



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center
50 West Town Street, Suite 700
Columbus, OH 43215

TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049
Columbus, OH 43216-1049

06/12/08

CERTIFIED MAIL

**RE: Final Title V Chapter 3745-77
permit**

14-09-01-0021
Bluegrass Mills Holding Company
Dean Booso
407 Charles Street
Middletown, OH 45042

Dear Dean Booso:

Enclosed is the Title V permit that allows you to operate the facility in the manner indicated in the permit. Because this permit may contain several conditions and restrictions, we urge you to read it carefully.

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

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

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, OH 43215

If you have any questions, please contact Hamilton County Dept. of Environmental Services.

Sincerely,

Michael W. Ahern
Permit Issuance and Data Management Section
Division of Air Pollution Control

cc: Hamilton County Dept. of Environmental Services
File, DAPC PIER



State of Ohio Environmental Protection Agency

FINAL TITLE V PERMIT

Issue Date: 06/12/08

Effective Date: 07/03/08

Expiration Date: 07/03/13

This document constitutes issuance of a Title V permit for Facility ID: 14-09-01-0021 to:

Bluegrass Mills Holding Company
407 Charles Street
Middletown, OH 45042

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

Table with 3 columns: Emissions Unit ID (Company ID), Emissions Unit Activity Description, and a third column. Rows include B004 (Boiler 315), B005 (Boiler - B005), B006 (Boiler B006), and P002 (Paper Machine).

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.

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

Hamilton County Dept. of Environmental Services
250 William Howard Taft Rd
Cincinnati, OH 45219-2660
(513) 946-7777

Ohio Environmental Protection Agency

Chris Korleski signature

Chris Korleski
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, i.e., in Section A.III of Part III of this Title V permit, 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. **All reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations caused by malfunctions shall be submitted in the following manner:**

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 OAC rule 3745-77-07(A)(3)(c) deviation reporting requirements for malfunctions, written reports that identify each malfunction that occurred during each calendar quarter (including each malfunction reported only verbally in accordance with OAC rule 3745-15-06) shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year in accordance with General Term and Condition A.1.c.ii below; and each report shall cover the previous calendar quarter. (An exceedance of the visible emission limitations specified in OAC rule 3745-17-07(A)(1) that is caused by a malfunction is not a violation and does not need to be reported as a deviation if the owner or operator of the affected air contaminant source or air pollution control equipment complies with the requirements of OAC rule 3745-17-07(A)(3)(c).)

In accordance with OAC rule 3745-15-06, a malfunction reportable under OAC rule 3745-15-06(B) constitutes a violation of an emission limitation (or control requirement) and, therefore, is a deviation of the federally enforceable permit requirements. Even though verbal notifications and written reports are required for malfunctions pursuant to OAC rule 3745-15-06, the written reports required pursuant to this term must be submitted quarterly to satisfy the prompt reporting provision of OAC rule 3745-77-07(A)(3)(c).

In identifying each deviation caused by a malfunction, the permittee shall specify the emission limitation(s) (or control requirement(s)) 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. Nevertheless, all malfunctions, including those reported only verbally in accordance with OAC rule 3745-15-06, must be reported in writing on a quarterly basis.

Any scheduled maintenance, as referenced in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described above for malfunctions.

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

- ii. **Except as may otherwise be provided in the terms and conditions for a specific emissions unit, i.e., in Section A.IV of Part III of this Title V permit or, in some cases, in Part II of this Title V permit, all reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations of the emission limitations, operational restrictions, and control device operating parameter limitations shall be submitted in the following manner:**

Written reports of (a) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. Except as provided below, the written reports shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

In identifying each deviation, the permittee shall specify the emission limitation(s), operational restriction(s), and/or control device operating parameter limitation(s) for which the deviation occurred, describe each deviation, and provide the estimated magnitude and duration of each deviation.

These written deviation reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations. Full compliance with OAC rule 3745-77-07(A)(3)(c) requires reporting of all other deviations of the federally enforceable requirements specified in the permit as required by such rule.

If an emissions unit has a deviation reporting requirement for a specific emission limitation, operational restriction, or control device operating parameter limitation that is not on a quarterly basis (e.g., within 30 days following the end of the calendar month, or within 30 or 45 days after the exceedance occurs), that deviation reporting requirement satisfies the reporting requirements specified in this General Term and Condition for that specific emission limitation, operational restriction, or control device parameter limitation. Following the provisions of that non-quarterly deviation reporting requirement will also satisfy (for the deviations so reported) the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations, and additional quarterly deviation reports for that specific emission limitation, operational restriction, or control device parameter limitation are not required pursuant to this General Term and Condition.

See B.6 below if no deviations occurred during the quarter.

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

- iii. **All reporting required in accordance with the OAC rule 3745-77-07(A)(3)(c) for other deviations of the federally enforceable permit requirements which are not reported in accordance with General Term and Condition A.1.c.ii above shall be submitted in the following manner:**

Unless otherwise specified by rule, written reports that identify deviations of the following federally enforceable requirements contained in this permit; General Terms and Conditions: A.2, A.3, A.4, A.6.e, A.7, A.12, A.14, A.18, A.19, A.20, and A.22 of Part I of this Title V permit, as well as any deviations from the requirements in Section A.V or A.VI of Part III of this Title V permit, and any monitoring, record keeping, and reporting requirements, which are not reported in accordance with General Term and Condition A.1.c.ii above shall be submitted (i.e., postmarked) to the appropriate Ohio EPA District Office or local air agency by January 31 and July 31 of each year; and each report shall cover the previous six calendar months. Unless otherwise specified by rule, all other deviations from federally enforceable

requirements identified in this permit shall be submitted annually as part of the annual compliance certification, including deviations of federally enforceable requirements not specifically addressed by permit or rule for the insignificant activities or emissions levels (IEU) identified in Part II.A of this Title V permit. Annual reporting of deviations is deemed adequate to meet the deviation reporting requirements for IEUs unless otherwise specified by permit or rule.

