



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center
122 S. Front Street
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Lazarus Gov. Center
P.O. Box 1049
Columbus, OH 43216-1049

06/13/03

CERTIFIED MAIL

RE: Draft Title V Chapter 3745-77 permit

06-41-09-0234
Mingo Junction Energy Center, LLC
Jay P O'Connell
PO Box 160
Mingo Junction, OH 43938

Dear Jay P O'Connell:

You are hereby notified that the Ohio Environmental Protection Agency has prepared the enclosed draft of the Title V permit for the facility referenced above. The purpose of this draft is to solicit public comments. A public notice concerning the draft will appear in the Ohio EPA Weekly Review and the major newspaper in the county where the facility is located. Comments and/or a request for a public hearing from the public and any affected parties will be accepted by Southeast District Office within 30 days of the date of publication in the newspaper. You will be notified in writing if a public hearing is scheduled.

A decision on processing the Title V permit will be made after consideration of written public comments and oral testimony (if a public hearing is conducted). After the comment period, you will be provided with a Preliminary Proposed Title V permit and an opportunity to comment prior to the Proposed Title V permit submittal to USEPA.

If you have any questions or comments concerning this draft Title V permit, please contact Southeast District Office.

Very truly yours,

Michael W. Ahern, Supervisor
Field Operations and Permit Section
Division of Air Pollution Control

cc: USEPA (electronically submitted)
File, DAPC PMU
Southeast District Office
Pennsylvania
West Virginia



State of Ohio Environmental Protection Agency

DRAFT TITLE V PERMIT

Issue Date: 06/13/03	Effective Date: To be entered upon final issuance	Expiration Date: To be entered upon final issuance
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This document constitutes issuance of a Title V permit for Facility ID: 06-41-09-0234 to:
Mingo Junction Energy Center, LLC
Mingo Junction, OH 43938

Emissions Unit ID (Company ID)/Emissions Unit Activity Description

B001 (Boiler 1) The boiler will burn blast furnace gas as a primary fuel with natural gas as a supplemental fuel for generating process steam and electricity.	B002 (Boiler 2) The boiler will burn blast furnace gas as a primary fuel with natural gas as a supplemental fuel for generating process steam and electricity.	B004 (Boiler 4) The boiler will burn blast furnace gas as a primary fuel with natural gas as a supplemental fuel for generating process steam and electricity.
	B003 (Boiler 3) The boiler will burn blast furnace gas as a primary fuel with natural gas as a supplemental fuel for generating process steam and electricity.	

You will be contacted approximately eighteen (18) months prior to the expiration date regarding the renewal of this permit. If you are not contacted, please contact the appropriate Ohio EPA District Office or local air agency listed below. This permit and the authorization to operate the air contaminant sources (emissions units) at this facility shall expire at midnight on the expiration date shown above. If a renewal permit is not issued prior to the expiration date, the permittee may continue to operate pursuant to OAC rule 3745-77-08(E) and in accordance with the terms of this permit beyond the expiration date, provided that a complete renewal application is submitted no earlier than eighteen (18) months and no later than one-hundred eighty (180) days prior to the expiration date.

Described below is the current Ohio EPA District Office or local air agency that is responsible for processing and administering your Title V permit:

Southeast District Office
2195 Front Street
Logan, OH 43138
(740) 385-8501

OHIO ENVIRONMENTAL PROTECTION AGENCY

Christopher Jones
Director

PART I - GENERAL TERMS AND CONDITIONS

A. *State and Federally Enforceable Section*

1. **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:
 - i. The date, place (as defined in the permit), and time of sampling or measurements.
 - ii. The date(s) analyses were performed.
 - iii. The company or entity that performed the analyses.
 - iv. The analytical techniques or methods used.
 - v. The results of such analyses.
 - vi. The operating conditions existing at the time of sampling or measurement.
(Authority for term: OAC rule 3745-77-07(A)(3)(b)(i))
- 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 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.
(Authority for term: OAC rule 3745-77-07(A)(3)(b)(ii))
- c. The permittee shall submit required reports in the following manner:
 - i. Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))
 - ii. **All reporting required in accordance with the OAC rule 3745-77-07(A)(3)(c) with respect to emission limitations, operational restrictions, and control device operating parameter limitations shall be submitted in the following manner:**
 - (a) Written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations ; (ii) the probable cause of such deviations; and (iii) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, i.e., in Part III of this Title V permit, the written reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year, and shall cover the previous calendar quarters. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. These written reports shall satisfy the

requirements (in part) of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the submission of monitoring reports every six months and the requirements (in part) of OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of all deviations. See B.6 below if no deviations occurred during the quarter.

(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i), (ii) and (iii))

- (b) Any malfunction, as defined in OAC rule 3745-15-06(B)(1), shall be promptly reported to the Ohio EPA in accordance with OAC rule 3745-15-06. In addition, to fulfill the deviation reporting requirements for this Title V permit, written reports that identify each malfunction that occurred during each calendar quarter shall be submitted, at a minimum, quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year, and shall cover the previous calendar quarters.

In identifying each deviation caused by a malfunction, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. For a specific malfunction, if this information has been provided in a written report that was submitted in accordance with OAC rule 3745-15-06, the permittee may simply reference that written report to identify the deviation. Also, if a deviation caused by a malfunction is identified in a written report submitted pursuant to paragraph (a) above, a separate report is not required for that malfunction pursuant to this paragraph. Nevertheless, all malfunctions, including those reported only verbally in accordance with OAC rule 3745-15-06, must be reported in writing, at a minimum, on a quarterly basis.

Any scheduled maintenance, as defined in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation, operational restriction, and control device operating parameter limitation shall be reported in the same manner as described above for malfunctions. These written reports for malfunctions (and scheduled maintenance projects, if appropriate) shall satisfy the requirements (in part) of OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of all deviations.

(Authority for term: OAC rules 3745-77-07(A)(3)(c)(iii))

iii. **For monitoring, record keeping, and reporting requirements:**

Written reports that identify any deviations from the federally enforceable monitoring, record keeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year, for the previous six calendar months. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. These semi-annual written reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the reporting of any deviations related to the monitoring, record

keeping, and reporting requirements. 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.

(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii))

- iv. 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 (including any written malfunction reports required by OAC rule 3745-15-06 that are referenced in the deviation reports) are true, accurate, and complete."

(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iv))

2. 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 of any emissions unit(s) or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in OAC rule 3745-15-06, 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 emissions unit(s) that is (are) served by such control system(s).

(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iii))

3. Risk Management Plans

If applicable, the permittee shall 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"); and, pursuant to 40 C.F.R. 68.215(a), the permittee shall submit either of the following:

- a. a compliance plan for meeting the requirements of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. 68.10(a) and OAC 3745-104-05(A); or
- b. as part of the compliance certification submitted under 40 C.F.R. 70.6(c)(5), a certification statement that the source is in compliance with all requirements of 40 C.F.R. Part 68 and OAC Chapter 3745-104, including the registration and submission of the risk management plan.

(Authority for term: OAC rule 3745-77-07(A)(4))

4. 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.

(Authority for term: OAC rule 3745-77-07(A)(5))

5. Severability Clause

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.

(Authority for term: OAC rule 3745-77-07(A)(6))

6. General Requirements

- a. The permittee must comply with all terms and conditions of this permit. 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 reissuance, or modification, or for denial of a permit renewal application.
- 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, reopened, revoked, or revoked and reissued, for cause, in accordance with A.10 below. 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, reopening 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.

(Authority for term: OAC rule 3745-77-07(A)(7))

7. 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.

(Authority for term: OAC rule 3745-77-07(A)(8))

8. Marketable Permit Programs

No revision of this permit is required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in this permit.

(Authority for term: OAC rule 3745-77-07(A)(9))

9. Reasonably Anticipated Operating Scenarios

The permittee is hereby authorized to make changes among operating scenarios authorized in this permit without notice to the Ohio EPA, but, contemporaneous with making a change from one operating scenario to another, the permittee must record in a log at the permitted facility the scenario under which the permittee is operating. The permit shield provided in these general terms and conditions shall apply to all operating scenarios authorized in this permit.

