Install
for
PAINESVILLE MUNICIPAL ELECTRIC PLANT

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Authorization

Facility ID:	0243110008
Facility Description:	
Application Number(s):	A0055556
Permit Number:	P0120614
Permit Description:	Administrative Modification to identify emissions units B001, B003, and B004 as coal-fired "limited use" boilers when operating as auxiliary boilers.
Permit Type:	Administrative Modification
Permit Fee:	$2,125.00*DO NOT send payment at this time, subject to change before final issuance*
Issue Date:	10/31/2016
Effective Date:	To be entered upon final issuance

This document constitutes issuance to:

PAINESVILLE MUNICIPAL ELECTRIC PLANT
325 Richmond Street
Painesville, OH 44077-3263

of a Permit-to-Install 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 a Permit-to-Install for the 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 emissions unit(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 and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Craig W. Butler
Director

Authorization (continued)

Permit Number: P0120614
Permit Description: Administrative Modification to identify emissions units B001, B003, and B004 as coal-fired "limited use" boilers when operating as auxiliary boilers.

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

Emissions Unit ID:	**B001**
Company Equipment ID:	COAL FIRED BOILER #5
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**B003**
Company Equipment ID:	COAL FIRED BOILER #3
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**B004**
Company Equipment ID:	COAL FIRED BOILER #4
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable

A. Standard Terms and Conditions

1. Federally Enforceable Standard Terms and Conditions

a) All Standard Terms and Conditions are federally enforceable, with the exception of those listed below which are enforceable under State law only:

(1) Standard Term and Condition A.2.a), Severability Clause

(2) Standard Term and Condition A.3.c) through A. 3.e)General Requirements

(3) Standard Term and Condition A.6.c) and A. 6.d), Compliance Requirements

(4) Standard Term and Condition A.9., Reporting Requirements

(5) Standard Term and Condition A.10., Applicability

(6) Standard Term and Condition A.11.b) through A.11.e), Construction of New Source(s) and Authorization to Install

(7) Standard Term and Condition A.14., Public Disclosure

(8) Standard Term and Condition A.15., Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

(9) Standard Term and Condition A.16., Fees

(10) Standard Term and Condition A.17., Permit Transfers

2. Severability Clause

a) A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.

b) All terms and conditions designated in parts B and C of this permit are federally enforceable as a practical matter, if they are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA and the State and by citizens (to the extent allowed by section 304 of the Act) under the Act. Terms and conditions in parts B and C of this permit shall not be federally enforceable and shall be enforceable under State law only, only if specifically identified in this permit as such.

3. General Requirements

a) Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and re-issuance, or modification.

b) It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.

c) This permit may be modified, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.

d) This permit does not convey any property rights of any sort, or any exclusive privilege.

e) The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

4. Monitoring and Related Record Keeping and Reporting Requirements

a) Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

(1) The date, place (as defined in the permit), and time of sampling or measurements.

(2) The date(s) analyses were performed.

(3) The company or entity that performed the analyses.

(4) The analytical techniques or methods used.

(5) The results of such analyses.

(6) The operating conditions existing at the time of sampling or measurement.

b) Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

c) Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:

(1) Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the Ohio EPA DAPC, Northeast District Office.

(2) Quarterly written reports of (i) any deviations from federally enforceable emissionlimitations, operationalrestrictions, andcontroldeviceoperatingparameterlimitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the Ohio EPA DAPC, Northeast District Office. The written reports shall be submitted quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. See A.15. below if no deviations occurred during the quarter.

(3) Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, andreportingrequirements contained in this permit shall be submitted to the Ohio EPA DAPC, Northeast District Office every six months, by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.

(4) This permit is for an emissions unit located at a Title V facility. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

d) The permittee shall report actual emissions pursuant to OAC Chapter 3745-78 for the purpose of collecting Air Pollution Control Fees.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset, of any emissions units or any associated air pollution control system(s) shall be reported to theOhio EPA DAPC, Northeast District Officein accordance with paragraph (B) of OAC rule 3745-15-06. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to OAC rule 3745-15-06.

Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emission unit(s) that is (are) served by such control system(s).

6. Compliance Requirements

a) 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 appropriate Ohio EPA District Office or contracted

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 electronic signature date shall constitute the date that the required application, notification or report is considered to be "submitted". Any document requiring signature may be represented by entry of the personal identification number (PIN) by responsible official as part of the electronic submission process or by the scanned attestation document signed by the Authorized Representative that is attached to the electronically submitted written report.

Any document (including reports) required to be submitted and required by a federally applicable requirement in this permit shall include a certification by a Responsible Official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete

b) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:

(1) At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.

(2) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with ORC section 3704.08.

(3) Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.

(4) As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.

c) The permittee shall submit progress reports to the Ohio EPA DAPC, Northeast District Office concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:

(1) Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.

(2) An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

7. Best Available Technology

As specified in OAC Rule 3745-31-05, new sources that must employ Best Available Technology (BAT) shall comply with the Applicable Emission Limitations/Control Measures identified as BAT for each subject emissions unit.

8. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

9. Reporting Requirements

The permittee shall submit required reports in the following manner:

a) Reports of any required monitoring and/or recordkeeping of state-only enforceable information shall be submitted to the Ohio EPA DAPC, Northeast District Office.

b) Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from state-only required emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to theOhio EPA DAPC, Northeast District Office. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

10. Applicability

This Permit-to-Install is applicable only to the emissions unit(s) identified in the Permit-to-Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s)not exempt from the requirement to obtain a Permit-to-Install.

11. Construction of New Sources(s) and Authorization to Install

a) This permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. This permit does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the application and terms and conditions of this permit. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of this permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Issuance of this permit 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 the requirements of this permit or cannot meet applicable standards.

b) If applicable, authorization to install any new emissions unit included in this permit shall terminate within eighteen months of the effective date of the permit if the owner or operator has not undertaken a continuing program of installation or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation. 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 permittee shows good cause for any such extension.

c) The permittee may notify Ohio EPA of any emissions unit that is permanently shut down (i.e., 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) by submitting a certification from the authorized official that identifies the date on which the emissions unit was permanently shut down. Authorization to operate the affected emissions unit shall cease upon the date certified by the authorized official that the emissions unit was permanently shut down. At a minimum, notification of permanent shut down shall be made or confirmed by marking the affected emissions unit(s) as "permanently shut down" in "Air Services" along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update electronically will constitute notifying the Director of the permanent shutdown of the affected emissions unit(s).

d) The provisions of this permit shall cease to be enforceable for each affected emissions unit after the date on which an emissions unit is permanently shut down (i.e., 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). All records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law. All reports required by this permit must be submitted for any period an affected emissions unit operated prior to permanent shut down. At a minimum, the permit requirements must be evaluated as part of the reporting requirements identified in this permit covering the last period the emissions unit operated.

Unless otherwise exempted,no emissions unit certified by the responsible official as being permanently shut down may resume operation without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31 and OAC Chapter 3745-77 if the restarted operation is subject to one or more applicable requirements.

e) The permittee shall comply with any residual requirements related to this permit, such as the requirement to submit a deviation report, air fee emission report, or other any reporting required by this permit for the period the operating provisions of this permit were enforceable, or as required by regulation or law. All reports shall be submitted in a form and manner prescribed by the Director. All records relating to this permit must be maintained in accordance with law.

12. Permit-To-Operate Application

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 operation of the proposed new or modified source(s) as authorized by this permit would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d)must be <u>obtained before</u>operating the source in a manner that would violate the existing Title V permit requirements.

13. Construction Compliance Certification

The applicant shall identify the following dates in the "Air Services"facility profile for each new emissions unit identified in this permit.

a) Completion of initial installation date shall be enteredupon completion of construction and prior to start-up.

b) Commence operation after installation or latest modification date shall be entered within 90 days after commencing operation of the applicable emissions unit.

14. 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.

15. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

16. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable permit-to-install fees within 30 days after the issuance of any permit-to-install. The permittee shall pay all applicable permit-to-operate fees within thirty days of the issuance of the invoice.

17. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The new owner must update and submit the ownership information via the "Owner/Contact Change" functionality in "Air Services" once the transfer is legally completed.The change must be submitted through "Air Services" within thirty days of the ownership transfer date.

18. Risk Management Plans

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.

19. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

B. Facility-Wide Terms and Conditions

1. All the following facility-wide terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:

   a) Per OAC Chapter 3745-18-49(F), the combined average operating rate from emissions units B001, B003 and B004 shall not exceed two hundred forty-nine MMBtu per hour (249 MMBtu/hr) for any calendar day beginning January 1, 2017.

   b) Per OAC Chapter 3745-18-49(F), the permittee shall operate only one boiler at any time, except during periods of start-up and shutdown beginning January 1, 2017.

   c) The permittee shall maintain daily records of heat input utilizing one of the following procedures:

      (1) Coal burn derived heat input:

         a. the fuel usage of coal for emissions units B001, B003, and B004 in pounds;

         b. the heat input rate for emissions units B001, B003, and B004 in MMBtu (calculated by multiplying d)(1)a by the coal heating value);

         c. the operating time for emissions units B001, B003, and B004, in hours, including start-up and shutdown time; and

         d. the combined average operating rate from emissions units B001, B003, and B004, in MMBtu/hr.