In identifying each deviation, the permittee shall specify the federally enforceable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation.

These semi-annual and annual written reports shall satisfy the reporting requirements of OAC rule 3745-77-07(A)(3)(c) for any deviations from the federally enforceable requirements contained in this permit that are not reported in accordance with General Term and Condition A.1.c.ii above.

If no such deviations occurred during a six-month period, the permittee shall submit a semi-annual report which states that no such deviations occurred during that period.

(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii) and OAC rule 3745-77-07(A)(13)(b))

- 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))
- v. 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))

2. Scheduled Maintenance

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. Except as provided in OAC rule 3745-15-06(A)(3), any scheduled maintenance 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). Any scheduled maintenance, as defined in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described for malfunctions in General Term and Condition A.1.c.i above.

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

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.
- f. Except as otherwise indicated below, this Title V permit, or permit modification, is effective for five years from the original effective date specified in the permit. In the event that this facility becomes eligible for non-title V permits, this permit shall cease to be enforceable upon final issuance of all applicable OAC Chapter 3745-35 operating permits and/or registrations for all subject emissions units located at the facility and:
 - i. the permittee submits an approved facility-wide potential to emit analysis supporting a claim that the facility no longer meets the definition of a “major source” as defined in OAC rule 3745-77-01(W) based on the permanent shutdown and removal of one or more emissions units identified in this permit; or
 - ii. the permittee no longer meets the definition of a “major source” as defined in OAC rule 3745-77-01(W) based on obtaining restrictions on the facility-wide potential(s) to emit that are federally enforceable or legally and practically enforceable ; or
 - iii. a combination of i. and ii. above.

The permittee shall comply with any residual requirements, such as quarterly deviation reports, semi-annual deviation reports, and annual compliance certifications covering the period during which this Title V permit was enforceable. All records relating to this permit must be maintained in accordance with law.

(Authority for term: OAC rule 3745-77-01(W), OAC rule 3745-77-07(A)(3)(b)(ii), OAC rule 3745-77(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 (i.e., postmarked) 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 emissions 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.

(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 or Emissions Levels

Each IEU 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))

21. Permanent Shutdown of an Emissions Unit

The permittee may notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification from the responsible official that identifies the date on which the emissions unit was permanently shut down. Authorization to operate the affected emissions unit shall cease upon the date certified by the responsible official that the emissions unit was permanently shut down.

After the date on which an emissions unit is permanently shut down (i.e., that has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent “modification” or “installation” as defined in OAC Chapter 3745-31 and therefore ceases to meet the definition of an “emissions unit” as defined in OAC rule 3745-77-01(O)), rendering existing permit terms and conditions irrelevant, the permittee shall not be required, after the date of the certification and submission to Ohio EPA, to meet any Title V permit requirements applicable to that emissions unit, except for any residual requirements, such as the quarterly deviation reports, semi-annual deviation reports and annual compliance certification covering the period during which the emissions unit last operated. All records relating to the shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law.

No emissions unit certified by the responsible official as being permanently shut down may resume operation without first applying for and obtaining a permit to install pursuant to OAC Chapter 3745-31.

(Authority for term: OAC rule 3745-77-01)

22. Title VI Provisions

If applicable, the permittee shall comply with the standards for recycling and reducing emissions of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices specified in 40 CFR 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment specified in 40 CFR 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

(Authority for term: OAC rule 3745-77-01(H)(11))

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 (i.e., postmarked) quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

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 emission limitation (or control requirement), operational restriction and/or control device parameter limitation 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 (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

The permittee is not required to submit a quarterly report which states that no deviations occurred during that quarter for the following situations:

- a. where an emissions unit has deviation reporting requirements for a specific emission limitation, operational restriction, or control device parameter limitation that override the deviation reporting requirements specified in General Term and Condition A.1.c.ii; or
- b. where an uncontrolled emissions unit has no monitoring, record keeping, or reporting requirements and the emissions unit's applicable emission limitations are established at the potentials to emit; or
- c. where the company's responsible official has certified that an emissions unit has been permanently shut down.

Part II - Specific Facility Terms and Conditions

A. State and Federally Enforceable Section

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

F001 plant roadways and parking areas;
B008 infrared dryers;
P003 material makedown 1;
P004 material makedown 2;
P005 maintenance welding;
B009 emergency diesel fired sump pump;
P006 core cutters;
P007 sheeter/slitters; and
T001 process storage tanks

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. Insignificant emissions units listed above that are not subject to specific permit to install requirements are subject to one or more applicable requirements contained in the SIP-approved versions of OAC Chapters 3745-17, 3745-18, and 3745-21.

2. Air permit to install (PTI) 14-04175 as modified October 24, 2006 covers the Boiler Replacement Project at the Bluegrass Mills Holding Company facility which involves the replacement of coal fired boiler (Ohio EPA emissions units 1409010021 B003) with two new gas/Number 2 oil fired boilers (B005 and B006.)

The federally enforceable terms and conditions of this PTI have been included for the purpose of netting out of Non-Attainment New Source Review (NNSR) and corresponding Ohio Administrative Code (OAC) regulations for nitrogen oxides (NOx), and netting out of Prevention of Significant Deterioration (PSD) for nitrogen oxides (NOx), sulfur dioxide (SO₂), and carbon monoxide (CO) emissions. In order to verify that the emissions of these pollutants do not exceed the allowable emission rates described in the netting table below, the permittee must comply with the limitations specified in each emission unit's respective terms and conditions. The other pollutants were considered in the context of the project's analysis, however they were not major for this project.

Following the NSR definitions in OAC rule 3745-31-01(III) and OAC rule 3745-31-01(O), the actual baseline emissions were based on the two years prior to the date of the original permit application for the Boiler Replacement Project, submitted May 29, 1996. The facility used the period of 1994 - 1995 as the baseline for emission calculations of the following pollutants: nitrogen oxides (NOx), sulfur dioxide (SO₂), and carbon monoxide (CO) emissions.