(Authority for term: OAC rule 3745-77-07(A)(10))

10. Reopening for Cause

This Title V permit will be reopened prior to its expiration date under the following conditions:

- a. Additional applicable requirements under the Act become applicable to one or more emissions units covered by this permit, and this permit has a remaining term of three or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to paragraph (E)(1) of OAC rule 3745-77-08.
- b. This permit is issued to an affected source under the acid rain program and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit, and shall not require a reopening of this permit.
- c. The Director of the Ohio EPA or the Administrator of the U.S. EPA determines that the federally applicable requirements in this permit are based on a material mistake, or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of this permit related to such federally applicable requirements.
- d. The Administrator of the U.S. EPA or the Director of the Ohio EPA determines that this permit must be revised or revoked to assure compliance with the applicable requirements.

(Authority for term: OAC rules 3745-77-07(A)(12) and 3745-77-08(D))

11. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that 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, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

(Authority for term: OAC rule 3745-77-07(B))

12. Compliance Requirements

- a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this Title V 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:
 - i. 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.
 - ii. 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 paragraph (E) of OAC rule 3745-77-03.
 - iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
 - iv. 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 appropriate Ohio EPA District Office or local air agency 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:
 - i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
 - ii. 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.

- d. Compliance certifications concerning the terms and conditions contained in this permit that are federally enforceable emission limitations, standards, or work practices, shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) and the Administrator of the U.S. EPA in the following manner and with the following content:
 - i. Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted on or before April 30th of each year during the permit term.
 - ii. Compliance certifications shall include the following:
 - (a) An identification of each term or condition of this permit that is the basis of the certification.
 - (b) The permittee's current compliance status.
 - (c) Whether compliance was continuous or intermittent.
 - (d) The method(s) used for determining the compliance status of the source currently and over the required reporting period.
 - (e) Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.

iii. Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.
(Authority for term: OAC rules 3745-77-07(C)(1),(2),(4) and (5) and ORC section 3704.03(L))

13. Permit Shield

a. Compliance with the terms and conditions of this permit (including terms and conditions established for alternate operating scenarios, emissions trading, and emissions averaging, but excluding terms and conditions for which the permit shield is expressly prohibited under OAC rule 3745-77-07) shall be deemed compliance with the applicable requirements identified and addressed in this permit as of the date of permit issuance.

b. This permit shield provision shall apply to any requirement identified in this permit pursuant to OAC rule 3745-77-07(F)(2), as a requirement that does not apply to the source or to one or more emissions units within the source.

(Authority for term: OAC rule 3745-77-07(F))

14. Operational Flexibility

The permittee is authorized to make the changes identified in OAC rule 3745-77-07(H)(1)(a) to (H)(1)(c) within the permitted stationary source without obtaining a permit revision, if such change is not a modification under any provision of Title I of the Act [as defined in OAC rule 3745-77-01(JJ)], and does not result in an exceedance of the emissions allowed under this permit (whether expressed therein as a rate of emissions or in terms of total emissions), and the permittee provides the Administrator of the U.S. EPA and the appropriate Ohio EPA District Office or local air agency with written notification within a minimum of seven days in advance of the proposed changes, unless the change is associated with, or in response to, emergency conditions. If less than seven days notice is provided because of a need to respond more quickly to such emergency conditions, the permittee shall provide notice to the Administrator of the U.S. EPA and the appropriate District Office of the Ohio EPA or local air agency as soon as possible after learning of the need to make the change. The notification shall contain the items required under OAC rule 3745-77-07(H)(2)(d).

(Authority for term: OAC rules 3745-77-07(H)(1) and (2))

15. Emergencies

The permittee shall have an affirmative defense of emergency to an action brought for noncompliance with technology-based emission limitations if the conditions of OAC rule 3745-77-07(G)(3) are met. This emergency defense provision is in addition to any emergency or upset provision contained in any applicable requirement.

(Authority for term: OAC rule 3745-77-07(G))

16. Off-Permit Changes

The owner or operator of a Title V source may make any change in its operations or emissions at the source that is not specifically addressed or prohibited in the Title V permit, without obtaining an amendment or modification of the permit, provided that the following conditions are met:

a. The change does not result in conditions that violate any applicable requirements or that violate any existing federally enforceable permit term or condition.

- b. The permittee provides contemporaneous written notice of the change to the Director and the Administrator of the U.S. EPA, except that no such notice shall be required for changes that qualify as insignificant emission levels or activities as defined in OAC rule 3745-77-01(U). Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted, and any federally applicable requirement that would apply as a result of the change.
- c. The change shall not qualify for the permit shield under OAC rule 3745-77-07(F).
- d. The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.
- e. The change is not subject to any applicable requirement under Title IV of the Act or is not a modification under any provision of Title I of the Act.

Paragraph (I) of rule 3745-77-07 of the Administrative Code applies only to modification or amendment of the permittee's Title V permit. The change made may require a permit to install under Chapter 3745-31 of the Administrative Code if the change constitutes a modification as defined in that Chapter. Nothing in paragraph (I) of rule 3745-77-07 of the Administrative Code shall affect any applicable obligation under Chapter 3745-31 of the Administrative Code.

(For purposes of clarification, the permittee can refer to Engineering Guide #63 that is available in the STARSHIP software package.)

(Authority for term: OAC rule 3745-77-07(I))

17. Compliance Method Requirements

Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be construed to waive any defenses otherwise available to the permittee, including but not limited to, any challenge to the Credible Evidence Rule (see 62 Fed. Reg. 8314, Feb. 24, 1997), in the context of any future proceeding.

(This term is provided for informational purposes only.)

18. Insignificant Activities

Each insignificant activity that has one or more applicable requirements shall comply with those applicable requirements.

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

19. Permit to Install Requirement

Prior to the "installation" or "modification" of any "air contaminant source," as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.

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

20. 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.

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

B. State Only Enforceable Section

1. Reporting Requirements Related to Monitoring and Record Keeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (i) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. 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, i.e., 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.)

2. Records Retention Requirements

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.

3. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. 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, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also

furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

4. 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 of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of 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 emissions unit(s) that is (are) served by such control system(s).

5. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

6. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations (See Section A of This Permit)

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, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

Part II - Specific Facility Terms and Conditions

A. State and Federally Enforceable Section

1. Wheeling-Pittsburgh Steel Corporation and Mingo Junction Energy Center, LLC (MJEC) have been determined to be under "common control" and, therefore, are considered a single facility. All permitting actions by MJEC shall take into account emissions from Wheeling-Pittsburgh Steel.

B. State Only Enforceable Section

1. The following insignificant emissions units are located at this facility:

B005 - emergency generator;
Z001 - small parts cleaner;
Z002 - small chemical storage tanks;
Z003 - space heaters; and
Z004 - cooling tower.

Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, as well as any emission limitations and/or control requirements contained within a permit to install for the emissions unit.

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Boiler 1 (B001)

Activity Description: The boiler will burn blast furnace gas as a primary fuel with natural gas as a supplemental fuel for generating process steam and electricity.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
182.56 million Btu/hr boiler fired with natural gas and/or clean blast furnace gas	OAC rule 3745-31-05(A)(3) (PTI 06-06309)	<p>Particulate emissions with a diameter less than 10 microns (PM10) shall not exceed 0.0089 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.</p> <p>PM10 emissions shall not exceed 0.006 lb/million Btu when burning natural gas.</p> <p>PM10 emissions shall not exceed 2.6 lbs/hr.</p> <p>Nitrogen oxide (NOx) emissions shall not exceed 0.06 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.</p> <p>NOx emissions shall not exceed 0.15 lb/million Btu when burning natural gas.</p> <p>NOx emissions shall not exceed 36.0 lbs/hr.</p> <p>Carbon monoxide (CO) emissions shall not exceed 0.045 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.</p> <p>CO emissions shall not exceed 0.040 lb/million Btu when burning natural gas.</p> <p>CO emissions shall not exceed 5.3 lbs/hr.</p>

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
		<p>Volatile organic compound (VOC) emissions shall not exceed 1.0 lb/hr.</p> <p>Sulfur dioxide (SO₂) emissions shall not exceed 45.7 lbs/hr.</p> <p>Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average.</p> <p>The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(D).</p>
	OAC rule 3745-31-05(D) (PTI 06-06309)	<p>PM₁₀ emissions shall not exceed 11.2 tons/rolling, 12-month period.</p> <p>NO_x emissions shall not exceed 102.9 tons/rolling, 12-month period.</p> <p>CO emissions shall not exceed 35.5 tons/rolling, 12-month period.</p> <p>VOC emissions shall not exceed 2.2 tons/rolling, 12-month period.</p>
	OAC rule 3745-17-07(A)(1)	<p>SO₂ emissions shall not exceed 200.2 tons/rolling, 12-month period.</p> <p>The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).</p>
	OAC rule 3745-17-10(B)(1)	<p>The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).</p>
	40 CFR Part 60, Subpart Db	<p>The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).</p>

2. Additional Terms and Conditions

None

II. Operational Restrictions

- Natural gas usage shall not exceed 1,531 million cubic feet per rolling, 6-month period for emissions units B001, B002, B003, and B004, combined.
- This emissions unit shall be operated with the condition of permanent shut-down of the Wheeling-Pittsburgh Steel Corporation Mingo Junction Boiler House, emissions units B001, B002, B003, B004, B005, B006, B007, B008, B009, B010, B011, and B012 under Ohio EPA premise number 0641090010.

III. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas, clean blast furnace gas, or a combination of natural gas and clean blast furnace gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
2. The permittee shall maintain records of the quantity of natural gas combusted during each operating day, in cubic feet.
3. The permittee shall maintain records of the quantity of clean blast furnace gas combusted during each operating day, in cubic feet.
4. The permittee shall calculate and maintain records of the amount of clean blast furnace gas and natural gas consumed by this emissions unit on a rolling, 6-month basis.
5. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
6. The permittee shall operate and maintain existing equipment to continuously monitor and record NOx emissions from this emissions unit in units of the applicable standard. Such continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 60.13 and/or 40 CFR Part 75

The permittee shall maintain records of all data obtained by the continuous NOx monitoring system including, but not limited to, parts per million NOx on an instantaneous (one-minute) basis, emissions of NOx in units of the applicable standard in the appropriate averaging period (e.g., hourly, hourly rolling, 3-hour, daily, 30-day rolling, etc.), results of daily zero/span calibration checks, and magnitudes of manual calibration adjustments.

7. A statement of certification of the existing continuous NOx monitoring system shall be maintained on site and shall consist of a letter from the Ohio EPA detailing the results of an Agency review of the certification tests and a statement by the Agency that the system is considered certified in accordance with the requirements of 40 CFR Part 60, Appendix B, Performance Specification 6 and/or 40 CFR Part 75. Proof of certification shall be made available to the Director (the appropriate Ohio EPA District Office or local air agency) upon request.
8. Within 180 days of the effective date of this permit, the permittee shall develop a written quality assurance/quality control plan for the continuous NOx monitoring system designed to ensure continuous valid and representative readings of NOx emissions in units of the applicable standard. The plan shall follow the requirements of 40 CFR Part 60, Appendix F and/or 40 CFR Part 75, Appendix B. The quality assurance/quality control plan and a logbook dedicated to the continuous NOx monitoring system must be kept on site and available for inspection during regular office hours.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas or clean blast furnace gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall submit quarterly reports detailing the rolling, 6-month average natural gas and clean blast furnace gas usage. These reports shall clearly identify any exceedance of the rolling, 6-month fuel usage limits.
3. Pursuant to 40 CFR Parts 60.7 and 60.13, the permittee shall submit quarterly reports documenting all instances of NOx values in excess of the limits specified in this permit. These reports shall be submitted in accordance with Part II, General Terms and Conditions, and shall include data obtained during the previous calendar quarter.

IV. Reporting Requirements (continued)

4. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Ohio EPA, Southeast District Office by February 15 and August 15 of each year and shall cover the previous 6-month period.
5. The permittee shall submit annual deviation (excursion) reports that identify each month during which the rolling, 6-month total natural gas usage exceeds 1,531 million cubic feet, and the actual total monthly usage rate for each such month.
6. Pursuant to OAC rules 3745-15-04, 3745-35-02, and ORC sections 3704.03(I) and 3704.031 and 40 CFR Parts 60.7 and 60.13(h), 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 the date, commencement and completion times, duration, magnitude, reason (if known), and corrective actions taken (if any), of all instances of NO_x values in excess of the applicable limits specified in 40 CFR Part 76 or any limitations specified in the terms and conditions of this permit. These reports shall also contain the total NO_x emissions for the calendar quarter (in tons).

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 any continuous NO_x monitoring system downtime while the emissions unit was on line (date, time, duration and reason) along with any corrective action(s) taken. The permittee shall provide the emissions unit operating time during the reporting period and the date, time, reason and corrective action(s) taken for each time period of emissions unit and control equipment malfunctions. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line shall also be included in the quarterly report.

If there are no excess emissions during the calendar quarter, the permittee shall submit a statement to that effect along with the emissions unit operating time during the reporting period and the date, time, reason, and corrective action(s) taken for each time period of emissions unit, control equipment, and/or monitoring system malfunctions. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line also shall be included in the quarterly report. These quarterly excess emission reports shall be submitted by January 30, April 30, July 30, and October 30 of each year and shall address the data obtained during the previous calendar quarter.

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.1 of these terms and conditions shall be determined in accordance with the following methods:

- 1.a Emission Limitation:

Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average.

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.

- 1.b Emission Limitation:

PM₁₀ emissions shall not exceed 0.006 lb/million Btu when burning natural gas.

Applicable Compliance Method:

Compliance may be determined by multiplying the maximum gas burning capacity of the emissions unit, in million cubic feet/hr, by the AP-42 (Table 1.4-2, July, 1998) emission factor for natural gas combustion (1.9 lbs/million cubic feet), and then dividing by 182.56 million Btu/hr.

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

V. Testing Requirements (continued)

1.c Emission Limitation:

PM10 emissions shall not exceed 0.0089 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.

Applicable Compliance Method:

When burning a combination of natural gas and clean blast furnace gas, compliance may be determined by multiplying the actual hourly fuel rate usage of natural gas by the AP-42 emission factor and the actual hourly fuel rate usage of clean blast furnace gas by the emission factor determined in the most recent stack test for each gas burned in combination.

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

1.d Emission Limitation:

PM10 emissions shall not exceed 11.2 tpy.

Applicable Compliance Method:

Compliance shall be demonstrated by multiplying the allowable particulate emission limitation (0.0089 lb/million Btu) by the maximum capacity of 182.56 million Btu/hr, and by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton.

1.e Emission Limitation:

PM10 emissions shall not exceed 2.6 lbs/hr.

Applicable Compliance Method:

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

1.f Emission Limitation:

VOC emissions shall not exceed 1.0 lb/hr.

Applicable Compliance Method:

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

V. Testing Requirements (continued)

1.g Emission Limitations:

NO_x emissions shall not exceed 0.06 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.

NO_x emissions shall not exceed 0.015 lb/million Btu when burning natural gas.

NO_x emissions shall not exceed 36.0 lbs/hr.

Applicable Compliance Methods:

When burning individual fuels, compliance may be determined by multiplying the actual hourly usage of the gas by its AP-42 emission factor (for natural gas) or by the emission factor determined in the most recent stack test (for clean blast furnace gas).

When burning a combination of natural gas and clean blast furnace gas, compliance may be determined by multiplying the actual hourly usage of natural gas by the AP-42 emission factor and the actual hourly usage of clean blast furnace gas by the emission factor determined in the most recent stack test for each gas burned in combination.

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

1.h Emission Limitations:

CO emissions shall not exceed 0.045 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.

CO emissions shall not exceed 0.040 lb/million Btu when burning natural gas.

CO emissions shall not exceed 5.3 lbs/hr.

Applicable Compliance Methods:

When burning individual fuels, compliance may be determined by multiplying the actual hourly usage of the gas by its AP-42 emission factor (for natural gas) or by the emission factor determined in the most recent stack test (for clean blast furnace gas).

When burning a combination of natural gas and clean blast furnace gas, compliance may be determined by multiplying the actual hourly usage of natural gas by the AP-42 emission factor and the actual hourly usage of clean blast furnace gas by the emission factor determined in the most recent stack test for each gas burned in combination.

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

1.i Emission Limitation:

SO₂ emissions shall not exceed 45.7 lbs/hr.