      (2) Monitored heat input:

         a. Monitor the heat input, in MMBtu/hr, for each unit with a computerized system, or by monitoring the hourly steam production with a computerized system, or by monitoring the hourly steam production rate and back-calculating the heat input in accordance with the heat balance method or other approved equivalent method.

         b. the operating time for emissions units B001, B003, and B004, in hours, including start-up and shutdown time; and

         c. the combined average operating rate from emissions units B001, B003, and B004, in MMBtu/hr.

   d) Reporting Requirements

      (1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

         a. all exceedances of the combined average operating rate from emissions units B001, B003, and B004; and

         b. any time in which the permittee operated emissions units B001, B003, and B004 at the same time, excluding start-up and shutdown.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

e) Testing requirements:

(1) Operating Rate Restriction:

The combined average operating rate from emissions units B001, B003, and B004 shall not exceed 249 MMBtu/hr for any calendar day beginning January 1, 2017.

Applicable Compliance Method:

Ongoing compliance with the above operating rate restriction shall be demonstrated based upon the record keeping requirements specified in section B.1.c).

2. The permittee shall ensure that any emissions unit(s) subject to the Cross State Air Pollution Rule (CSAPR) complies/comply with the requirements of the Ohio Administrative Code (OAC) Chapter 3745-109, which includes submitting timely permit applications.

3. Acid Rain Permits and Compliance – OAC chapter 3745-103

The permittee shall ensure that any affected unit complies with the requirements of OAC Chapter 3745-103, which includes submitting timely permit applications. Emissions exceeding any allowances that are lawfully held pursuant to this rule are prohibited. The requirements of this rule will be specified in the Title V permit issued to this facility.

4. All asbestos renovation and demolition activities conducted at this facility shall be performed in accordance with the applicable requirements specified in 40 CFR Part 61, Subpart M.

5. The facility is subject to the applicable requirements specified in OAC Chapter 3745-25. In accordance with Ohio EPA Engineering Guide #64, the emission control action programs, as specified in OAC rule 3745-25-03, shall be developed and submitted within 60 days after receiving notification from the Ohio EPA.

6. When operating emissions units B001, B003, and B004 on and after January 31, 2017, the permittee shall comply with the applicable provisions of the National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers and Process Heaters, as promulgated by the United States Environmental Protection Agency under 40 CFR Part 63, Subpart DDDDD. The final rules found in 40 CFR Part 63, Subpart DDDDD establish national emission standards for hazardous air pollutants (NESHAP), operational limits, work practice standards, and compliance requirements for industrial, commercial, and institutional boilers located at a major source of hazardous air pollutants (HAP).

C. Emissions Unit Terms and Conditions

1. B001, COAL FIRED BOILER #5

Operations, Property and/or Equipment Description:

250 MMBtu/hr Pulverized Coal-Fired Boiler #5

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) b)(1)a, b)(1)d, c)(1), c)(2), c)(3), d)(1), d)(2) and f)(1)c

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(D) (Capacity factor restriction to qualify as a coal-fired "limited use boiler" per 40 CFR Part 63, Subpart DDDDD)	See c)(2).
b.	OAC rule 3745-17-10(C)	Particulate emissions (PE) shall not exceed 0.1 lb/MMBtu of actual heat input.
c.	OAC rule 3745-17-07(A)(1)	Visible PE from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.
d.	OAC rule 3745-18-49(F)	Sulfur dioxide (SO_2) emissions shall not exceed 4.0 lbs/MMBtu of actual heat input.[1]
e.	40 CFR Part 63, Subpart DDDDD (40 CFR 63.7480 – 63.7575) [In accordance with 40 CFR 63.7500(c) this emissions unit is a limited use boiler subject to the tune-up requirements specified in this section.]	Tune-up requirements specified in Table 3 (40 CFR 63.7540). See b)(2)c and b)(2)d.
f.	40 CFR 63.1 – 63.16 (40 CFR 63.7565)	Table 10 to Subpart DDDDD of 40 CFR Part 63 – Applicability of General Provisions to Subpart DDDDD shows which parts of the General Provisions in 40 CFR 63.1 – 63.16 apply.

[1] This emission limitation becomes applicable January 1, 2017.

(2) Additional Terms and Conditions

a. This emissions unit is not subject to the requirements of 40 CFR Part 60, Subpart D (Standards of Performance for Fossil Fuel Fired Generators) or 40 CFR Part 60, Subpart Da (Standards of Performance for Electric Utility Steam Generating Units).

b. This emissions unit shall comply with the requirements for a “limited use boiler” as defined in 40 CFR 63.7575, which requires a federally enforceable annual capacity factor of no more than ten percent, in accordance with 40 CR 63.7500 and 40 CFR 63.7540, which shall apply beginning January 1, 2017 in accordance with OAC rule 3745-18-49(f)(6) and OAC rule 3745-18-02(C)(11).

c. The following conditions apply to emissions unit B001 only when the emissions unit is operating as an industrial boiler subject to 40 CFR Part 63, Subpart DDDDD.

i. This emissions unit is identified as a limited-use boiler and is not subject to the emission limits in Table 2 of the subpart, the operating limits in Table 4 of the subpart, or the energy assessment requirements in Table 3 of the subpart.

ii. The limited-use boiler is subject to 5-year tune-up requirements, conducted in accordance with 40 CFR 63.7540(a)(10)(i) through (vi) and Table 3 to the subpart.

d. An initial tune-up must be completed for emissions unit B001no later thanJanuary 1, 2017. Following the initial compliance date, tune-ups must be conducted for each boiler within the applicable 5-year schedule as specified in 40 CFR 63.7500(a)-(c), 40 CFR 63.7540(a)(10) through (13), and Table 3 to the subpart, unless alternative work practice standards are approved pursuant to 40 CFR 63.6(g). Each subsequent tune-up must occur no more than 61 months after the previous tune-up. If the boiler is not in operation at the time of its scheduled tune-up, the permittee is not required to perform the tune-up at that time but must complete the tune-up within 30 days after the re-start of the boiler. The frequency of tune-ups shall be based on the frequency identified in Table 3 to the subpart.

Each tune-up conducted to demonstrate compliance with the requirements of 40 CFR Part 63, Subpart DDDDD shall include the following elements as applicable:

i. inspection of the burner(s) (and requirement to clean or replace any necessary components);

ii. inspection of the flame pattern and requirement to adjust the burner as necessary to optimize the flame pattern, consistent with the manufacturer’s specifications if applicable;

iii. inspect the air-to-fuel ratio control system to ensure it is correctly calibrated and functioning properly;

iv. optimize total emissions of CO, in correlation with any applicable NO_x standards, consistent with the manufacturer's specification if applicable;

v. measure the concentration of CO (in ppm, by volume) and oxygen (in volume percent) in the effluent gas stream, at the high-fire or typical operating load, and both before and after any adjustments (measurements can be make using a portable CO analyzer);

vi. maintain records of the tune-up, inspection, and any corrective actions taken; and

vii. where more than one type of fuel is used, records of the type and amount of each fuel type burned over the 12 months prior to the tune-up.

e. The permittee shall maintain a written quality assurance/quality control plan for the continuous opacity monitoring system, designed to ensure continuous valid and representative readings of opacity in accordance with 40 CFR Part 60, Appendix F, Procedure 3. The plan shall include, at a minimum, procedures for conducting and recording daily automatic zero/span checks, provisions for conducting a quarterly audit of the continuous opacity monitoring system, and a description of preventive maintenance activities. The plan shall describe step by step procedures for ensuring accurate operation of the continuous opacity monitoring system on a continuous basis. The quality assurance/quality control plan and a logbook dedicated to the continuous opacity monitoring system must be kept on site and available for inspection during regular office hours.

c) Operational Restrictions

(1) When operating emissions unit B001 on or after January 1, 2017:

a. The maximum annual heat input for this emissions unit shall not exceed 219,000 MMBtu, based upon a rolling, 12-month summation of the monthly heat input values.

b. The permittee shall perform all maintenance activities as specified per the manufacturer's recommendations. To the extent practicable, the permittee shall maintain and operate the boiler, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions.

(2) The quality of coal burned in this emission unit shall meet a sulfur content that is sufficient to comply with the allowable sulfur dioxide emission limitation in OAC rule 3745-18-49(F).

[Authority for term: OAC rule 3745-77-07(A)(1)]

(3) The average operating rate from this emissions unit shall not exceed eighty-five MMBtu per hour (85 MMBtu/hr) for any thirty-day period beginning January 1, 2017.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain daily records of heat input utilizing one of the following procedures:

a. Coal burn derived heat input:

i. the fuel usage of coal for emissions unit B001, in pounds;

ii. the heat input rate for emissions unit B001, in MMBtu (calculated by multiplying d)(1)a by the coal heating value);

iii. the operating time for this emissions unit, in hours, including start-up and shutdown time; and

iv. the daily heat input rate from this emissions unit in MMBtu/hr; and

v. the rolling, 30-day average heat input rate from this emissions unit, in MMBtu/hr; and

vi. the rolling, 12-month summation of the monthly heat input rate, in MMBtu.

b. Monitored heat input:

i. the heat input, in MMBtu/hr, for this unit with a computerized system, or by monitoring the hourly steam production rate and back-calculating the heat input in accordance with the heat balance method or other approved equivalent method.

ii. the operating time for this emissions unit, in hours, including start-up and shutdown time; and

iii. the daily heat input rate from this emissions unit in MMBtu/hr; and

iv. the rolling, 30-day average heat input rate from this emissions unit, in MMBtu/hr; and

v. the rolling, 12-month summation of the monthly heat input rate, in MMBtu.