The details of the netting calculations are specified in PTI 14-04175, Part II - FACILITY SPECIFIC TERMS AND CONDITIONS, Section A. State and Federally Enforceable Permit To Install Facility Specific Terms and Conditions, Paragraph II Netting Demonstration.

The above reference table includes all actual emissions from the coal boiler (B003) at the facility that are being used in the baseline emission calculation and the two new gas/oil boilers in the potential emissions that demonstrates a significant emission increase and a significant net emission increase of PE, PM₁₀, SO₂, NOx, VOC, and CO does not occur as a result of the Boiler Replacement Project. Note that the net SO₂ and NOx emissions are actually an emission decrease.

B. State Only Enforceable Section

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Boiler 315 (B004)

Activity Description: Boiler #315, Rated heat input capacity 28 MMBtu/hr, capable of firing either No. 2 fuel oil or natural gas

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>
B004 - 28 MMBtu/hr natural gas and No.2 oil-fired boiler	OAC rule 3745-31-05(A)(3) (PTI14-1440)	See sections A.I.2.a, A.I.2.b, A.I.2.c, A.II.1 and A.II.2. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A), OAC rule 3745-17-10(B)(1), OAC rule 3745-18-15(E)(2), and OAC rule 3745-21-08(B).
	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) from any stack shall not exceed 20% opacity, as a 6-minute average, except as specified by rule.
	OAC rule 3745-17-10(B)	0.020 lb of PE/MMBtu of actual heat input.
	OAC rule 3745-18-15(E)(2)	Sulfur Dioxide (SO ₂) emissions shall not exceed 0.31 lb/MMBtu of actual heat input when burning No. 2 fuel oil.
	OAC 3745-21-08(B)	See section A.I.2.d.

2. Additional Terms and Conditions

- When burning No.2 fuel oil, the following emission limitations shall not be exceeded:

1.0 lbs of Carbon Monoxide (CO)/hour;
 0.14 lb of Nitrogen Oxides (NO_x)/MMBtu of actual heat input;
 0.020 lb of PE and Particulate Matter 10 microns and less in diameter (PM₁₀)/MMBtu of actual heat input;
 0.31 lb of Sulfur Dioxide (SO₂)/MMBtu of actual heat input; and
 0.04 lb of Volatile Organic Compound (VOC)/hour.

The lb/MMBtu and pound(s) per hour emission limitations for CO, VOC, PE/PM₁₀, and NO_x, respectively, are based on the emissions unit's potential to emit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limitations.

2. Additional Terms and Conditions (continued)

2.b When burning only natural gas, the following emission limitations shall not be exceeded:

2.4 lbs of Carbon Monoxide (CO)/hour;
0.1 lb of Nitrogen Oxides (NO_x)/MMBtu of actual heat input;
0.020 lb of PE and Particulate Matter 10 microns and less in diameter (PM₁₀)/MMBtu of actual heat input;
0.0006 lb of Sulfur Dioxide (SO₂)/MMBtu of actual heat input; and
0.16 lb of Volatile Organic Compound (VOC)/hour.

The lb/MMBtu and pound(s) per hour emission limitations for CO, VOC, PE/PM₁₀, and NO_x, respectively, are based on the emissions unit's potential to emit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limitations.

2.c The following emission limitations shall not be exceeded:

10.51 of Tons per year (TPY) CO;
17.8 TPY of NO_x;
38.0 TPY of SO₂;
2.5 TPY of PE/PM₁₀; and
0.70 TPY of VOC.

The TPY emission limitations are based on the emissions unit's potential to emit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limitations.

2.d The permittee shall satisfy the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology (BAT) requirements established pursuant to OAC rule 3745-31-05(A)(3) in this permit to install. The design of the emissions unit and the technology associated with the current operating practices satisfy the BAT requirements.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. On June 24, 2003, the rule revision was submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP); however, until the U.S. EPA approves the revision to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

II. Operational Restrictions

1. The quality of the No.2 fuel oil burned in this emissions unit shall have a combination of sulfur content and heat content sufficient to comply with the allowable SO₂ emission limitation of 0.31 pound SO₂/MMBtu actual heat input.

(Authority for term: OAC rule 3745-77-07(A)(1) and OAC rule 3745-31-05(A)(3))

2. The permittee shall burn only natural gas and and No.2 fuel oil in this emissions unit.

(Authority for term: OAC rule 3745-77-07(A)(1) and OAC rule 3745-31-05(A)(3))

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records of the oil burned in this emissions unit in accordance with either Alternative 1 or Alternative 2 described below.

Alternative 1:

For each shipment of oil received for burning in this emissions unit, the permittee shall collect or require the oil supplier to collect a representative grab sample of oil and maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/mmBtu). The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F). A shipment may be comprised of multiple tank truck loads from the same supplier's batch, or may be represented by single or multiple pipeline deliveries from the same supplier's batch, and the quality of the oil for those loads or pipeline deliveries may be represented by a single batch analysis from the supplier.

Alternative 2:

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

The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods, such as ASTM methods D240 Standard Test Method for Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter and D4294, Standard Test Method for Sulfur in Petroleum and Petroleum Products by Energy-Dispersive X-Ray Fluorescence Spectrometry, or equivalent methods as approved by the director.

(Authority for term: OAC rule 3745-77-07(C)(1) OAC rule 3745-31-05(A)(3), and OAC rule 3745-18-04(E))

2. For each day during which the permittee burns a fuel other than natural gas and/or No.2 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

3. Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following monitoring and record keeping requirements are as stringent as or more stringent than the monitoring and record keeping requirements contained in Permit to Install 14-1440, issued on August 27, 2004: A.III.1 - A.II.2. The monitoring and record keeping requirements contained in the above-referenced Permit to Install are subsumed into the monitoring and record keeping requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying monitoring and record keeping requirements in the Permit to Install.