Applicable Compliance Method:

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

1.j Emission Limitation:

SO₂ emissions shall not exceed 200.2 tons/rolling, 12-month period.

Applicable Compliance Method:

The permittee shall multiply the annual fuel usage by the emission factors determined during the most recent stack test performed in accordance with section A.V.2.

V. Testing Requirements (continued)

1.k Emission Limitation:

NO_x emissions shall not exceed 102.9 tons/rolling, 12-month period.

Applicable Compliance Method:

The permittee shall multiply the annual fuel usage by the emission factors determined during the most recent stack test performed in accordance with section A.V.2.

1.l Emission Limitation:

CO emissions shall not exceed 35.5 tons/rolling, 12-month period.

Applicable Compliance Method:

The permittee shall multiply the annual fuel usage by the emission factors determined during the most recent stack test performed in accordance with section A.V.2.

1.m Emission Limitation:

VOC emissions shall not exceed 2.2 tons/rolling, 12-month period.

Applicable Compliance Method:

The permittee shall multiply the annual fuel usage by the emission factors determined during the most recent stack test performed in accordance with section A.V.2.

2. The permittee shall conduct, or have conducted, emission testing of the boiler stack emissions in accordance with the following requirements:

a. Performance testing must be conducted within 2.5 years of the effective date of this permit and within 6 months prior to expiration.

b. The emission testing shall be conducted to demonstrate compliance with the PM₁₀, opacity, VOC, NO_x, SO₂, and CO emission limitations.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s):

for PM₁₀, Methods 1 through 4 of 40 CFR Part 60, Appendix A, and Method 201 or 201A of 40 CFR Part 51, Appendix M;

for visible particulate emissions, Method 9 of 40 CFR 60 Appendix A;

for VOC, Methods 1 through 4 and Method 25 of 40 CFR 60 Appendix A;

for NO_x, Methods 1 through 4 and Method 7 of 40 CFR 60, Appendix A;

for SO₂, Methods 1 through 4 and Method 6 of 40 CFR 60, Appendix A; and

for CO, Methods 1 through 4 and Method 10 of 40 CFR 60 Appendix A.

Alternative U.S. EPA-approved test methods may be used with prior approval from the Ohio EPA.

d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Southeast District Office.

V. Testing Requirements (continued)

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, Southeast 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, Southeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Southeast 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.

A comprehensive written report on the results of the emission test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Southeast 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, Southeast District Office.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Boiler 2 (B002)

Activity Description: The boiler will burn blast furnace gas as a primary fuel with natural gas as a supplemental fuel for generating process steam and electricity.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
182.56 million Btu/hr boiler fired with natural gas and/or clean blast furnace gas	OAC rule 3745-31-05(A)(3) (PTI 06-06309)	<p>Particulate emissions with a diameter less than 10 microns (PM10) shall not exceed 0.0089 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.</p> <p>PM10 emissions shall not exceed 0.006 lb/million Btu when burning natural gas.</p> <p>PM10 emissions shall not exceed 2.6 lbs/hr.</p> <p>Nitrogen oxide (NOx) emissions shall not exceed 0.06 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.</p> <p>NOx emissions shall not exceed 0.15 lb/million Btu when burning natural gas.</p> <p>NOx emissions shall not exceed 36.0 lbs/hr.</p> <p>Carbon monoxide (CO) emissions shall not exceed 0.045 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.</p> <p>CO emissions shall not exceed 0.040 lb/million Btu when burning natural gas.</p> <p>CO emissions shall not exceed 5.3 lbs/hr.</p>

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
		<p>Volatile organic compound (VOC) emissions shall not exceed 1.0 lb/hr.</p> <p>Sulfur dioxide (SO₂) emissions shall not exceed 45.7 lbs/hr.</p> <p>Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average.</p> <p>The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(D).</p>
	OAC rule 3745-31-05(D) (PTI 06-06309)	<p>PM₁₀ emissions shall not exceed 11.2 tons/rolling, 12-month period.</p> <p>NO_x emissions shall not exceed 102.9 tons/rolling, 12-month period.</p> <p>CO emissions shall not exceed 35.5 tons/rolling, 12-month period.</p> <p>VOC emissions shall not exceed 2.2 tons/rolling, 12-month period.</p>
	OAC rule 3745-17-07(A)(1)	<p>SO₂ emissions shall not exceed 200.2 tons/rolling, 12-month period.</p> <p>The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).</p>
	OAC rule 3745-17-10(B)(1)	<p>The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).</p>
	40 CFR Part 60, Subpart Db	<p>The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).</p>

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. Natural gas usage shall not exceed 1,531 million cubic feet per rolling, 6-month period for emissions units B001, B002, B003, and B004, combined.
2. This emissions unit shall be operated with the condition of permanent shut-down of the Wheeling-Pittsburgh Steel Corporation Mingo Junction Boiler House, emissions units B001, B002, B003, B004, B005, B006, B007, B008, B009, B010, B011, and B012 under Ohio EPA premise number 0641090010.

III. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas, clean blast furnace gas, or a combination of natural gas and clean blast furnace gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
2. The permittee shall maintain records of the quantity of natural gas combusted during each operating day, in cubic feet.
3. The permittee shall maintain records of the quantity of clean blast furnace gas combusted during each operating day, in cubic feet.
4. The permittee shall calculate and maintain records of the amount of clean blast furnace gas and natural gas consumed by this emissions unit on a rolling, 6-month basis.
5. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
6. The permittee shall operate and maintain existing equipment to continuously monitor and record NO_x emissions from this emissions unit in units of the applicable standard. Such continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 60.13 and/or 40 CFR Part 75

The permittee shall maintain records of all data obtained by the continuous NO_x monitoring system including, but not limited to, parts per million NO_x on an instantaneous (one-minute) basis, emissions of NO_x in units of the applicable standard in the appropriate averaging period (e.g., hourly, hourly rolling, 3-hour, daily, 30-day rolling, etc.), results of daily zero/span calibration checks, and magnitudes of manual calibration adjustments.

7. A statement of certification of the existing continuous NO_x monitoring system shall be maintained on site and shall consist of a letter from the Ohio EPA detailing the results of an Agency review of the certification tests and a statement by the Agency that the system is considered certified in accordance with the requirements of 40 CFR Part 60, Appendix B, Performance Specification 6 and/or 40 CFR Part 75. Proof of certification shall be made available to the Director (the appropriate Ohio EPA District Office or local air agency) upon request.
8. Within 180 days of the effective date of this permit, the permittee shall develop a written quality assurance/quality control plan for the continuous NO_x monitoring system designed to ensure continuous valid and representative readings of NO_x emissions in units of the applicable standard. The plan shall follow the requirements of 40 CFR Part 60, Appendix F and/or 40 CFR Part 75, Appendix B. The quality assurance/quality control plan and a logbook dedicated to the continuous NO_x monitoring system must be kept on site and available for inspection during regular office hours.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas or clean blast furnace gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall submit quarterly reports detailing the rolling, 6-month average natural gas and clean blast furnace gas usage. These reports shall clearly identify any exceedance of the rolling, 6-month fuel usage limits.
3. Pursuant to 40 CFR Parts 60.7 and 60.13, the permittee shall submit quarterly reports documenting all instances of NO_x values in excess of the limits specified in this permit. These reports shall be submitted in accordance with Part II, General Terms and Conditions, and shall include data obtained during the previous calendar quarter.

IV. Reporting Requirements (continued)

4. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Ohio EPA, Southeast District Office by February 15 and August 15 of each year and shall cover the previous 6-month period.
5. The permittee shall submit annual deviation (excursion) reports that identify each month during which the rolling, 6-month total natural gas usage exceeds 1,531 million cubic feet, and the actual total monthly usage rate for each such month.
6. Pursuant to OAC rules 3745-15-04, 3745-35-02, and ORC sections 3704.03(I) and 3704.031 and 40 CFR Parts 60.7 and 60.13(h), 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 the date, commencement and completion times, duration, magnitude, reason (if known), and corrective actions taken (if any), of all instances of NO_x values in excess of the applicable limits specified in 40 CFR Part 76 or any limitations specified in the terms and conditions of this permit. These reports shall also contain the total NO_x emissions for the calendar quarter (in tons).