(2) The permittee shall maintain monthly records of the total quantity of coal received, and the results of the analyses for ash content, sulfur content, and heat content.

The permittee shall collect a representative sample of each shipment of coal which is received for burning. The coal sampling shall be performed in accordance with ASTM method D2234, Collection of a Gross Sample of Coal. At the end of each calendar month, the representative samples of coal from all shipments of coal which were received during that calendar month shall be combined into one composite sample.

Each monthly composite sample of coal shall be analyzed for ash content (percent), sulfur content (percent) and heat content (Btu/pound of coal). The analytical methods for ash content, sulfur content and heat content shall be: ASTM method D3274, Ash in

the Analysis of Coal and Coke; ASTM method D3177, Total Sulfur in the Analysis Sample of Coal and Coke or ASTM method D4239, Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion Methods; and ASTM Method D5865, Gross Calorific Value of Coal and Coke, respectively. Alternative, equivalent methods may be used upon written approval form the Ohio EPA, Northeast District Office.

(3) The permittee shall maintain on-site, the document of certification received from the U.S. EPA or the Ohio EPA's Central Office verifying that the continuous opacity monitoring system has been certified to meet the requirements of 40 CFR Part 60, Appendix B, Performance Specification 1. The letter/document of certification shall be made available to the Director (the appropriate Ohio EPA District Office or local air agency) upon request.

Each continuous monitoring system consists of all the equipment used to acquire and record data in units of all applicable standard(s), and includes the sample extraction and transport hardware, sample conditioning hardware, analyzers, and data processing hardware and software.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) The permittee shall operate and maintain the continuous opacity monitoring system to continuously monitor and record the opacity of the particulate emissions from this emissions unit. The continuous opacity monitoring and recording equipment shall be certified to meet the requirements of 40 CFR Part 60, Appendix B, Performance Specification 1.

The permittee shall maintain records of data obtained by the continuous opacity monitoring system including, but not limited to:

a. percent opacity on an instantaneous (one-minute) and 6-minute block average basis;

b. results of daily zero/span calibration checks and the magnitude of manual calibration adjustments;

c. hours of operation of the emissions unit, continuous opacity monitoring system, and control equipment;

d. the date, time, and hours of operation of the emissions unit without the control equipment and/or the continuous opacity monitoring system;

e. the date, time, and hours of operation of the emissions unit during any malfunction of the control equipment and/or the continuous opacity monitoring system; as well as,

f. the reason (if known) and the corrective actions taken (if any) for each such event in (d) and (e).

[Authority for term: OAC rule 3745-77-07(C)(1)]

(5) To obtain an exemption pursuant to OAC rule 3745-17-07(A)(3)(a)(i) or (A)(3)(b)(i), the permittee shall operate and maintain a temperature monitor that measures the temperature of the boiler exhaust gases entering the ESP (a) during all periods of start-up until ESP is operational or until the inlet temperature of the ESP achieves the temperature level specified in OAC rule 3745-17-07(A)(3)(a)(i) and (b) during all periods of shutdown until the inlet temperature of the ESP drops below the temperature level specified in OAC rule 3745-17-07(A)(3)(b)(i). An electronic copy or hardcopy record of the temperature during periods of start-up and shutdown shall be maintained.

The temperature monitor shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee, and shall be capable of accurately measuring the temperature of the boiler exhaust gases in units of degrees Fahrenheit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(6) The permittee shall maintain records of the following information for the boiler(s) in order to meet the record keeping requirements of 40 CFR 63.7525, 40 CFR 63.7555, 40 CFR 63.10(b) and to demonstrate compliance with Subpart DDDDD:

a. a copy of each notification and report that is submitted to comply with Part 63 Subpart DDDDD, including all documentation supporting the Initial Notification and all subsequent Notifications of Compliance Status and/or semiannual compliance reports, according to the requirements in 40 CFR 63.10(b)(2)(xiv);

b. The operating hours and fuel usage records shall be maintained for each boiler that is operated under this subcategory. A copy of the federally enforceable permit restricting the annual capacity factor to no more than 10% shall also be retained.

These records shall be retained in a form suitable and readily available for expeditious review for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. Records must be accessible from onsite for at least two years after the date of the record and may be located off-site for the remaining three years.

[Authority for term: 40 CFR 63.7540(a), 40 CFR 63.7555 and 40 CFR 63. 7560]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. all exceedances of the rolling, 30-day average heat input limitation from this emissions unit.

b. all exceedances of the rolling, 12-month heat input limitation for this emissions unit B001;

c. the total quantity of coal burned (tons);

d. the average sulfur content (percent) of the coal burned (as received); and

e. the average heat content of the coal burned (as received).

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

(2) The permittee shall comply with the following quarterly reporting requirements for the emissions unit and its continuous opacity monitoring system:

a. The permittee shall submit reports within 30 days following the end of each calendar quarter to the appropriate Ohio EPA District Office or local air agency, documenting all instances of opacity values in excess of any limitation specified in this permit, OAC rule 3745-17-07, and any other applicable rules or regulations. The report shall document the date, commencement and completion times, duration, and magnitude (percent opacity) of each 6-minute block average exceeding the applicable opacity limitation(s), as well as, the reason (if known) and the corrective actions taken (if any) for each exceedance.

b. These quarterly reports shall be submitted by January 30, April 30, July 30, and October 30 of each year and shall include the following:

i. the facility name and address;

ii. the manufacturer and model number of the continuous opacity monitor;

iii. a description of any change in the equipment that comprises the continuous opacity monitoring system (COMS), including any change to the hardware, changes to the software that may affect COMS readings, and/or changes in the location of the COMS sample probe;

iv. the excess emissions report (EER)*, i.e., a summary of any exceedances during the calendar quarter, as specified above;

v. the total operating time (hours) of the emissions unit;

vi. the total operating time of the continuous opacity monitoring system while the emissions unit was in operation;

vii. the date, time, and duration of any/each malfunction** of the continuous opacity monitoring system, emissions unit, and/or control equipment;

viii. the date, time, and duration of any downtime** of the continuous opacity monitoring system and/or control equipment while the emissions unit was in operation; and

ix. the reason (if known) and the corrective actions taken (if any) for each event in (b)(vii) and (viii).

Each report shall address the operations conducted and data obtained during the previous calendar quarter.

* where no exceedance of the opacity limit has occurred or the continuous monitoring system(s) has/have not been inoperative, repaired, or adjusted during the calendar quarter, such information shall be documented in the quarterly EER report

** each downtime event shall be reported regardless of whether there is an exceedance of the opacity limit

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall submit, to the appropriate Ohio EPA District Office or Local Air Agency, the following notifications in accordance with the applicable requirements of 40 CFR 63.7545 and 40 CFR 63.9(b)

a. The Initial Notification of Compliance shall be submitted according to 40 CFR 63.9(h)(2)(ii) and the notification must be submitted before the close of business on the 60th day following the completion of all initial compliance demonstrations according to 40 CFR 63.10(d)(2). The initial Notification of Compliance Status report must contain the following information:

i. A description of the facility boilers including

(a) Identification of the subcategory each boiler is in;

(b) The design heat input capacity of the/each unit;

(c) A description of the add-on controls used on each boiler to comply with Subpart DDDDD;

(d) Description of the fuel(s) burned;

(e) Identification of fuel(s) that were determined to be non-waste or fuel(s) processed from discarded non-hazardous secondary materials under 40 CFR 241.3; and

(f) The justification for the selection of fuel(s) burned during the compliance demonstration.

ii. A signed certification that all applicable emission limits and work practice standards have been met;

iii. A description of any deviation(s) from an emission limit, work practice standard, or operating limit, the duration of the deviation, and the corrective action taken;

iv. The following certification(s) of compliance, as applicable must be signed by a responsible official:

(a) Certification that the facility has complied with the required initial tune-up in accordance with 40 CFR 63.7540(a)(10)(i) through (vi);

(b) Except for boilers burning natural gas, refinery gas, or other gas 1 fuel, certification that no secondary materials that are solid waste were combusted in any affected unit.

a. If there are any plans to commence or recommence combustion of solid waste, notification must be made at least 30 days prior to the date combustion of solid waste will commence or recommence. The notification must identify:

v. the name of the owner or operator of the affected source, as defined in 40 CFR 63.7490, the location of the source, the boiler(s) that will commence burning solid waste, and the date of the notice;

vi. the currently applicable subcategories under this subpart;

vii. the date on which you became subject to the currently applicable emission limits; and

viii. the date upon which you will commence combusting solid waste.

b. if there has been a fuel switch or physical change to a boiler, and this fuel switch or change to the boiler has resulted in the applicability of a different subcategory, notification of the switch must be made within 30 days of the switch or change. This notification must identify:

ix. the name of owner or operator of the affected source, as defined in 40 CFR 63.7490, the location of the source, the boiler(s) that have switched fuels or were physically changed;

x. the currently applicable subcategory of the boiler(s);

xi. the date on which the fuel switch or physical change occurred; and

xii. the date of the notice.