(Authority for term: OAC rule 3745-77-07(A)(3)(a)(ii))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any record which shows a deviation from the allowable sulfur dioxide emission limitation contained in this permit, based upon the sulfur dioxide emission rates calculated in accordance with the formula specified in OAC rule 3745-18-04(F). The notification shall include a copy of such record and shall be sent to the director (the appropriate District Office or local air agency) within 45 days after the deviation occurs.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

IV. Reporting Requirements (continued)

2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any fuel burned in this emissions unit other than natural gas or Number 2 fuel oil. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 45 days after the deviation occurs.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

3. Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following reporting requirements are as stringent as or more stringent than the reporting requirements contained in Permit to Install 14-1440, issued on August 27, 2004 : A.IV.1-A.IV.2. The reporting requirements contained in the above-referenced Permit to Install are subsumed into the reporting requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying reporting requirements in the Permit to Install.

(Authority for term: OAC rule 3745-77-07(A)(3)(a)(ii))

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 Limitations:

0.020 lb of PE/PM10/MMBtu of actual heat input when burning No. 2 fuel oil or natural gas; and
2.5 TPY of PM/PM10.

Applicable compliance method when burning only natural gas:

For the use of natural gas, compliance may be determined by multiplying the hourly gas burning capacity of the emissions unit (MM cu. ft/hr) by the AP-42, Fifth Edition, Section 1.4, Table 1.4-2 (revised 7/98) emission factor of 1.9 lbs of filterable PE/MM cu. ft, and then dividing by the maximum hourly heat input capacity of the emissions unit (MMBtu/hr).

Applicable compliance method when burning No.2 fuel oil:

For the use of no. 2 fuel oil, compliance may be determined by multiplying the maximum fuel oil capacity of the emissions unit (gallons/hr) by the AP-42, Fifth Edition, Section 1.3, Table 1.3-1 (revised 9/98) emission factor of 2.0 lbs of filterable PE/1000 gallons, and then dividing by the maximum hourly heat input capacity of the emissions unit (MMBtu/hr).

Compliance with the TPY annual emission limitation shall be assumed as long as compliance with the lb/MMBtu limitation is maintained.

If required, the permittee shall demonstrate compliance with the lb/MMBtu emission limitation above pursuant to OAC rule 3745-17-03(B)(9).

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-10(B))

V. Testing Requirements (continued)

1.b Emission Limitations:

SO₂ emissions shall not exceed 0.31 lb/MMBtu of actual heat input when burning No.2 fuel oil.

SO₂ emissions shall not exceed 0.0006 lb/MMBtu of actual heat input when burning natural gas.

38 TPY of SO₂.

Applicable compliance method when burning No.2 fuel oil:

Compliance with the allowable sulfur dioxide emission limitation shall be based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all of the shipments of oil received during the calendar month.

Applicable compliance method when burning natural gas:

For the use of natural gas, compliance may be determined by multiplying the hourly gas burning capacity of the emissions unit (MM cu. ft/hr) by the AP-42, Fifth Edition, Section 1.4, Table 1.4-2 (revised 7/98) emission factor of 0.6 lb of SO₂/MM cu. ft, and then dividing by the maximum hourly heat input capacity of the emissions unit (MMBtu/hr).

Compliance with the TPY annual emission limitation shall be assumed as long as compliance with the lb/MMBtu limitation is maintained.

If required, the permittee shall demonstrate compliance with the lb/MMBtu emission limitations in accordance with USEPA reference Method 6, Method 6A, Method 6B, or Method 6c, whichever is appropriate, of 40 CFR, Part 60, Appendix A.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-18-04(F), and OAC 3745-31-05(C))

1.c Emission Limitations:

NO_x emissions shall not exceed 0.14 lb/MMBtu of actual heat input when burning only No.2 fuel oil.

NO_x emissions shall not exceed 0.1 lb/MMBtu of actual heat input when burning only natural gas.

17.8 TPY of NO_x.

Applicable compliance method when burning only natural gas:

For the use of natural gas, compliance may be determined by multiplying the maximum hourly gas burning capacity of the emissions unit (MM cu.ft/hr) by the AP-42, Fifth Edition, Section 1.4, Table 1.4-1 (revised 7/98) emission factor of 100 lbs of NO_x/MM cu. ft of natural gas, and then dividing by the maximum hourly heat input capacity of the emissions unit (MMBtu/hr).

Applicable compliance method when No.2 fuel oil:

For the use of No.2 fuel oil, compliance may be determined by multiplying the maximum fuel oil capacity of the emissions unit (gallons/hr) by the AP-42, Fifth Edition, Section 1.3, Table 1.3-1 (revised 9/98) emission factor of 20 lbs of NO_x/1000 gallons of fuel oil, and then dividing by the maximum hourly heat input capacity of the emissions unit (MMBtu/hr).

Compliance with the annual emission limitation shall be assumed as long as compliance with the lb/MMBtu limitation is maintained.

If required, the permittee shall demonstrate compliance with the lb/MMBtu limitations in accordance with Method 7, 40 CFR, Part 60, Appendix A.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

V. Testing Requirements (continued)

1.d Emission Limitations:

CO emissions shall not exceed 2.4 lbs/hour when burning only natural gas.

CO emissions shall not exceed 1.0 lbs/hour when burning No.2 fuel oil.

10.51 TPY of CO.

Applicable compliance method when burning only natural gas:

For the use of natural gas, compliance may be determined by multiplying the maximum hourly gas burning capacity of the emissions unit (MM cu.ft/hr) by the AP-42, Fifth Edition, Section 1.4, Table 1.4-1 (revised 7/98) emission factor of 84 lbs of CO/MM cu. ft of natural gas.

Applicable compliance method when burning No.2 fuel oil:

For the use of No.2 fuel oil, compliance may be determined by multiplying the maximum fuel oil capacity of the emissions unit (gallons/hr) by the AP-42, Fifth Edition, Section 1.3, Table 1.3-1 (revised 9/98) emission factor of 5 lbs of CO/1000 gallons of fuel oil.