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 any continuous NO_x monitoring system downtime while the emissions unit was on line (date, time, duration and reason) along with any corrective action(s) taken. The permittee shall provide the emissions unit operating time during the reporting period and the date, time, reason and corrective action(s) taken for each time period of emissions unit and control equipment malfunctions. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line shall also be included in the quarterly report.

If there are no excess emissions during the calendar quarter, the permittee shall submit a statement to that effect along with the emissions unit operating time during the reporting period and the date, time, reason, and corrective action(s) taken for each time period of emissions unit, control equipment, and/or monitoring system malfunctions. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line also shall be included in the quarterly report. These quarterly excess emission reports shall be submitted by January 30, April 30, July 30, and October 30 of each year and shall address the data obtained during the previous calendar quarter.

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.1 of these terms and conditions shall be determined in accordance with the following methods:

- 1.a Emission Limitation:

Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average.

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.

- 1.b Emission Limitation:

PM₁₀ emissions shall not exceed 0.006 lb/million Btu when burning natural gas.

Applicable Compliance Method:

Compliance may be determined by multiplying the maximum gas burning capacity of the emissions unit, in million cubic feet/hr, by the AP-42 (Table 1.4-2, July, 1998) emission factor for natural gas combustion (1.9 lbs/million cubic feet), and then dividing by 182.56 million Btu/hr.

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

V. Testing Requirements (continued)

1.c Emission Limitation:

PM10 emissions shall not exceed 0.0089 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.

Applicable Compliance Method:

When burning a combination of natural gas and clean blast furnace gas, compliance may be determined by multiplying the actual hourly fuel rate usage of natural gas by the AP-42 emission factor and the actual hourly fuel rate usage of clean blast furnace gas by the emission factor determined in the most recent stack test for each gas burned in combination.

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

1.d Emission Limitation:

PM10 emissions shall not exceed 11.2 tpy.

Applicable Compliance Method:

Compliance shall be demonstrated by multiplying the allowable particulate emission limitation (0.0089 lb/million Btu) by the maximum capacity of 182.56 million Btu/hr, and by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton.

1.e Emission Limitation:

PM10 emissions shall not exceed 2.6 lbs/hr.

Applicable Compliance Method:

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

1.f Emission Limitation:

VOC emissions shall not exceed 1.0 lb/hr.

Applicable Compliance Method:

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

V. Testing Requirements (continued)

1.g Emission Limitations:

NO_x emissions shall not exceed 0.06 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.

NO_x emissions shall not exceed 0.015 lb/million Btu when burning natural gas.

NO_x emissions shall not exceed 36.0 lbs/hr.

Applicable Compliance Methods:

When burning individual fuels, compliance may be determined by multiplying the actual hourly usage of the gas by its AP-42 emission factor (for natural gas) or by the emission factor determined in the most recent stack test (for clean blast furnace gas).

When burning a combination of natural gas and clean blast furnace gas, compliance may be determined by multiplying the actual hourly usage of natural gas by the AP-42 emission factor and the actual hourly usage of clean blast furnace gas by the emission factor determined in the most recent stack test for each gas burned in combination.

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

1.h Emission Limitations:

CO emissions shall not exceed 0.045 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.

CO emissions shall not exceed 0.040 lb/million Btu when burning natural gas.

CO emissions shall not exceed 5.3 lbs/hr.

Applicable Compliance Methods:

When burning individual fuels, compliance may be determined by multiplying the actual hourly usage of the gas by its AP-42 emission factor (for natural gas) or by the emission factor determined in the most recent stack test (for clean blast furnace gas).

When burning a combination of natural gas and clean blast furnace gas, compliance may be determined by multiplying the actual hourly usage of natural gas by the AP-42 emission factor and the actual hourly usage of clean blast furnace gas by the emission factor determined in the most recent stack test for each gas burned in combination.

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

1.i Emission Limitation:

SO₂ emissions shall not exceed 45.7 lbs/hr.

Applicable Compliance Method:

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

1.j Emission Limitation:

SO₂ emissions shall not exceed 200.2 tons/rolling, 12-month period.

Applicable Compliance Method:

The permittee shall multiply the annual fuel usage by the emission factors determined during the most recent stack test performed in accordance with section A.V.2.

V. Testing Requirements (continued)

1.k Emission Limitation:

NOx emissions shall not exceed 102.9 tons/rolling, 12-month period.

Applicable Compliance Method:

The permittee shall multiply the annual fuel usage by the emission factors determined during the most recent stack test performed in accordance with section A.V.2.

1.l Emission Limitation:

CO emissions shall not exceed 35.5 tons/rolling, 12-month period.

Applicable Compliance Method:

The permittee shall multiply the annual fuel usage by the emission factors determined during the most recent stack test performed in accordance with section A.V.2.

1.m Emission Limitation:

VOC emissions shall not exceed 2.2 tons/rolling, 12-month period.

Applicable Compliance Method:

The permittee shall multiply the annual fuel usage by the emission factors determined during the most recent stack test performed in accordance with section A.V.2.

2. The permittee shall conduct, or have conducted, emission testing of the boiler stack emissions in accordance with the following requirements:

a. Performance testing must be conducted within 2.5 years of the effective date of this permit and within 6 months prior to expiration.

b. The emission testing shall be conducted to demonstrate compliance with the PM10, opacity, VOC, NOx, SO2, and CO emission limitations.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s):

for PM10, Methods 1 through 4 of 40 CFR Part 60, Appendix A, and Method 201 or 201A of 40 CFR Part 51, Appendix M;

for visible particulate emissions, Method 9 of 40 CFR 60 Appendix A;

for VOC, Methods 1 through 4 and Method 25 of 40 CFR 60 Appendix A;

for NOx, Methods 1 through 4 and Method 7 of 40 CFR 60, Appendix A;

for SO2, Methods 1 through 4 and Method 6 of 40 CFR 60, Appendix A; and

for CO, Methods 1 through 4 and Method 10 of 40 CFR 60 Appendix A.

Alternative U.S. EPA-approved test methods may be used with prior approval from the Ohio EPA.

d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Southeast District Office.

V. Testing Requirements (continued)

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, Southeast 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, Southeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Southeast 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.

A comprehensive written report on the results of the emission test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Southeast 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, Southeast District Office.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Boiler 3 (B003)

Activity Description: The boiler will burn blast furnace gas as a primary fuel with natural gas as a supplemental fuel for generating process steam and electricity.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
182.56 million Btu/hr boiler fired with natural gas and/or clean blast furnace gas	OAC rule 3745-31-05(A)(3) (PTI 06-06309)	<p>Particulate emissions with a diameter less than 10 microns (PM10) shall not exceed 0.0089 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.</p> <p>PM10 emissions shall not exceed 0.006 lb/million Btu when burning natural gas.</p> <p>PM10 emissions shall not exceed 2.6 lbs/hr.</p> <p>Nitrogen oxide (NOx) emissions shall not exceed 0.06 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.</p> <p>NOx emissions shall not exceed 0.15 lb/million Btu when burning natural gas.</p> <p>NOx emissions shall not exceed 36.0 lbs/hr.</p> <p>Carbon monoxide (CO) emissions shall not exceed 0.045 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.</p> <p>CO emissions shall not exceed 0.040 lb/million Btu when burning natural gas.</p> <p>CO emissions shall not exceed 5.3 lbs/hr.</p>

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
		<p>Volatile organic compound (VOC) emissions shall not exceed 1.0 lb/hr.</p> <p>Sulfur dioxide (SO₂) emissions shall not exceed 45.7 lbs/hr.</p> <p>Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average.</p> <p>The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(D).</p>
	OAC rule 3745-31-05(D) (PTI 06-06309)	<p>PM₁₀ emissions shall not exceed 11.2 tons/rolling, 12-month period.</p> <p>NO_x emissions shall not exceed 102.9 tons/rolling, 12-month period.</p> <p>CO emissions shall not exceed 35.5 tons/rolling, 12-month period.</p> <p>VOC emissions shall not exceed 2.2 tons/rolling, 12-month period.</p>
	OAC rule 3745-17-07(A)(1)	<p>SO₂ emissions shall not exceed 200.2 tons/rolling, 12-month period.</p> <p>The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).</p>
	OAC rule 3745-17-10(B)(1)	<p>The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).</p>
	40 CFR Part 60, Subpart Db	<p>The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).</p>

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. Natural gas usage shall not exceed 1,531 million cubic feet per rolling, 6-month period for emissions units B001, B002, B003, and B004, combined.
2. This emissions unit shall be operated with the condition of permanent shut-down of the Wheeling-Pittsburgh Steel Corporation Mingo Junction Boiler House, emissions units B001, B002, B003, B004, B005, B006, B007, B008, B009, B010, B011, and B012 under Ohio EPA premise number 0641090010.

III. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas, clean blast furnace gas, or a combination of natural gas and clean blast furnace gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
2. The permittee shall maintain records of the quantity of natural gas combusted during each operating day, in cubic feet.
3. The permittee shall maintain records of the quantity of clean blast furnace gas combusted during each operating day, in cubic feet.
4. The permittee shall calculate and maintain records of the amount of clean blast furnace gas and natural gas consumed by this emissions unit on a rolling, 6-month basis.
5. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
6. The permittee shall operate and maintain existing equipment to continuously monitor and record NO_x emissions from this emissions unit in units of the applicable standard. Such continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 60.13 and/or 40 CFR Part 75

The permittee shall maintain records of all data obtained by the continuous NO_x monitoring system including, but not limited to, parts per million NO_x on an instantaneous (one-minute) basis, emissions of NO_x in units of the applicable standard in the appropriate averaging period (e.g., hourly, hourly rolling, 3-hour, daily, 30-day rolling, etc.), results of daily zero/span calibration checks, and magnitudes of manual calibration adjustments.

7. A statement of certification of the existing continuous NO_x monitoring system shall be maintained on site and shall consist of a letter from the Ohio EPA detailing the results of an Agency review of the certification tests and a statement by the Agency that the system is considered certified in accordance with the requirements of 40 CFR Part 60, Appendix B, Performance Specification 6 and/or 40 CFR Part 75. Proof of certification shall be made available to the Director (the appropriate Ohio EPA District Office or local air agency) upon request.
8. Within 180 days of the effective date of this permit, the permittee shall develop a written quality assurance/quality control plan for the continuous NO_x monitoring system designed to ensure continuous valid and representative readings of NO_x emissions in units of the applicable standard. The plan shall follow the requirements of 40 CFR Part 60, Appendix F and/or 40 CFR Part 75, Appendix B. The quality assurance/quality control plan and a logbook dedicated to the continuous NO_x monitoring system must be kept on site and available for inspection during regular office hours.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas or clean blast furnace gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall submit quarterly reports detailing the rolling, 6-month average natural gas and clean blast furnace gas usage. These reports shall clearly identify any exceedance of the rolling, 6-month fuel usage limits.
3. Pursuant to 40 CFR Parts 60.7 and 60.13, the permittee shall submit quarterly reports documenting all instances of NO_x values in excess of the limits specified in this permit. These reports shall be submitted in accordance with Part II, General Terms and Conditions, and shall include data obtained during the previous calendar quarter.

IV. Reporting Requirements (continued)

4. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Ohio EPA, Southeast District Office by February 15 and August 15 of each year and shall cover the previous 6-month period.
5. The permittee shall submit annual deviation (excursion) reports that identify each month during which the rolling, 6-month total natural gas usage exceeds 1,531 million cubic feet, and the actual total monthly usage rate for each such month.
6. Pursuant to OAC rules 3745-15-04, 3745-35-02, and ORC sections 3704.03(I) and 3704.031 and 40 CFR Parts 60.7 and 60.13(h), 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 the date, commencement and completion times, duration, magnitude, reason (if known), and corrective actions taken (if any), of all instances of NO_x values in excess of the applicable limits specified in 40 CFR Part 76 or any limitations specified in the terms and conditions of this permit. These reports shall also contain the total NO_x emissions for the calendar quarter (in tons).

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 any continuous NO_x monitoring system downtime while the emissions unit was on line (date, time, duration and reason) along with any corrective action(s) taken. The permittee shall provide the emissions unit operating time during the reporting period and the date, time, reason and corrective action(s) taken for each time period of emissions unit and control equipment malfunctions. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line shall also be included in the quarterly report.

If there are no excess emissions during the calendar quarter, the permittee shall submit a statement to that effect along with the emissions unit operating time during the reporting period and the date, time, reason, and corrective action(s) taken for each time period of emissions unit, control equipment, and/or monitoring system malfunctions. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line also shall be included in the quarterly report. These quarterly excess emission reports shall be submitted by January 30, April 30, July 30, and October 30 of each year and shall address the data obtained during the previous calendar quarter.

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.1 of these terms and conditions shall be determined in accordance with the following methods:

- 1.a Emission Limitation:

Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average.

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.

- 1.b Emission Limitation:

PM₁₀ emissions shall not exceed 0.006 lb/million Btu when burning natural gas.

Applicable Compliance Method:

Compliance may be determined by multiplying the maximum gas burning capacity of the emissions unit, in million cubic feet/hr, by the AP-42 (Table 1.4-2, July, 1998) emission factor for natural gas combustion (1.9 lbs/million cubic feet), and then dividing by 182.56 million Btu/hr.

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

V. Testing Requirements (continued)

1.c Emission Limitation:

PM10 emissions shall not exceed 0.0089 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.

Applicable Compliance Method:

When burning a combination of natural gas and clean blast furnace gas, compliance may be determined by multiplying the actual hourly fuel rate usage of natural gas by the AP-42 emission factor and the actual hourly fuel rate usage of clean blast furnace gas by the emission factor determined in the most recent stack test for each gas burned in combination.

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

1.d Emission Limitation:

PM10 emissions shall not exceed 11.2 tpy.

Applicable Compliance Method:

Compliance shall be demonstrated by multiplying the allowable particulate emission limitation (0.0089 lb/million Btu) by the maximum capacity of 182.56 million Btu/hr, and by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton.

1.e Emission Limitation:

PM10 emissions shall not exceed 2.6 lbs/hr.

Applicable Compliance Method:

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

1.f Emission Limitation:

VOC emissions shall not exceed 1.0 lb/hr.

Applicable Compliance Method:

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

V. Testing Requirements (continued)

1.g Emission Limitations:

NO_x emissions shall not exceed 0.06 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.

NO_x emissions shall not exceed 0.015 lb/million Btu when burning natural gas.

NO_x emissions shall not exceed 36.0 lbs/hr.

Applicable Compliance Methods:

When burning individual fuels, compliance may be determined by multiplying the actual hourly usage of the gas by its AP-42 emission factor (for natural gas) or by the emission factor determined in the most recent stack test (for clean blast furnace gas).

When burning a combination of natural gas and clean blast furnace gas, compliance may be determined by multiplying the actual hourly usage of natural gas by the AP-42 emission factor and the actual hourly usage of clean blast furnace gas by the emission factor determined in the most recent stack test for each gas burned in combination.

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

1.h Emission Limitations:

CO emissions shall not exceed 0.045 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.

CO emissions shall not exceed 0.040 lb/million Btu when burning natural gas.

CO emissions shall not exceed 5.3 lbs/hr.

Applicable Compliance Methods:

When burning individual fuels, compliance may be determined by multiplying the actual hourly usage of the gas by its AP-42 emission factor (for natural gas) or by the emission factor determined in the most recent stack test (for clean blast furnace gas).

When burning a combination of natural gas and clean blast furnace gas, compliance may be determined by multiplying the actual hourly usage of natural gas by the AP-42 emission factor and the actual hourly usage of clean blast furnace gas by the emission factor determined in the most recent stack test for each gas burned in combination.

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

1.i Emission Limitation:

SO₂ emissions shall not exceed 45.7 lbs/hr.

Applicable Compliance Method:

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

1.j Emission Limitation:

SO₂ emissions shall not exceed 200.2 tons/rolling, 12-month period.

Applicable Compliance Method:

The permittee shall multiply the annual fuel usage by the emission factors determined during the most recent stack test performed in accordance with section A.V.2.

V. Testing Requirements (continued)

1.k Emission Limitation:

NO_x emissions shall not exceed 102.9 tons/rolling, 12-month period.

Applicable Compliance Method:

The permittee shall multiply the annual fuel usage by the emission factors determined during the most recent stack test performed in accordance with section A.V.2.