(4) The permittee shall submit each applicable report in Table 9 to Part 63, Subpart DDDDD by the dates in Table 9. For boilers that are subject only to a requirement to conduct a 5-year tune-up according to 40 CFR 63.7540(a)(12), and not subject to emission limits or operating limits, only a 5-year compliance report is required.

The first compliance report must cover the period beginning on the Compliance Date that is specified above for each boiler and ending on June 30 or December 31, whichever date is the first date that occurs 5 years after the specified Compliance Date. Unless otherwise approved, the first compliance report must be postmarked or submitted no later than July 31 or January 31, following the end of the first calendar half after the specified Compliance Date. The first 5-year compliance report must be postmarked or delivered no later than January 31. Each subsequent compliance report must be submitted in accordance with the same applicable schedule; and, cover the applicable 5-year period from January 1 to December 31st of each 5-year period.

[Authority for term: 40 CFR 63.7550(a),(b)]

(5) The compliance reports for 40 CFR Part 63, Subpart DDDDD must contain the following information as applicable for each boiler, as provided in 40 CFR 63.7550(c)(1) – c)(4):

a. a company and facility name and address;

b. process unit information, emissions limitations, and operating parameter limitations;

c. the date of report and beginning and ending dates of the reporting period;

d. the total operating time during the reporting period;

e. the date of the most recent tune-up for each unit subject to only the requirement to conduct an annual, biennial, or 5-year tune-up according to 40 CFR 63.7540(a)(12); and include the date of the most recent burner inspection if it was not done annually, biennially, or on a 5-year period, as applicable, and was delayed until the next scheduled or unscheduled shutdown; and

f. a statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.

[Authority for term: 40 CFR 63.7550(a) through (d), 40 CFR Subpart DDDDD Table 9]

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 PE from any stack shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.

<u>Applicable Compliance Method</u>:

Ongoing compliance with the opacity limitation contained in this permit, and any other applicable standard(s) shall be demonstrated through the data collected as required in the Monitoring and Record keeping Section of this permit and through demonstration of compliance with the quality assurance/quality control plan pursuant to 40 CFR Part 60, Appendix F, Procedure 3.

If required, compliance with the visible PE limitation shall be demonstrated in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 9.

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

PE shall not exceed 0.1 lb/MMBtu of actual heat input.

Applicable Compliance Method:

Compliance with the PE limitation shall be demonstrated based upon the results of stack testing as required in f)(2).

c. Emission Limitation:

SO_2 emissions shall not exceed 4.0 lbs/MMBtu of actual heat input

Applicable Compliance Method:

Compliance shall be demonstrated based upon the fuel analysis records required pursuant to d)(1) and d)(2) and the applicable equation in OAC rule 3745-18-04(F).

If required, compliance with the SO_2 emission limitation shall be demonstrated in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 4 and 6.

d. Operating Rate Restriction:

The average operating rate from this emissions unit shall not exceed eighty-five MMBtu per hour (85 MMBtu/hr) for any thirty-day period beginning January 1, 2017.

Applicable Compliance Method:

Ongoing compliance with the above operating rate restriction shall be demonstrated based upon the record keeping requirements specified in section d)(1) in accordance with OAC rule 3745-18-04(D)(10).

[Authority for term: OAC rule 3745-18-04(D)]

(2) As long as emissions unit B001 is designated as a limited-use boiler per 40 CFR Part 63, Subpart DDDDD, the permittee shall conduct, or have conducted, particulate emission testing to demonstrate compliance with the allowable particulate emission rate in section b)(1)b in accordance with the following requirements:

a. The testing of emissions unit B001 as a limited-use boiler shall be conducted on 5-year intervals with the next required test to be performed no later than December 14, 2021.

b. Compliance with the allowable mass emission rate for particulate emissions shall be determined in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures in OAC rule 3745-17-03(B)(9).

c. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity.

d. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA Northeast District Office.

The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA Northeast District Office's refusal to accept the results of the emission test(s).

e. Personnel from the Ohio EPA Northeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

f. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA Northeast District Office.

[Authority for term: OAC rule 3745-17-03(B)(9)]

g) Miscellaneous Requirements

(1) None.

2. B003, COAL FIRED BOILER #3

Operations, Property and/or Equipment Description:

218.5 MMBtu/hr Stoker Coal-Fired Boiler #3

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) b)(1)a, b)(1)d, c)(1), c)(2), c)(3), d)(1), d)(2) and f)(1)c

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(D) (Capacity factor restriction to qualify as a coal-fired "limited use boiler" per 40 CFR Part 63, Subpart DDDDD)	See c)(2).
b.	OAC rule 3745-17-10(C)	Particulate emissions (PE) shall not exceed 0.1 lb/MMBtu of actual heat input.
c.	OAC rule 3745-17-07(A)(1)	Visible PE from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.
d.	OAC rule 3745-18-49(F)	Sulfur dioxide (SO_2) emissions shall not exceed 4.0 lbs/MMBtu of actual heat input.[1]
e.	40 CFR Part 63, Subpart DDDDD (40 CFR 63.7480 – 63.7575) [In accordance with 40 CFR 63.7500(c) this emissions unit is a limited use boiler subject to the tune-up requirements specified in this section.]	Tune-up requirements specified in Table 3 (40 CFR 63.7540). See b)(2)c and b)(2)d.
f.	40 CFR 63.1 – 63.16 (40 CFR 63.7565)	Table 10 to Subpart DDDDD of 40 CFR Part 63 – Applicability of General Provisions to Subpart DDDDD shows which parts of the General Provisions in 40 CFR 63.1 – 63.16 apply.

[1] This emission limitation becomes applicable January 1, 2017.

(2) Additional Terms and Conditions

a. This emissions unit is not subject to the requirements of 40 CFR Part 60, Subpart D (Standards of Performance for Fossil Fuel Fired Generators) or 40 CFR Part 60, Subpart Da (Standards of Performance for Electric Utility Steam Generating Units).

b. This emissions unit shall comply with the requirements for a "limited use boiler" as defined in 40 CFR 63.7575, which requires a federally enforceable annual capacity factor of no more than ten percent, in accordance with 40 CR 63.7500 and 40 CFR 63.7540 which shall apply beginning January 1, 2017 in accordance with OAc rule 3745-18-49(f)(6) and OAC rule 3745-18-03(C)(11):

c. The following conditions apply to emissions unit B003 only when the emissions unit is operating as an industrial boiler subject to 40 CFR Part 63, Subpart DDDDD.

i. This emissions unit is identified as a limited-use boiler and is not subject to the emission limits in Table 2 of the subpart, the operating limits in Table 4 of the subpart, or the energy assessment requirements in Table 3 of the subpart.

ii. The limited-use boiler is subject to 5-year tune-up requirements, conducted in accordance with 40 CFR 63.7540(a)(10)(i) through (vi) and Table 3 to the subpart.

d. An initial tune-up must be completed for emissions unit B003 no later than January 1, 2017. Following the initial compliance date, tune-ups must be conducted for each boiler within the applicable 5-year schedule as specified in 40 CFR 63.7500(a)-(c), 40 CFR 63.7540(a)(10) through (13), and Table 3 to the subpart, unless alternative work practice standards are approved pursuant to 40 CFR 63.6(g). Each subsequent tune-up must occur no more than 61 months after the previous tune-up. If the boiler is not in operation at the time of its scheduled tune-up, the permittee is not required to perform the tune-up at that time but must complete the tune-up within 30 days after the re-start of the boiler. The frequency of tune-ups shall be based on the frequency identified in Table 3 to the subpart.

Each tune-up conducted to demonstrate compliance with the requirements of 40 CFR Part 63, Subpart DDDDD shall include the following elements as applicable:

i. inspection of the burner(s) (and requirement to clean or replace any necessary components);

ii. inspection of the flame pattern and requirement to adjust the burner as necessary to optimize the flame pattern, consistent with the manufacturer's specifications if applicable;

iii. inspect the air-to-fuel ratio control system to ensure it is correctly calibrated and functioning properly;

iv. optimize total emissions of CO, in correlation with any applicable NO_x standards, consistent with the manufacturer's specification if applicable;

v. measure the concentration of CO (in ppm, by volume) and oxygen (in volume percent) in the effluent gas stream, at the high-fire or typical operating load, and both before and after any adjustments (measurements can be make using a portable CO analyzer);

vi. maintain records of the tune-up, inspection, and any corrective actions taken; and

vii. where more than one type of fuel is used, records of the type and amount of each fuel type burned over the 12 months prior to the tune-up.

e. The permittee shall maintain a written quality assurance/quality control plan for the continuous opacity monitoring system, designed to ensure continuous valid and representative readings of opacity in accordance with 40 CFR Part 60, Appendix F, Procedure 3. The plan shall include, at a minimum, procedures for conducting and recording daily automatic zero/span checks, provisions for conducting a quarterly audit of the continuous opacity monitoring system, and a description of preventive maintenance activities. The plan shall describe step by step procedures for ensuring accurate operation of the continuous opacity monitoring system on a continuous basis. The quality assurance/quality control plan and a logbook dedicated to the continuous opacity monitoring system must be kept on site and available for inspection during regular office hours.

c) Operational Restrictions

(1) When operating emissions unit B003on or after January 1, 2017:

a. The maximum annual heat input for this emissions unit shall not exceed 191,406 MMBtu, based upon a rolling, 12-month summation of the monthly heat input values.

b. The permittee shall perform all maintenance activities as specified per the manufacturer's recommendations. To the extent practicable, the permittee shall maintain and operate the boiler, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions.