Compliance with the annual emission limitation shall be assumed as long as compliance with the lb/MMBtu and pounds per hour limitations are maintained.

If required, the permittee shall demonstrate compliance with the lb/MMBtu and pounds per hour emission limitations in accordance with Method 10, 40 CFR, Part 60, Appendix A.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

1.e Emission Limitations:

VOC emissions shall not exceed 0.16 lb/hour when burning only natural gas.

VOC emissions shall not exceed 0.04 lb/hour when burning No.2 fuel oil.

0.7 TPY of VOC.

Applicable compliance method when burning natural gas:

For the use of natural gas, compliance may be determined by multiplying the maximum hourly gas burning capacity of the emissions unit (MM cu.ft/hr) by the AP-42, Fifth Edition, Section 1.4, Table 1.4-1 (revised 7/98) emission factor of 5.5 lbs of VOC/MM cu. ft of natural gas.

Applicable compliance method when burning No.2 fuel oil:

For the use of No.2 fuel oil, compliance may be determined by multiplying the maximum fuel oil capacity of the emissions unit (gallons/hr) by the AP-42, Fifth Edition, Section 1.3, Table 1.3-1 (revised 9/98) emission factor of 0.2 lb of VOC/1000 gallons of fuel oil.

Compliance with the annual emission limitation shall be assumed as long as compliance with the lb/MMBtu and pound per hour limitations are maintained.

If required, the permittee shall demonstrate compliance with the pound per hour limitations in accordance with Method 25, 40 CFR, Part 60, Appendix A.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

1.f Emission Limitation:

Visible particulate emissions (PE) from any stack shall not exceed 20% opacity, as a 6-minute average, except as specified by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

V. Testing Requirements (continued)

2. Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following testing requirements are as stringent as or more stringent than the testing requirements contained in Permit to Install 14-1440, issued on August 27, 2004: A.V.1.a. - A.V.1.f. The testing requirements contained in the above-referenced Permit to Install are subsumed into the testing requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying testing requirements in the Permit to Install.

(Authority for term: OAC rule 3745-77-07(A)(3)(a)(ii))

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>
B004 - 28 MMBtu/hr natural gas and No.2 oil-fired boiler		

2. Additional Terms and Conditions

1. **None**

II. Operational Restrictions

1. **None**

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

1. **None**

V. Testing Requirements

1. **None**

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Boiler - B005 (B005)

Activity Description: Boiler B005, Rated heat input capacity 72 MMBtu/hr, capable of firing either natural gas or No. 2 fuel oil

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>
B005 - 72 MMBtu/hr natural gas and No.2 oil-fired boiler	OAC rule 3745-31-05(A)(3) (PTI14-04175)	See sections A.I.2.a, A.I.2.b, A.I.2.c, A.II.1 and A.II.2. The requirements of this rule also include compliance with the requirements of 40 CFR Part 60, Subpart Dc and OAC rule 3745-21-08(B).
	OAC rule 3745-17-07(A)	The emission limitation specified by this rule is the same as or less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-10(B)	The emission limitation specified by this rule is the same as or less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-18-06	The emission limitation specified by this rule is the same as or less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC 3745-21-08(B)	See section A.I.2.d.
	40 CFR Part 60, Subpart Dc	Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except for one 6-minute period per hour of not more than 27% opacity.

2. Additional Terms and Conditions

2.a When burning No.2 fuel oil, the following emission limitations shall not be exceeded:

0.16 lb of Carbon Monoxide (CO)/MMBtu of actual heat input;
0.18 lb of Nitrogen Oxides (NOx)/MMBtu of actual heat input;
0.02 lb of PE and Particulate Matter 10 microns and less in diameter (PM10)/MMBtu of actual heat input;
0.31 lb of Sulfur Dioxide (SO₂)/MMBtu of actual heat input; and
0.025 lb of Volatile Organic Compound (VOC) /MMBtu of actual heat input.

The lb/MMBtu emission limitations for CO, VOC, PE/PM10, and NOx are based on the emissions unit's potential to emit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limitations.

2.b When burning only natural gas, the following emission limitations shall not be exceeded:

0.16 lb of Carbon Monoxide (CO)/MMBtu of actual heat input;
0.10 lb of Nitrogen Oxides (NOx)/MMBtu of actual heat input;
0.01 lb of PE and Particulate Matter 10 microns and less in diameter (PM10)/MMBtu of actual heat input;
0.001 lb of Sulfur Dioxide (SO₂)/MMBtu of actual heat input; and
0.016 lb of Volatile Organic Compound (VOC) /MMBtu of actual heat input.

The lb/MMBtu emission limitations for CO, VOC, PE/PM10, SO₂, and NOx are based on the emissions unit's potential to emit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limitations.

2.c The following emission limitations shall not be exceeded:

50.5 TPY of CO;
56.8 TPY of NOx;
97.8 TPY of SO₂;
6.3 TPY of PE/PM10; and
7.9 TPY of VOC.

The TPY emission limitations are based on the emissions unit's potential to emit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limitations.

2.d The permittee shall satisfy the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology (BAT) requirements established pursuant to OAC rule 3745-31-05(A)(3) in this permit to install. The design of the emissions unit and the technology associated with the current operating practices satisfy the BAT requirements.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. On June 24, 2003, the rule revision was submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP); however, until the U.S. EPA approves the revision to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

II. Operational Restrictions

1. The quality of number 2 fuel oil received for burning in this emissions unit shall have a combination of sulfur content and heat content sufficient to comply with the allowable sulfur dioxide emission limitation of 0.31 lb/mmBtu of actual heat input and a sulfur content limit of less than or equal to 0.3 percent sulfur by weight.

(Authority for term: OAC rule 3745-77-07(A)(1) and OAC rule 3745-31-05(A)(3))

2. The permittee shall burn only natural gas and and No.2 fuel oil in this emissions unit.

(Authority for term: OAC rule 3745-77-07(A)(1) and OAC rule 3745-31-05(A)(3))

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records of the oil burned in this emissions unit in accordance with either Alternative 1 or Alternative 2 described below.