1.l Emission Limitation:

CO emissions shall not exceed 35.5 tons/rolling, 12-month period.

Applicable Compliance Method:

The permittee shall multiply the annual fuel usage by the emission factors determined during the most recent stack test performed in accordance with section A.V.2.

1.m Emission Limitation:

VOC emissions shall not exceed 2.2 tons/rolling, 12-month period.

Applicable Compliance Method:

The permittee shall multiply the annual fuel usage by the emission factors determined during the most recent stack test performed in accordance with section A.V.2.

2. The permittee shall conduct, or have conducted, emission testing of the boiler stack emissions in accordance with the following requirements:

a. Performance testing must be conducted within 2.5 years of the effective date of this permit and within 6 months prior to expiration.

b. The emission testing shall be conducted to demonstrate compliance with the PM₁₀, opacity, VOC, NO_x, SO₂, and CO emission limitations.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s):

for PM₁₀, Methods 1 through 4 of 40 CFR Part 60, Appendix A, and Method 201 or 201A of 40 CFR Part 51, Appendix M;

for visible particulate emissions, Method 9 of 40 CFR 60 Appendix A;

for VOC, Methods 1 through 4 and Method 25 of 40 CFR 60 Appendix A;

for NO_x, Methods 1 through 4 and Method 7 of 40 CFR 60, Appendix A;

for SO₂, Methods 1 through 4 and Method 6 of 40 CFR 60, Appendix A; and

for CO, Methods 1 through 4 and Method 10 of 40 CFR 60 Appendix A.

Alternative U.S. EPA-approved test methods may be used with prior approval from the Ohio EPA.

d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Southeast District Office.

V. Testing Requirements (continued)

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, Southeast 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, Southeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Southeast 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.

A comprehensive written report on the results of the emission test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Southeast 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, Southeast District Office.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Boiler 4 (B004)

Activity Description: The boiler will burn blast furnace gas as a primary fuel with natural gas as a supplemental fuel for generating process steam and electricity.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
182.56 million Btu/hr boiler fired with natural gas and/or clean blast furnace gas	OAC rule 3745-31-05(A)(3) (PTI 06-06309)	<p>Particulate emissions with a diameter less than 10 microns (PM10) shall not exceed 0.0089 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.</p> <p>PM10 emissions shall not exceed 0.006 lb/million Btu when burning natural gas.</p> <p>PM10 emissions shall not exceed 2.6 lbs/hr.</p> <p>Nitrogen oxide (NOx) emissions shall not exceed 0.06 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.</p> <p>NOx emissions shall not exceed 0.15 lb/million Btu when burning natural gas.</p> <p>NOx emissions shall not exceed 36.0 lbs/hr.</p> <p>Carbon monoxide (CO) emissions shall not exceed 0.045 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.</p> <p>CO emissions shall not exceed 0.040 lb/million Btu when burning natural gas.</p> <p>CO emissions shall not exceed 5.3 lbs/hr.</p>

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
		<p>Volatile organic compound (VOC) emissions shall not exceed 1.0 lb/hr.</p> <p>Sulfur dioxide (SO₂) emissions shall not exceed 45.7 lbs/hr.</p> <p>Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average.</p> <p>The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(D).</p>
	OAC rule 3745-31-05(D) (PTI 06-06309)	<p>PM₁₀ emissions shall not exceed 11.2 tons/rolling, 12-month period.</p> <p>NO_x emissions shall not exceed 102.9 tons/rolling, 12-month period.</p> <p>CO emissions shall not exceed 35.5 tons/rolling, 12-month period.</p> <p>VOC emissions shall not exceed 2.2 tons/rolling, 12-month period.</p>
	OAC rule 3745-17-07(A)(1)	<p>SO₂ emissions shall not exceed 200.2 tons/rolling, 12-month period.</p> <p>The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).</p>
	OAC rule 3745-17-10(B)(1)	<p>The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).</p>
	40 CFR Part 60, Subpart Db	<p>The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).</p>

2. Additional Terms and Conditions

None

II. Operational Restrictions

- Natural gas usage shall not exceed 1,531 million cubic feet per rolling, 6-month period for emissions units B001, B002, B003, and B004, combined.
- This emissions unit shall be operated with the condition of permanent shut-down of the Wheeling-Pittsburgh Steel Corporation Mingo Junction Boiler House, emissions units B001, B002, B003, B004, B005, B006, B007, B008, B009, B010, B011, and B012 under Ohio EPA premise number 0641090010.

III. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas, clean blast furnace gas, or a combination of natural gas and clean blast furnace gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
2. The permittee shall maintain records of the quantity of natural gas combusted during each operating day, in cubic feet.
3. The permittee shall maintain records of the quantity of clean blast furnace gas combusted during each operating day, in cubic feet.
4. The permittee shall calculate and maintain records of the amount of clean blast furnace gas and natural gas consumed by this emissions unit on a rolling, 6-month basis.
5. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
6. The permittee shall operate and maintain existing equipment to continuously monitor and record NOx emissions from this emissions unit in units of the applicable standard. Such continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 60.13 and/or 40 CFR Part 75

The permittee shall maintain records of all data obtained by the continuous NOx monitoring system including, but not limited to, parts per million NOx on an instantaneous (one-minute) basis, emissions of NOx in units of the applicable standard in the appropriate averaging period (e.g., hourly, hourly rolling, 3-hour, daily, 30-day rolling, etc.), results of daily zero/span calibration checks, and magnitudes of manual calibration adjustments.

7. A statement of certification of the existing continuous NOx monitoring system shall be maintained on site and shall consist of a letter from the Ohio EPA detailing the results of an Agency review of the certification tests and a statement by the Agency that the system is considered certified in accordance with the requirements of 40 CFR Part 60, Appendix B, Performance Specification 6 and/or 40 CFR Part 75. Proof of certification shall be made available to the Director (the appropriate Ohio EPA District Office or local air agency) upon request.
8. Within 180 days of the effective date of this permit, the permittee shall develop a written quality assurance/quality control plan for the continuous NOx monitoring system designed to ensure continuous valid and representative readings of NOx emissions in units of the applicable standard. The plan shall follow the requirements of 40 CFR Part 60, Appendix F and/or 40 CFR Part 75, Appendix B. The quality assurance/quality control plan and a logbook dedicated to the continuous NOx monitoring system must be kept on site and available for inspection during regular office hours.
9. The permittee shall operate and maintain existing equipment to continuously monitor and record SO2 from this emissions unit in units of the applicable standard(s). Such continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 60.13 and/or 40 CFR Part 75.

The permittee shall maintain records of all data obtained by the continuous SO2 monitoring system including, but not limited to, parts per million SO2 on an instantaneous (one-minute) basis, emissions of SO2 in units of the applicable standard in the appropriate averaging period (e.g., hourly, hourly rolling, 3-hour, daily, 30-day rolling, etc.), results of daily zero/span calibration checks, and magnitude of manual calibration adjustments.

10. Within 180 days of the effective date of this permit, the permittee shall develop a written quality assurance/quality control plan for the continuous SO2 monitoring system designed to ensure continuous valid and representative readings of SO2. The plan shall follow the requirements of 40 CFR Part 60, Appendix F and/or 40 CFR Part 75, Appendix B. The quality assurance/quality control plan and a logbook dedicated to the continuous SO2 monitoring system must be kept on site and available for inspection during regular office hours.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas or clean blast furnace gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall submit quarterly reports detailing the rolling, 6-month average natural gas and clean blast furnace gas usage. These reports shall clearly identify any exceedance of the rolling, 6-month fuel usage limits.
3. Pursuant to 40 CFR Parts 60.7 and 60.13, the permittee shall submit quarterly reports documenting all instances of NO_x values in excess of the limits specified in this permit. These reports shall be submitted in accordance with Part II, General Terms and Conditions, and shall include data obtained during the previous calendar quarter.
4. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Ohio EPA, Southeast District Office by February 15 and August 15 of each year and shall cover the previous 6-month period.
5. The permittee shall submit annual deviation (excursion) reports that identify each month during which the rolling, 6-month total natural gas usage exceeds 1,531 million cubic feet, and the actual total monthly usage rate for each such month.
6. Pursuant to OAC rules 3745-15-04, 3745-35-02, and ORC sections 3704.03(I) and 3704.031 and 40 CFR Parts 60.7 and 60.13(h), 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 the date, commencement and completion times, duration, magnitude, reason (if known), and corrective actions taken (if any), of all instances of NO_x values in excess of the applicable limits specified in 40 CFR Part 76 or any limitations specified in the terms and conditions of this permit. These reports shall also contain the total NO_x emissions for the calendar quarter (in tons).