(2) The quality of coal burned in this emission unit shall meet a sulfur content that is sufficient to comply with the allowable SO_2 limitation in OAC rule 3745-18-29(F).

[Authority for term: OAC rule 3745-77-07(A)(1)]

(3) The average operating rate from this emissions unit shall not exceed seventy-two MMBtu per hour (72 MMBtu/hr) for any thirty-day period beginning January 1, 2017.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain daily records of heat input utilizing one of the following procedures:

a. Coal burn derived heat input:

i. the fuel usage of coal for emissions unit B003, in pounds;

ii. the heat input rate for emissions unit B003, in MMBtu (calculated by multiplying d)(1)a by the coal heating value);

iii. the operating time for this emissions unit, in hours, including start-up and shutdown time; and

iv. the daily heat input rate from this emissions unit in MMBtu/hr; and

v. the rolling, 30-day average heat input rate from this emissions unit, in MMBtu/hr; and

vi. the rolling, 12-month summation of the monthly heat input rate, in MMBtu.

b. Monitored heat input:

i. the heat input, in MMBtu/hr, for this unit with a computerized system, or by monitoring the hourly steam production rate and back-calculating the heat input in accordance with the heat balance method or other approved equivalent method.

ii. the operating time for this emissions unit, in hours, including start-up and shutdown time; and

iii. the daily heat input rate from this emissions unit in MMBtu/hr; and

iv. the rolling, 30-day average heat input rate from this emissions unit, in MMBtu/hr; and

v. the rolling, 12-month summation of the monthly heat input rate, in MMBtu.

(2) The permittee shall maintain monthly records of the total quantity of coal received, and the results of the analyses for ash content, sulfur content, and heat content.

The permittee shall collect a representative sample of each shipment of coal which is received for burning. The coal sampling shall be performed in accordance with ASTM method D2234, Colleciton of a Gross Sample of Coal. At the end of each calendar month, the representative samples of coal from all shipments of coal which were received during that calendar month shall be combined into one composite sample.

Each monthly composite sample of coal shall be analyzed for ash content (percent), sulfur content (percent) and heat content (Btu/pound of coal). The analytical methods for ash content, sulfur content and heat content shall be: ASTM method D3274, Ash in

the Analysis of Coal and Coke; ASTM method D3177, Total Sulfur in the Analysis Sample of Coal and Coke or ASTM method D4239, Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion Methods; and ASTM Method D5865, Gross Calorific Value of Coal and Coke, respectively. Alternative, equivalent methods may be used upon written approval form the Ohio EPA, Northeast District Office.

(3) The permittee shall maintain on-site, the document of certification received from the U.S. EPA or the Ohio EPA's Central Office verifying that the continuous opacity monitoring system has been certified to meet the requirements of 40 CFR Part 60, Appendix B, Performance Specification 1. The letter/document of certification shall be made available to the Director (the appropriate Ohio EPA District Office or local air agency) upon request.

Each continuous monitoring system consists of all the equipment used to acquire and record data in units of all applicable standard(s), and includes the sample extraction and transport hardware, sample conditioning hardware, analyzers, and data processing hardware and software.

[Authority for term: OAC rule 3745-77-07(C)(1)]]

(4) The permittee shall operate and maintain the continuous opacity monitoring system to continuously monitor and record the opacity of the particulate emissions from this emissions unit. The continuous opacity monitoring and recording equipment shall be certified to meet the requirements of 40 CFR Part 60, Appendix B, Performance Specification 1.

The permittee shall maintain records of data obtained by the continuous opacity monitoring system including, but not limited to:

a. percent opacity on an instantaneous (one-minute) and 6-minute block average basis;

b. results of daily zero/span calibration checks and the magnitude of manual calibration adjustments;

c. hours of operation of the emissions unit, continuous opacity monitoring system, and control equipment;

d. the date, time, and hours of operation of the emissions unit without the control equipment and/or the continuous opacity monitoring system;

e. the date, time, and hours of operation of the emissions unit during any malfunction of the control equipment and/or the continuous opacity monitoring system; as well as,

f. the reason (if known) and the corrective actions taken (if any) for each such event in (d) and (e).

[Authority for term: OAC rule 3745-77-07(C)(1)]]

(5) To obtain an exemption pursuant to OAC rule 3745-17-07(A)(3)(a)(i) or (A)(3)(b)(i), the permittee shall operate and maintain a temperature monitor that measures the temperature of the boiler exhaust gases entering the ESP (a) during all periods of start-up until ESP is operational or until the inlet temperature of the ESP achieves the temperature level specified in OAC rule 3745-17-07(A)(3)(a)(i) and (b) during all periods of shutdown until the inlet temperature of the ESP drops below the temperature level specified in OAC rule 3745-17-07(A)(3)(b)(i). An electronic copy or hardcopy record of the temperature during periods of start-up and shutdown shall be maintained.

The temperature monitor shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee, and shall be capable of accurately measuring the temperature of the boiler exhaust gases in units of degrees Fahrenheit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(6) The permittee shall maintain records of the following information for the boiler(s) in order to meet the record keeping requirements of 40 CFR 63.7525, 40 CFR 63.7555, 40 CFR 63.10(b) and to demonstrate compliance with Subpart DDDDD:

a. a copy of each notification and report that is submitted to comply with Part 63 Subpart DDDDD, including all documentation supporting the Initial Notification and all subsequent Notifications of Compliance Status and/or semiannual compliance reports, according to the requirements in 40 CFR 63.10(b)(2)(xiv);

b. The operating hours and fuel usage records shall be maintained for each boiler that is operated under this subcategory. A copy of the federally enforceable permit restricting the annual capacity factor to no more than 10% shall also be retained.

These records shall be retained in a form suitable and readily available for expeditious review for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. Records must be accessible from onsite for at least two years after the date of the record and may be located off-site for the remaining three years.

[Authority for term: 40 CFR 63.7540(a), 40 CFR 63.7555 and 40 CFR 63.7560]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. all exceedances of the rolling, 30-day average heat input limitation from this emissions unit.

b. all exceedances of the rolling, 12-month heat input limitation for this emissions unit B003;

c. the total quantity of coal burned (tons);

d. the average sulfur content (percent) of the coal burned (as received); and

e. the average heat content of the coal burned (as received).

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

(2) The permittee shall comply with the following quarterly reporting requirements for the emissions unit and its continuous opacity monitoring system:

a. The permittee shall submit reports within 30 days following the end of each calendar quarter to the appropriate Ohio EPA District Office or local air agency, documenting all instances of opacity values in excess of any limitation specified in this permit OAC rule 3745-17-07, and any other applicable rules or regulations. The report shall document the date, commencement and completion times, duration, and magnitude (percent opacity) of each 6-minute block average exceeding the applicable opacity limitation(s), as well as, the reason (if known) and the corrective actions taken (if any) for each exceedance.

b. These quarterly reports shall be submitted by January 30, April 30, July 30, and October 30 of each year and shall include the following:

i. the facility name and address;

ii. the manufacturer and model number of the continuous opacity monitor;

iii. a description of any change in the equipment that comprises the continuous opacity monitoring system (COMS), including any change to the hardware, changes to the software that may affect COMS readings, and/or changes in the location of the COMS sample probe;

iv. the excess emissions report (EER)*, i.e., a summary of any exceedances during the calendar quarter, as specified above;

v. the total operating time (hours) of the emissions unit;

vi. the total operating time of the continuous opacity monitoring system while the emissions unit was in operation;

vii. the date, time, and duration of any/each malfunction** of the continuous opacity monitoring system, emissions unit, and/or control equipment;

viii. the date, time, and duration of any downtime** of the continuous opacity monitoring system and/or control equipment while the emissions unit was in operation; and

ix. the reason (if known) and the corrective actions taken (if any) for each event in (b)(vii) and (viii).

Each report shall address the operations conducted and data obtained during the previous calendar quarter.