Alternative 1:

For each shipment of oil received for burning in this emissions unit, the permittee shall collect or require the oil supplier to collect a representative grab sample of oil and maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/mmBtu). The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F). A shipment may be comprised of multiple tank truck loads from the same supplier's batch, or may be represented by single or multiple pipeline deliveries from the same supplier's batch, and the quality of the oil for those loads or pipeline deliveries may be represented by a single batch analysis from the supplier.

Alternative 2:

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

The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods, such as ASTM methods D240 Standard Test Method for Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter and D4294, Standard Test Method for Sulfur in Petroleum and Petroleum Products by Energy-Dispersive X-Ray Fluorescence Spectrometry, or equivalent methods as approved by the director.

(Authority for term: OAC rule 3745-77-07(C)(1) OAC rule 3745-31-05(A)(3), and OAC rule 3745-18-04(E))

2. For each day during which the permittee burns a fuel other than natural gas and/or No.2 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

3. Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following monitoring and record keeping requirements are as stringent as or more stringent than the monitoring and record keeping requirements contained in Permit to Install 14-04175, issued on October 24, 2006: A.III.1 - A.II.2. The monitoring and record keeping requirements contained in the above-referenced Permit to Install are subsumed into the monitoring and record keeping requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying monitoring and record keeping requirements in the Permit to Install.

(Authority for term: OAC rule 3745-77-07(A)(3)(a)(ii))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any record which shows a deviation from the allowable sulfur dioxide emission limitation contained in this permit, based upon the sulfur dioxide emission rates calculated in accordance with the formula specified in OAC rule 3745-18-04(F). The notification shall include a copy of such record and shall be sent to the director (the appropriate District Office or local air agency) within 45 days after the deviation occurs.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

IV. Reporting Requirements (continued)

2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any fuel burned in this emissions unit other than natural gas or Number 2 fuel oil. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 45 days after the deviation occurs.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

3. Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following reporting requirements are as stringent as or more stringent than the reporting requirements contained in Permit to Install 14-04175, issued on October 24, 2006: A.IV.1-A.IV.2. The reporting requirements contained in the above-referenced Permit to Install are subsumed into the reporting requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying reporting requirements in the Permit to Install.

(Authority for term: OAC rule 3745-77-07(A)(3)(a)(ii))

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 Limitations:

0.02 lb of PE/PM10/MMBtu of actual heat input when burning No. 2 fuel oil;
0.01 lb of PE/PM10/MMBtu of actual heat input when burning natural gas; and
6.3 TPY of PM/PM10.

For the use of natural gas, the short term emission limitation is based upon the emissions unit's potential to emit and the manufacturer's guaranteed emission data as provided in PTI application 14-04175 submitted on May 29, 1996.

For the use of number 2 fuel oil, the short term emission limitation is based upon the emissions unit's potential to emit and the manufacturer's guaranteed emissions data as provided in PTI application 14-04175 submitted on May 29, 1996.

Compliance with the 6.3 TPY annual emission limitation is demonstrated by multiplying the maximum short term emission limitation of 0.02 lb of PE/PM10 per MMBtu by the maximum design capacity of the emissions unit (72 MMBtu/hr) multiplied by 8760 hours per year and divided by 2000 lbs per ton.

If required, the permittee shall demonstrate compliance with the lb/MMBtu emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1- 4, and 5.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-10(B))

V. Testing Requirements (continued)

1.b Emission Limitations:

SO₂ emissions shall not exceed 0.31 lb/MMBtu of actual heat input when burning No.2 fuel oil.

SO₂ emissions shall not exceed 0.001 lb/MMBtu of actual heat input when burning natural gas.

97.8 TPY of SO₂.

Applicable compliance method:

For the use of natural gas, the short term emission limitation is based upon the emissions unit's potential to emit and the manufacturer's guaranteed emission data as provided in PTI application 14-04175 submitted on May 29, 1996.

For the use of number 2 fuel oil, the short term emission limitation is based upon the emissions unit's potential to emit and the manufacturer's guaranteed emission data as provided in PTI application 14-04175 submitted on May 29, 1996.

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

Compliance with the 97.8 TPY annual emission limitation is demonstrated by multiplying the maximum short term emission limitation of 0.31 lb of SO₂ per MMBtu by the maximum design capacity of the emissions unit (72 MMBtu/hr) multiplied by 8760 hours per year and divided by 2000 lbs per ton.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-18-04(F), and OAC 3745-31-05(C))

1.c Emission Limitations:

NO_x emissions shall not exceed 0.18 lb/MMBtu of actual heat input when burning only No.2 fuel oil.

NO_x emissions shall not exceed 0.1 lb/MMBtu of actual heat input when burning only natural gas.

56.8 TPY of NO_x.

Applicable compliance method:

For the use of natural gas, the short term emission limitation is based upon the emissions unit's potential to emit and the manufacturer's guaranteed emission data as provided in PTI application 14-04175 submitted on May 29, 1996.

For the use of number 2 fuel oil, the short term emission limitation is based upon the emissions unit's potential to emit and the manufacturer's guaranteed emission data as provided in PTI application 14-04175 submitted on May 29, 1996.

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

Compliance with the 56.8 TPY annual emission limitation is demonstrated by multiplying the maximum short term emission limitation of 0.18 lb of NO_x per MMBtu by the maximum design capacity of the emissions unit (72 MMBtu/hr) multiplied by 8760 hours per year and divided by 2000 lbs per ton.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

V. Testing Requirements (continued)

1.d Emission Limitations:

CO emissions shall not exceed 0.16 lb/MMBtu of actual heat input when burning only natural gas.

CO emissions shall not exceed 0.16 lb/MMBtu of actual heat input when burning NO.2 fuel oil.

50.5 TPY of CO.

Applicable compliance methods:

For the use of natural gas, the short term emission limitation is based upon the emissions unit's potential to emit and the manufacturer's guaranteed emission data as provided in PTI application 14-04175 submitted on May 29, 1996.