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 any continuous NO_x monitoring system downtime while the emissions unit was on line (date, time, duration and reason) along with any corrective action(s) taken. The permittee shall provide the emissions unit operating time during the reporting period and the date, time, reason and corrective action(s) taken for each time period of emissions unit and control equipment malfunctions. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line shall also be included in the quarterly report.

If there are no excess emissions during the calendar quarter, the permittee shall submit a statement to that effect along with the emissions unit operating time during the reporting period and the date, time, reason, and corrective action(s) taken for each time period of emissions unit, control equipment, and/or monitoring system malfunctions. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line also shall be included in the quarterly report. These quarterly excess emission reports shall be submitted by January 30, April 30, July 30, and October 30 of each year and shall address the data obtained during the previous calendar quarter.

IV. Reporting Requirements (continued)

7. Pursuant to OAC rules 3745-15-04, 3745-35-02, and ORC sections 3704.03(l) and 3704.031 and 40 CFR Parts 60.7 and 60.13(h), 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 the date, commencement and completion times, duration, magnitude, reason (if known), and corrective actions taken (if any), of all instances of SO₂ values in excess of the applicable limits specified in OAC Chapter 3745-18, the 30-day rolling, weighted average SO₂ emission rates, and average daily SO₂ emission rates in units of the applicable standard(s). These reports shall also contain the total SO₂ emissions for the calendar quarter (in tons).

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 any continuous SO₂ monitoring system downtime while the emissions unit was on line (date, time, duration and reason) along with any corrective action(s) taken. The permittee shall provide the emissions unit operating time during the reporting period and the date, time, reason and corrective action(s) taken for each time period of emissions unit and control equipment malfunctions. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line shall also be included in the quarterly report.

If there are no excess emissions during the calendar quarter, the permittee shall submit a statement to that effect along with the emissions unit operating time during the reporting period and the date, time, reason, and corrective action(s) taken for each time period of emissions unit, control equipment, and/or monitoring system malfunctions. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line also shall be included in the quarterly report. These quarterly excess emission reports shall be submitted by January 30, April 30, July 30, and October 30 of each year and shall address the data obtained during the previous calendar quarter.

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.1 of these terms and conditions shall be determined in accordance with the following methods:

- 1.a Emission Limitation:

Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average.

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.

- 1.b Emission Limitation:

PM₁₀ emissions shall not exceed 0.006 lb/million Btu when burning natural gas.

Applicable Compliance Method:

Compliance may be determined by multiplying the maximum gas burning capacity of the emissions unit, in million cubic feet/hr, by the AP-42 (Table 1.4-2, July, 1998) emission factor for natural gas combustion (1.9 lbs/million cubic feet), and then dividing by 182.56 million Btu/hr.

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

V. Testing Requirements (continued)

1.c Emission Limitation:

PM10 emissions shall not exceed 0.0089 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.

Applicable Compliance Method:

When burning a combination of natural gas and clean blast furnace gas, compliance may be determined by multiplying the actual hourly fuel rate usage of natural gas by the AP-42 emission factor and the actual hourly fuel rate usage of clean blast furnace gas by the emission factor determined in the most recent stack test for each gas burned in combination.

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

1.d Emission Limitation:

PM10 emissions shall not exceed 11.2 tpy.

Applicable Compliance Method:

Compliance shall be demonstrated by multiplying the allowable particulate emission limitation (0.0089 lb/million Btu) by the maximum capacity of 182.56 million Btu/hr, and by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton.

1.e Emission Limitation:

PM10 emissions shall not exceed 2.6 lbs/hr.

Applicable Compliance Method:

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

1.f Emission Limitation:

VOC emissions shall not exceed 1.0 lb/hr.

Applicable Compliance Method:

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

V. Testing Requirements (continued)

1.g Emission Limitations:

NO_x emissions shall not exceed 0.06 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.

NO_x emissions shall not exceed 0.015 lb/million Btu when burning natural gas.

NO_x emissions shall not exceed 36.0 lbs/hr.

Applicable Compliance Methods:

When burning individual fuels, compliance may be determined by multiplying the actual hourly usage of the gas by its AP-42 emission factor (for natural gas) or by the emission factor determined in the most recent stack test (for clean blast furnace gas).

When burning a combination of natural gas and clean blast furnace gas, compliance may be determined by multiplying the actual hourly usage of natural gas by the AP-42 emission factor and the actual hourly usage of clean blast furnace gas by the emission factor determined in the most recent stack test for each gas burned in combination.

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

1.h Emission Limitations:

CO emissions shall not exceed 0.045 lb/million Btu when burning a blend of natural gas and clean blast furnace gas.

CO emissions shall not exceed 0.040 lb/million Btu when burning natural gas.

CO emissions shall not exceed 5.3 lbs/hr.

Applicable Compliance Methods:

When burning individual fuels, compliance may be determined by multiplying the actual hourly usage of the gas by its AP-42 emission factor (for natural gas) or by the emission factor determined in the most recent stack test (for clean blast furnace gas).

When burning a combination of natural gas and clean blast furnace gas, compliance may be determined by multiplying the actual hourly usage of natural gas by the AP-42 emission factor and the actual hourly usage of clean blast furnace gas by the emission factor determined in the most recent stack test for each gas burned in combination.

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

1.i Emission Limitation:

SO₂ emissions shall not exceed 45.7 lbs/hr.

Applicable Compliance Method:

The permittee shall demonstrate compliance based upon the stack testing methods and procedures specified in section A.V.2.

1.j Emission Limitation:

SO₂ emissions shall not exceed 200.2 tons/rolling, 12-month period.

Applicable Compliance Method:

The permittee shall multiply the annual fuel usage by the emission factors determined during the most recent stack test performed in accordance with section A.V.2.

V. Testing Requirements (continued)

1.k Emission Limitation:

NOx emissions shall not exceed 102.9 tons/rolling, 12-month period.

Applicable Compliance Method:

The permittee shall multiply the annual fuel usage by the emission factors determined during the most recent stack test performed in accordance with section A.V.2.

1.l Emission Limitation:

CO emissions shall not exceed 35.5 tons/rolling, 12-month period.

Applicable Compliance Method:

The permittee shall multiply the annual fuel usage by the emission factors determined during the most recent stack test performed in accordance with section A.V.2.

1.m Emission Limitation:

VOC emissions shall not exceed 2.2 tons/rolling, 12-month period.

Applicable Compliance Method:

The permittee shall multiply the annual fuel usage by the emission factors determined during the most recent stack test performed in accordance with section A.V.2.

2. The permittee shall conduct, or have conducted, emission testing of the boiler stack emissions in accordance with the following requirements:

a. Performance testing must be conducted within 2.5 years of the effective date of this permit and within 6 months prior to expiration.

b. The emission testing shall be conducted to demonstrate compliance with the PM10, opacity, VOC, NOx, SO2, and CO emission limitations.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s):

for PM10, Methods 1 through 4 of 40 CFR Part 60, Appendix A, and Method 201 or 201A of 40 CFR Part 51, Appendix M;

for visible particulate emissions, Method 9 of 40 CFR 60 Appendix A;

for VOC, Methods 1 through 4 and Method 25 of 40 CFR 60 Appendix A;

for NOx, Methods 1 through 4 and Method 7 of 40 CFR 60, Appendix A;

for SO2, Methods 1 through 4 and Method 6 of 40 CFR 60, Appendix A; and

for CO, Methods 1 through 4 and Method 10 of 40 CFR 60 Appendix A.

Alternative U.S. EPA-approved test methods may be used with prior approval from the Ohio EPA.

d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Southeast District Office.

V. Testing Requirements (continued)

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, Southeast 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, Southeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Southeast 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.

A comprehensive written report on the results of the emission test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Southeast 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, Southeast District Office.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

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