* where no exceedance of the opacity limit has occurred or the continuous monitoring system(s) has/have not been inoperative, repaired, or adjusted during the calendar quarter, such information shall be documented in the quarterly EER report

** each downtime event shall be reported regardless of whether there is an exceedance of the opacity limit

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall submit, to the appropriate Ohio EPA District Office or Local Air Agency, the following notifications in accordance with the applicable requirements of 40 CFR 63.7545 and 40 CFR 63.9(b)

a. The Initial Notification of Compliance shall be submitted according to 40 CFR 63.9(h)(2)(ii) and the notification must be submitted before the close of business on the 60th day following the completion of all initial compliance demonstrations according to 40 CFR 63.10(d)(2). The initial Notification of Compliance Status report must contain the following information:

i. A description of the facility boilers including:

(a) Identification of the subcategory each boiler is in;

(b) The design heat input capacity of the/each unit;

(c) A description of the add-on controls used on each boiler to comply with Subpart DDDDD;

(d) Description of the fuel(s) burned;

(e) Identification of fuel(s) that were determined to be non-waste or fuel(s) processed from discarded non-hazardous secondary materials under 40 CFR 241.3; and

(f) The justification for the selection of fuel(s) burned during the compliance demonstration.

ii. A signed certification that all applicable emission limits and work practice standards have been met;

iii. A description of any deviation(s) from an emission limit, work practice standard, or operating limit, the duration of the deviation, and the corrective action taken;

iv. The following certification(s) of compliance, as applicable must be signed by a responsible official:

(a) Certification that the facility has complied with the required initial tune-up in accordance with 40 CFR 63.7540(a)(10)(i) through (vi);

(b) Except for boilers burning natural gas, refinery gas, or other gas 1 fuel, certification that no secondary materials that are solid waste were combusted in any affected unit.

c. If there are any plans to commence or recommence combustion of solid waste, notification must be made at least 30 days prior to the date combustion of solid waste will commence or recommence. The notification must identify:

v. the name of the owner or operator of the affected source, as defined in 40 CFR 63.7490, the location of the source, the boiler(s) that will commence burning solid waste, and the date of the notice;

vi. the currently applicable subcategories under this subpart;

vii. the date on which you became subject to the currently applicable emission limits; and

viii. the date upon which you will commence combusting solid waste.

d. if there has been a fuel switch or physical change to a boiler, and this fuel switch or change to the boiler has resulted in the applicability of a different subcategory, notification of the switch must be made within 30 days of the switch or change. This notification must identify:

ix. the name of owner or operator of the affected source, as defined in 40 CFR 63.7490, the location of the source, the boiler(s) that have switched fuels or were physically changed;

x. the currently applicable subcategory of the boiler(s);

xi. the date on which the fuel switch or physical change occurred; and

xii. the date of the notice.

(4) The permittee shall submit each applicable report in Table 9 to Part 63, Subpart DDDDD by the dates in Table 9. For boilers that are subject only to a requirement to conduct a 5-year tune-up according to 40 CFR 63.7540(a)(12), and not subject to emission limits or operating limits, only a 5-year compliance report is required.

The first compliance report must cover the period beginning on the Compliance Date that is specified above for each boiler and ending on June 30 or December 31, whichever date is the first date that occurs 5 years after the specified Compliance Date. Unless otherwise approved, the first compliance report must be postmarked or submitted no later than July 31 or January 31, following the end of the first calendar half after the specified Compliance Date. The first 5-year compliance report must be postmarked or delivered no later than January 31. Each subsequent compliance report must be submitted in accordance with the same applicable schedule; and, cover the applicable 5-year period from January 1 to December 31st of each 5-year period.

[Authority for term: 40 CFR 63.7550(a),(b)]

(5) The compliance reports for 40 CFR Part 63, Subpart DDDDD must contain the following information as applicable for each boiler, as provided in 40 CFR 63.7550(c)(1) – (c)(4):

a. a company and facility name and address;

b. process unit information, emissions limitations, and operating parameter limitations;

c. the date of report and beginning and ending dates of the reporting period;

d. the total operating time during the reporting period;

e. the date of the most recent tune-up for each unit subject to only the requirement to conduct an annual, biennial, or 5-year tune-up according to 40 CFR 63.7540(a)(12); and include the date of the most recent burner inspection if it was not done annually, biennially, or on a 5-year period, as applicable, and was delayed until the next scheduled or unscheduled shutdown; and

f. a statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.

[Authority for term: 40 CFR 63.7550(a) through (d), 40 CFR Subpart DDDDD Table 9]

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 PE from any stack shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.

<u>Applicable Compliance Method</u>:

Ongoing compliance with the opacity limitation contained in this permit, and any other applicable standard(s) shall be demonstrated through the data collected as required in the Monitoring and Record keeping Section of this permit and through demonstration of compliance with the quality assurance/quality control plan pursuant to 40 CFR Part 60, Appendix F, Procedure 3.

If required, compliance with the visible PE limitation shall be demonstrated in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 9.

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

PE shall not exceed 0.1 lb/MMBtu of actual heat input.

Applicable Compliance Method:

Compliance with the PE limitation shall be demonstrated based upon the results of stack testing as required in f)(2).

c. Emission Limitation:

SO_2 emissions shall not exceed 4.0 lbs/MMBtu of actual heat input

Applicable Compliance Method:

Compliance shall be demonstrated based upon the fuel analysis records required pursuant to d)(1) and d)(2) and the applicable equation in OAC rule 3745-28-04(F).

If required, compliance with the SO_2 emission limitation shall be demonstrated in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 4 and 6.

d. Operating Rate Restriction:

The average operating rate from this emissions unit shall not exceed seventy-two MMBtu per hour (72 MMBtu/hr) for any thirty-day period beginning January 1, 2017.

Applicable Compliance Method:

Ongoing compliance with the above operating rate restriction shall be demonstrated based upon the record keeping requirements specified in section d)(1) in accordance with OAC rule 3745-18-04(D)(10).

[Authority for term: OAC rule 3745-18-04(D)]

(2) As long as emissions unit B003 is designated as a limited-use boiler per 40 CFR Part 63, Subpart DDDDD, the permittee shall conduct, or have conducted, particulate emission testing to demonstrate compliance with the allowable particulate emission rate in section b)(1)b above in accordance with the following requirements:

a. The testing of emissions unit B003 as a limited-use boiler shall be conducted on 5-year intervals with the next required test to be performed no later than December 14, 2021.

b. Compliance with the allowable mass emission rate for particulate emissions shall be determined in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures in OAC rule 3745-17-03(B)(9).

c. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity.

d. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA Northeast District Office.

The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA Northeast District Office's refusal to accept the results of the emission test(s).

e. Personnel from the Ohio EPA Northeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

f. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA Northeast District Office.

[Authority for term: OAC rule 3745-17-03(B)(9)]

g) Miscellaneous Requirements

(1) None.

3. B004, COAL FIRED BOILER #4

Operations, Property and/or Equipment Description:

379 MMBtu/hr Stoker Coal-Fired Boiler #4

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) b)(1)a, b)(1)d, c)(1), c)(2), c)(3), d)(1), d)(2) and f)(1)c

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(D) (Capacity factor restriction to qualify as a coal-fired "limited use boiler" per 40 CFR Part 63, Subpart DDDDD)	See c)(2).
b.	OAC rule 3745-17-10(C)	Particulate emissions (PE) shall not exceed 0.1 lb/MMBtu of actual heat input.
c.	OAC rule 3745-17-07(A)(1)	Visible PE from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.
d.	OAC rule 3745-18-49(F)	Sulfur dioxide (SO_2) emissions shall not exceed 4.0 lbs/MMBtu of actual heat input.[1]
e.	40 CFR Part 63, Subpart DDDDD (40 CFR 63.7480 – 63.7575) [In accordance with 40 CFR 63.7500(c) this emissions unit is a limited use boiler subject to the tune-up requirements specified in this section.]	Tune-up requirements specified in Table 3 (40 CFR 63.7540). See b)(2)c and b)(2)d.
f.	40 CFR 63.1 – 63.16 (40 CFR 63.7565)	Table 10 to Subpart DDDDD of 40 CFR Part 63 – Applicability of General Provisions to Subpart DDDDD shows which parts of the General Provisions in 40 CFR 63.1 – 63.16 apply.

[1]This emission limitation becomes applicable January 1, 2017.

(2) Additional Terms and Conditions

a. This emissions unit is not subject to the requirements of 40 CFR Part 60, Subpart D (Standards of Performance for Fossil Fuel Fired Generators) or 40 CFR Part 60, Subpart Da (Standards of Performance for Electric Utility Steam Generating Units).

b. This emissions unit shall comply with the requirements for a “limited use boiler” as defined in 40 CFR 63.7575, which requires a federally enforceable annual capacity factor of no more than ten percent, in accordance with 40 CR 63.7500 and 40 CFR 63.7540, which shall apply beginning January 1, 2017 in accordance with OAC rule 3745-18=49(F)(6) and OAC rule 3745-18-03(C)(11).

c. The following conditions apply to emissions unit B004 only when the emissions unit is operating as an industrial boiler subject to 40 CFR Part 63, Subpart DDDDD.

i. This emissions unit is identified as a limited-use boiler and is not subject to the emission limits in Table 2 of the subpart, the operating limits in Table 4 of the subpart, or the energy assessment requirements in Table 3 of the subpart.

ii. The limited-use boiler is subject to 5-year tune-up requirements, conducted in accordance with 40 CFR 63.7540(a)(10)(i) through (vi) and Table 3 to the subpart.

d. An initial tune-up must be completed for emissions unit B004 no later than January 1, 2017. Following the initial compliance date, tune-ups must be conducted for each boiler within the applicable 5-year schedule as specified in 40 CFR 63.7500(a)-(c), 40 CFR 63.7540(a)(10) through (13), and Table 3 to the subpart, unless alternative work practice standards are approved pursuant to 40 CFR 63.6(g). Each subsequent tune-up must occur no more than 61 months after the previous tune-up. If the boiler is not in operation at the time of its scheduled tune-up, the permittee is not required to perform the tune-up at that time but must complete the tune-up within 30 days after the re-start of the boiler. The frequency of tune-ups shall be based on the frequency identified in Table 3 to the subpart.