For the use of number 2 fuel oil, the short term emission limitation is based upon the emissions unit's potential to emit and the manufacturer's guaranteed emission data as provided in PTI application 14-04175 submitted on May 29, 1996.

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

Compliance with the 50.5 TPY annual emission limitation is demonstrated by multiplying the maximum short term emission limitation of 0.16 lb of CO per MMBtu by the maximum design capacity of the emissions unit (72 MMBtu/hr) multiplied by 8760 hours per year and divided by 2000 lbs per ton.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

1.e Emission Limitations:

VOC emissions shall not exceed 0.016 lb/MMBtu of actual heat input when burning only natural gas.

VOC emissions shall not exceed 0.025 lb/MMBtu of actual heat input when burning NO.2 fuel oil.

7.9 TPY of VOC.

Applicable compliance method:

For the use of natural gas, the short term emission limitation is based upon the emissions unit's potential to emit and the manufacturer's guaranteed emission data as provided in PTI application 14-04175 submitted on May 29, 1996.

For the use of number 2 fuel oil, the short term emission limitation is based upon the emissions unit's potential to emit and the manufacturer's guaranteed emission data as provided in PTI application 14-04175 submitted on May 29, 1996.

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

Compliance with the 7.9 TPY annual emission limitation is demonstrated by multiplying the maximum short term emission limitation of 0.025 lb of VOC per MMBtu by the maximum design capacity of the emissions unit (72 MMBtu/hr) multiplied by 8760 hours per year and divided by 2000 lbs per ton.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

V. Testing Requirements (continued)

- 1.f** Emission Limitation:
Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except for one 6-minute period per hour of not more than 27% opacity.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

- 2.** Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following testing requirements are as stringent as or more stringent than the testing requirements contained in Permit to Install 14-04175, issued on October 24, 2006: A.V.1.a. - A.V.1.f. The testing requirements contained in the above-referenced Permit to Install are subsumed into the testing requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying testing requirements in the Permit to Install.

(Authority for term: OAC rule 3745-77-07(A)(3)(a)(ii))

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>
B005 - 72 MMBtu/hr natural gas and No.2 oil-fired boiler		

2. Additional Terms and Conditions

1. **None**

II. Operational Restrictions

1. **None**

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

1. **None**

V. Testing Requirements

1. **None**

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Boiler B006 (B006)

Activity Description: Boiler B006, Rated heat input capacity 72 MMBtu/hr, capable of firing either natural gas or No. 2 fuel oil

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>
B006 - 72 MMBtu/hr natural gas and No.2 oil-fired boiler	OAC rule 3745-31-05(A)(3) (PTI14-04175)	See sections A.I.2.a, A.I.2.b, A.I.2.c, A.II.1 and A.II.2. The requirements of this rule also include compliance with the requirements of 40 CFR Part 60, Subpart Dc and OAC rule 3745-21-08(B).
	OAC rule 3745-17-07(A)	The emission limitation specified by this rule is the same as or less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-10(B)	The emission limitation specified by this rule is the same as or less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-18-06	The emission limitation specified by this rule is the same as or less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC 3745-21-08(B)	See section A.I.2.d.
	40 CFR Part 60, Subpart Dc	Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except for one 6-minute period per hour of not more than 27% opacity.

2. Additional Terms and Conditions

2.a When burning No.2 fuel oil, the following emission limitations shall not be exceeded:

0.16 lb of Carbon Monoxide (CO)/MMBtu of actual heat input;
0.18 lb of Nitrogen Oxides (NOx)/MMBtu of actual heat input;
0.02 lb of PE and Particulate Matter 10 microns and less in diameter (PM10)/MMBtu of actual heat input;
0.31 lb of Sulfur Dioxide (SO2)/MMBtu of actual heat input; and
0.025 lb of Volatile Organic Compound (VOC) /MMBtu of actual heat input.

The lb/MMBtu emission limitations for CO, VOC, PE/PM10, and NOx are based on the emissions unit's potential to emit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limitations.

2.b When burning only natural gas, the following emission limitations shall not be exceeded:

0.16 lb of Carbon Monoxide (CO)/MMBtu of actual heat input;
0.10 lb of Nitrogen Oxides (NOx)/MMBtu of actual heat input;
0.01 lb of PE and Particulate Matter 10 microns and less in diameter (PM10)/MMBtu of actual heat input;
0.001 lb of Sulfur Dioxide (SO2)/MMBtu of actual heat input; and
0.016 lb of Volatile Organic Compound (VOC) /MMBtu of actual heat input.

The lb/MMBtu emission limitations for CO, VOC, PE/PM10, SO2, and NOx are based on the emissions unit's potential to emit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limitations.

2.c The following emission limitations shall not be exceeded:

50.5 TPY of CO;
56.8 TPY of NOx;
97.8 TPY of SO2;
6.3 TPY of PE/PM10; and
7.9 TPY of VOC.

The TPY emission limitations are based on the emissions unit's potential to emit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limitations.

2.d The permittee shall satisfy the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology (BAT) requirements established pursuant to OAC rule 3745-31-05(A)(3) in this permit to install. The design of the emissions unit and the technology associated with the current operating practices satisfy the BAT requirements.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. On June 24, 2003, the rule revision was submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP); however, until the U.S. EPA approves the revision to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

II. Operational Restrictions

1. The quality of number 2 fuel oil received for burning in this emissions unit shall have a combination of sulfur content and heat content sufficient to comply with the allowable sulfur dioxide emission limitation of 0.31 lb/mmBtu of actual heat input and a sulfur content limit of less than or equal to 0.3 percent sulfur by weight.

(Authority for term: OAC rule 3745-77-07(A)(1) and OAC rule 3745-31-05(A)(3))

2. The permittee shall burn only natural gas and and No.2 fuel oil in this emissions unit.

(Authority for term: OAC rule 3745-77-07(A)(1) and OAC rule 3745-31-05(A)(3))

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records of the oil burned in this emissions unit in accordance with either Alternative 1 or Alternative 2 described below.