Each tune-up conducted to demonstrate compliance with the requirements of 40 CFR Part 63, Subpart DDDDD shall include the following elements as applicable:

i. inspection of the burner(s) (and requirement to clean or replace any necessary components);

ii. inspection of the flame pattern and requirement to adjust the burner as necessary to optimize the flame pattern, consistent with the manufacturer’s specifications if applicable;

iii. inspect the air-to-fuel ratio control system to ensure it is correctly calibrated and functioning properly;

iv. optimize total emissions of CO, in correlation with any applicable NO_x standards, consistent with the manufacturer's specification if applicable;

v. measure the concentration of CO (in ppm, by volume) and oxygen (in volume percent) in the effluent gas stream, at the high-fire or typical operating load, and both before and after any adjustments (measurements can be make using a portable CO analyzer);

vi. maintain records of the tune-up, inspection, and any corrective actions taken; and

vii. where more than one type of fuel is used, records of the type and amount of each fuel type burned over the 12 months prior to the tune-up.

e. The permittee shall maintain a written quality assurance/quality control plan for the continuous opacity monitoring system, designed to ensure continuous valid and representative readings of opacity in accordance with 40 CFR Part 60, Appendix F, Procedure 3. The plan shall include, at a minimum, procedures for conducting and recording daily automatic zero/span checks, provisions for conducting a quarterly audit of the continuous opacity monitoring system, and a description of preventive maintenance activities. The plan shall describe step by step procedures for ensuring accurate operation of the continuous opacity monitoring system on a continuous basis. The quality assurance/quality control plan and a logbook dedicated to the continuous opacity monitoring system must be kept on site and available for inspection during regular office hours.

c) Operational Restrictions

(1) When operating emissions unit B004on or after January 1, 2017:

a. The maximum annual heat input for this emissions unit shall not exceed 332,004 MMBtu, based upon a rolling, 12-month summation of the monthly heat input values.

b. The permittee shall perform all maintenance activities as specified per the manufacturer's recommendations. To the extent practicable, the permittee shall maintain and operate the boiler, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions.

(2) The quality of coal burned in this emission unit shall meet a sulfur content that is sufficient to comply with the allowable sulfur dioxide emission limitation in OAC rule 3745-18-49(F).

[Authority for term: OAC rule 3745-77-07(A)(1)]

(3) The average operating rate from this emissions unit shall not exceed eighty-five MMBtu per hour (85 MMBtu/hr) for any thirty-day period beginning January 1, 2017.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain daily records of heat input utilizing one of the following procedures:

a. Coal burn derived heat input:

i. the fuel usage of coal for emissions unit B004, in pounds;

ii. the heat input rate for emissions unit B004, in MMBtu (calculated by multiplying d)(1)a by the coal heating value);

iii. the operating time for this emissions unit, in hours, including start-up and shutdown time; and

iv. the daily heat input rate from this emissions unit in MMBtu/hr; and

v. the rolling, 30-day average heat input rate from this emissions unit, in MMBtu/hr; and

vi. the rolling, 12-month summation of the monthly heat input rate, in MMBtu.

b. Monitored heat input:

i. the heat input, in MMBtu/hr, for this unit with a computerized system, or by monitoring the hourly steam production rate and back-calculating the heat input in accordance with the heat balance method or other approved equivalent method.

ii. the operating time for this emissions unit, in hours, including start-up and shutdown time; and

iii. the daily heat input rate from this emissions unit in MMBtu/hr; and

iv. the rolling, 30-day average heat input rate from this emissions unit, in MMBtu/hr; and

v. the rolling, 12-month summation of the monthly heat input rate, in MMBtu.

(2) The permittee shall maintain monthly records of the total quantity of coal received, and the results of the analyses for ash content, sulfur content, and heat content.

The permittee shall collect a representative sample of each shipment of coal which is received for burning. The coal sampling shall be performed in accordance with ASTM method D2234, Colleciton of a Gross Sample of Coal. At the end of each calendar month, the representative samples of coal from all shipments of coal which were received during that calendar month shall be combined into one composite sample.

Each monthly composite sample of coal shall be analyzed for ash content (percent) , sulfur content (percent) and heat content (Btu/pound of coal). The analytical methods for ash content, sulfur content and heat content shall be: ASTM method D3274, Ash in

the Analysis of Coal and Coke; ASTM method D3177, Total Sulfur in the Analysis Sample of Coal and Coke or ASTM method D4239, Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion Methods; and ASTM Method D5865, Gross Calorific Value of Coal and Coke, respectively. Alternative, equivalent methods may be used upon written approval form the Ohio EPA, Northeast District Office.

(3) The permittee shall maintain on-site, the document of certification received from the U.S. EPA or the Ohio EPA's Central Office verifying that the continuous opacity monitoring system has been certified to meet the requirements of 40 CFR Part 60, Appendix B, Performance Specification 1. The letter/document of certification shall be made available to the Director (the appropriate Ohio EPA District Office or local air agency) upon request.

Each continuous monitoring system consists of all the equipment used to acquire and record data in units of all applicable standard(s), and includes the sample extraction and transport hardware, sample conditioning hardware, analyzers, and data processing hardware and software.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) The permittee shall operate and maintain the continuous opacity monitoring system to continuously monitor and record the opacity of the particulate emissions from this emissions unit. The continuous opacity monitoring and recording equipment shall be certified to meet the requirements of 40 CFR Part 60, Appendix B, Performance Specification 1.

The permittee shall maintain records of data obtained by the continuous opacity monitoring system including, but not limited to:

a. percent opacity on an instantaneous (one-minute) and 6-minute block average basis;

b. results of daily zero/span calibration checks and the magnitude of manual calibration adjustments;

c. hours of operation of the emissions unit, continuous opacity monitoring system, and control equipment;

d. the date, time, and hours of operation of the emissions unit without the control equipment and/or the continuous opacity monitoring system;

e. the date, time, and hours of operation of the emissions unit during any malfunction of the control equipment and/or the continuous opacity monitoring system; as well as,

f. the reason (if known) and the corrective actions taken (if any) for each such event in (d) and (e).

[Authority for term: OAC rule 3745-77-07(C)(1)]

(5) To obtain an exemption pursuant to OAC rule 3745-17-07(A)(3)(a)(i) or (A)(3)(b)(i), the permittee shall operate and maintain a temperature monitor that measures the temperature of the boiler exhaust gases entering the ESP (a) during all periods of start-up until ESP is operational or until the inlet temperature of the ESP achieves the temperature level specified in OAC rule 3745-17-07(A)(3)(a)(i) and (b) during all periods of shutdown until the inlet temperature of the ESP drops below the temperature level specified in OAC rule 3745-17-07(A)(3)(b)(i). An electronic copy or hardcopy record of the temperature during periods of start-up and shutdown shall be maintained.

The temperature monitor shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee, and shall be capable of accurately measuring the temperature of the boiler exhaust gases in units of degrees Fahrenheit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(6) The permittee shall maintain records of the following information for the boiler(s) in order to meet the record keeping requirements of 40 CFR 63.7525, 40 CFR 63.7555, 40 CFR 63.10(b) and to demonstrate compliance with Subpart DDDDD:

a. a copy of each notification and report that is submitted to comply with Part 63 Subpart DDDDD, including all documentation supporting the Initial Notification and all subsequent Notifications of Compliance Status and/or semiannual compliance reports, according to the requirements in 40 CFR 63.10(b)(2)(xiv);

b. The operating hours and fuel usage records shall be maintained for each boiler that is operated under this subcategory. A copy of the federally enforceable permit restricting the annual capacity factor to no more than 10% shall also be retained.

These records shall be retained in a form suitable and readily available for expeditious review for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. Records must be accessible from onsite for at least two years after the date of the record and may be located off-site for the remaining three years.

[Authority for term: 40 CFR 63.7540(a), 40 CFR 63.7555 and 40 CFR 63.7560]

(7) The permittee shall maintain on-site, the document(s) of certification received from the U.S. EPA or the Ohio EPA's Central Office documenting that the continuous SO_2 monitoring system has been certified to meet the requirements of 40 CFR Part 60, Appendix B, Performance Specifications 2 and 6; and has been certified by U.S. EPA or recommended for certification by Ohio EPA to U.S. EPA under 40 CFR Part 75. The letter(s)/document(s) of certification under Part 60 and certification or recommendation for certification under Part 75 shall be made available to the Director (the appropriate Ohio EPA District Office or local air agency) upon request.

[Authority for term: 40 CFR 60.13; 40 CFR Part 60, Appendix B; and 40 CFR Part 75]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. all exceedances of the rolling, 30-day average heat input limitation from this emissions unit.

b. all exceedances of the rolling, 12-month heat input limitation for this emissions unit B004.

c. the total quantity of coal burned (tons);

d. the average sulfur content (percent) of the coal burned (as received); and

e. the average heat content of the coal burned (as received).

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

(2) The permittee shall comply with the following quarterly reporting requirements for the emissions unit and its continuous opacity monitoring system:

a. The permittee shall submit reports within 30 days following the end of each calendar quarter to the appropriate Ohio EPA District Office or local air agency, documenting all instances of opacity values in excess of any limitation specified in this permit OAC rule 3745-17-07, and any other applicable rules or regulations. The report shall document the date, commencement and completion times, duration, and magnitude (percent opacity) of each 6-minute block average exceeding the applicable opacity limitation(s), as well as, the reason (if known) and the corrective actions taken (if any) for each exceedance.

b. These quarterly reports shall be submitted by January 30, April 30, July 30, and October 30 of each year and shall include the following:

i. the facility name and address;

ii. the manufacturer and model number of the continuous opacity monitor;

iii. a description of any change in the equipment that comprises the continuous opacity monitoring system (COMS), including any change to the hardware, changes to the software that may affect COMS readings, and/or changes in the location of the COMS sample probe;

iv. the excess emissions report (EER)*, i.e., a summary of any exceedances during the calendar quarter, as specified above;

v. the total operating time (hours) of the emissions unit;

vi. the total operating time of the continuous opacity monitoring system while the emissions unit was in operation;

vii. the date, time, and duration of any/each malfunction** of the continuous opacity monitoring system, emissions unit, and/or control equipment;

viii. the date, time, and duration of any downtime** of the continuous opacity monitoring system and/or control equipment while the emissions unit was in operation; and

ix. the reason (if known) and the corrective actions taken (if any) for each event in (b)(vii) and (viii).

Each report shall address the operations conducted and data obtained during the previous calendar quarter.

* where no exceedance of the opacity limit has occurred or the continuous monitoring system(s) has/have not been inoperative, repaired, or adjusted during the calendar quarter, such information shall be documented in the quarterly EER report

** each downtime event shall be reported regardless of whether there is an exceedance of the opacity limit

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall submit, to the appropriate Ohio EPA District Office or Local Air Agency, the following notifications in accordance with the applicable requirements of 40 CFR 63.7545 and 40 CFR 63.9(b).

a. The Initial Notification of Compliance shall be submitted according to 40 CFR 63.9(h)(2)(ii) and the notification must be submitted before the close of business on the 60th day following the completion of all initial compliance demonstrations according to 40 CFR 63.10(d)(2). The initial Notification of Compliance Status report must contain the following information:

i. A description of the facility boilers including:

(a) Identification of the subcategory each boiler is in;

(b) The design heat input capacity of the/each unit;

(c) A description of the add-on controls used on each boiler to comply with Subpart DDDDD;

(d) Description of the fuel(s) burned;

(e) Identification of fuel(s) that were determined to be non-waste or fuel(s) processed from discarded non-hazardous secondary materials under 40 CFR 241.3; and

(f) The justification for the selection of fuel(s) burned during the compliance demonstration.

ii. A signed certification that all applicable emission limits and work practice standards have been met;

iii. A description of any deviation(s) from an emission limit, work practice standard, or operating limit, the duration of the deviation, and the corrective action taken;

iv. The following certification(s) of compliance, as applicable must be signed by a responsible official:

(a) Certification that the facility has complied with the required initial tune-up in accordance with 40 CFR 63.7540(a)(10)(i) through (vi);

(b) Except for boilers burning natural gas, refinery gas, or other gas 1 fuel, certification that no secondary materials that are solid waste were combusted in any affected unit.

b. If there are any plans to commence or recommence combustion of solid waste, notification must be made at least 30 days prior to the date combustion of solid waste will commence or recommence. The notification must identify:

i. the name of the owner or operator of the affected source, as defined in 40 CFR 63.7490, the location of the source, the boiler(s) that will commence burning solid waste, and the date of the notice;

ii. the currently applicable subcategories under this subpart;

iii. the date on which you became subject to the currently applicable emission limits; and

iv. the date upon which you will commence combusting solid waste.

c. if there has been a fuel switch or physical change to a boiler, and this fuel switch or change to the boiler has resulted in the applicability of a different subcategory, notification of the switch must be made within 30 days of the switch or change. This notification must identify:

i. the name of owner or operator of the affected source, as defined in 40 CFR 63.7490, the location of the source, the boiler(s) that have switched fuels or were physically changed;

ii. the currently applicable subcategory of the boiler(s);

iii. the date on which the fuel switch or physical change occurred; and

iv. the date of the notice.

(4) The permittee shall submit each applicable report in Table 9 to Part 63, Subpart DDDDD by the dates in Table 9. For boilers that are subject only to a requirement to conduct a 5-year tune-up according to 40 CFR 63.7540(a)(12), and not subject to emission limits or operating limits, only a 5-year compliance report is required.

The first compliance report must cover the period beginning on the Compliance Date that is specified above for each boiler and ending on June 30 or December 31, whichever date is the first date that occurs 5 years after the specified Compliance Date. Unless otherwise approved, the first compliance report must be postmarked or submitted no later than July 31 or January 31, following the end of the first calendar half after the specified Compliance Date. The first 5-year compliance report must be postmarked or delivered no later than January 31. Each subsequent compliance report must be submitted in accordance with the same applicable schedule; and, cover the applicable 5-year period from January 1 to December 31st of each 5-year period.

[Authority for term: 40 CFR 63.7550(a) and (b)]

(5) The compliance reports for 40 CFR Part 63, Subpart DDDDD must contain the following information as applicable for each boiler, as provided in 40 CFR 63.7550(c)(1) – (c)(4):

a. a company and facility name and address;

b. process unit information, emissions limitations, and operating parameter limitations;

c. the date of report and beginning and ending dates of the reporting period;

d. the total operating time during the reporting period;

e. the date of the most recent tune-up for each unit subject to only the requirement to conduct an annual, biennial, or 5-year tune-up according to 40 CFR 63.7540(a)(12); and include the date of the most recent burner inspection if it was not done annually, biennially, or on a 5-year period, as applicable, and was delayed until the next scheduled or unscheduled shutdown; and

f. a statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.

[Authority for term: 40 CFR 63.7550(a) through (d), 40 CFR Subpart DDDDD Table 9]

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 PE from any stack shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.

<u>Applicable Compliance Method</u>:

Ongoing compliance with the opacity limitation contained in this permit, and any other applicable standard(s) shall be demonstrated through the data collected as required in the Monitoring and Record keeping Section of this permit and through

demonstration of compliance with the quality assurance/quality control plan pursuant to 40 CFR Part 60, Appendix F, Procedure 3.

If required, compliance with the visible PE limitation shall be demonstrated in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 9.

b. Emission Limitation:

PE shall not exceed 0.1 lb/MMBtu of actual heat input.

Applicable Compliance Method:

Compliance with the PE limitation shall be demonstrated based upon the results of stack testing as required in f)(2).

c. Emission Limitation:

SO_2 emissions shall not exceed 4.0 lbs/MMBtu of actual heat input

Applicable Compliance Method:

Compliance shall be demonstrated based upon the fuel analysis records required pursuant to d)(1) and d)(2) and the applicable equation in OAC rule 3745-18-04(F).

If required, compliance with the SO_2 emission limitation shall be demonstrated in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 4 and 6.

d. Operating Rate Restriction:

The average operating rate from this emissions unit shall not exceed eighty-five MMBtu per hour (85 MMBtu/hr) for any thirty-day period beginning January 1, 2017.

Applicable Compliance Method:

Ongoing compliance with the above operating rate restriction shall be demonstrated based upon the record keeping requirements specified in section d)(1) in accordance with OAC rule 3745-18-04(D)(10).

[Authority for term: OAC rule 3745-18-04(D)]

(2) As long as emissions unit B001 is designated as a limited-use boiler per 40 CFR Part 63, Subpart DDDDD, the permittee shall conduct, or have conducted, particulate emission testing to demonstrate compliance with the allowable particulate emission rate in section b)(1)b in accordance with the following requirements:

a. The testing of emissions unit B004 as a limited-use boiler shall be conducted on 5-year intervals with the next required test to be performed no later than December 14, 2021.

b. Compliance with the allowable mass emission rate for particulate emissions shall be determined in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures in OAC rule 3745-17-03(B)(9).

c. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity.

d. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA Northeast District Office's refusal to accept the results of the emission test(s).

e. Personnel from the Ohio EPA Northeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

f. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA Northeast District Office.

[Authority for term: OAC rule 3745-17-03(B)(9)]

g) Miscellaneous Requirements

(1) None.