Alternative 1:

For each shipment of oil received for burning in this emissions unit, the permittee shall collect or require the oil supplier to collect a representative grab sample of oil and maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/mmBtu). The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F). A shipment may be comprised of multiple tank truck loads from the same supplier's batch, or may be represented by single or multiple pipeline deliveries from the same supplier's batch, and the quality of the oil for those loads or pipeline deliveries may be represented by a single batch analysis from the supplier.

Alternative 2:

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

The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods, such as ASTM methods D240 Standard Test Method for Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter and D4294, Standard Test Method for Sulfur in Petroleum and Petroleum Products by Energy-Dispersive X-Ray Fluorescence Spectrometry, or equivalent methods as approved by the director.

(Authority for term: OAC rule 3745-77-07(C)(1) OAC rule 3745-31-05(A)(3), and OAC rule 3745-18-04(E))

2. For each day during which the permittee burns a fuel other than natural gas and/or No.2 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

3. Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following monitoring and record keeping requirements are as stringent as or more stringent than the monitoring and record keeping requirements contained in Permit to Install 14-04175, issued on October 24, 2006: A.III.1 - A.II.2. The monitoring and record keeping requirements contained in the above-referenced Permit to Install are subsumed into the monitoring and record keeping requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying monitoring and record keeping requirements in the Permit to Install.

(Authority for term: OAC rule 3745-77-07(A)(3)(a)(ii))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any record which shows a deviation from the allowable sulfur dioxide emission limitation contained in this permit, based upon the sulfur dioxide emission rates calculated in accordance with the formula specified in OAC rule 3745-18-04(F). The notification shall include a copy of such record and shall be sent to the director (the appropriate District Office or local air agency) within 45 days after the deviation occurs.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

IV. Reporting Requirements (continued)

2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any fuel burned in this emissions unit other than natural gas or Number 2 fuel oil. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 45 days after the deviation occurs.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

3. Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following reporting requirements are as stringent as or more stringent than the reporting requirements contained in Permit to Install 14-04175, issued on October 24, 2006: A.IV.1-A.IV.2. The reporting requirements contained in the above-referenced Permit to Install are subsumed into the reporting requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying reporting requirements in the Permit to Install.

(Authority for term: OAC rule 3745-77-07(A)(3)(a)(ii))

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 Limitations:

0.02 lb of PE/PM10/MMBtu of actual heat input when burning No. 2 fuel oil;
0.01 lb of PE/PM10/MMBtu of actual heat input when burning natural gas; and
6.3 TPY of PM/PM10.

For the use of natural gas, the short term emission limitation is based upon the emissions unit's potential to emit and the manufacturer's guaranteed emission data as provided in PTI application 14-04175 submitted on May 29, 1996.

For the use of number 2 fuel oil, the short term emission limitation is based upon the emissions unit's potential to emit and the manufacturer's guaranteed emission data as provided in PTI application 14-04175 submitted on May 29, 1996.

Compliance with the 6.3 TPY annual emission limitation is demonstrated by multiplying the maximum short term emission limitation of 0.02 lb of PE/PM10 per MMBtu by the maximum design capacity of the emissions unit (72 mmBtu/hr) multiplied by 8760 hours per year and divided by 2000 lbs per ton.

If required, the permittee shall demonstrate compliance with the lb/MMBtu emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1- 4, and 5.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-10(B))

V. Testing Requirements (continued)

1.b Emission Limitations:

SO₂ emissions shall not exceed 0.31 lb/MMBtu of actual heat input when burning No.2 fuel oil.

SO₂ emissions shall not exceed 0.001 lb/MMBtu of actual heat input when burning natural gas.

97.8 TPY of SO₂.

Applicable compliance method:

For the use of natural gas, the short term emission limitation is based upon the emissions unit's potential to emit and the manufacturer's guaranteed emission data as provided in PTI application 14-04175 submitted on May 29, 1996.

For the use of number 2 fuel oil, the short term emission limitation is based upon the emissions unit's potential to emit and the manufacturer's guaranteed emission data as provided in PTI application 14-04175 submitted on May 29, 1996.

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

Compliance with the 97.8 TPY annual emission limitation is demonstrated by multiplying the maximum short term emission limitation of 0.31 lb of SO₂ per MMBtu by the maximum design capacity of the emissions unit (72 MMBtu/hr) multiplied by 8760 hours per year and divided by 2000 lbs per ton.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-18-04(F), and OAC 3745-31-05(C))

1.c Emission Limitations:

NO_x emissions shall not exceed 0.18 lb/MMBtu of actual heat input when burning only No.2 fuel oil.

NO_x emissions shall not exceed 0.1 lb/MMBtu of actual heat input when burning only natural gas.

56.8 TPY of NO_x.

Applicable compliance method:

For the use of natural gas, the short term emission limitation is based upon the emissions unit's potential to emit and the manufacturer's guaranteed emission data as provided in PTI application 14-04175 submitted on May 29, 1996.

For the use of number 2 fuel oil, the short term emission limitation is based upon the emissions unit's potential to emit and the manufacturer's guaranteed emission data as provided in PTI application 14-04175 submitted on May 29, 1996.

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

Compliance with the 56.8 TPY annual emission limitation is demonstrated by multiplying the maximum short term emissions limitation of 0.18 lb of NO_x per MMBtu by the maximum design capacity of the emissions unit (72 MMBtu/hr) multiplied by 8760 hours per year and divided by 2000 lbs per ton.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

V. Testing Requirements (continued)

1.d Emission Limitations:

CO emissions shall not exceed 0.16 lb/MMBtu of actual heat input when burning only natural gas.

CO emissions shall not exceed 0.16 lb/MMBtu of actual heat input when burning NO.2 fuel oil.

50.5 TPY of CO.

Applicable compliance methods:

For the use of natural gas, the short term emission limitation is based upon the emissions unit's potential to emit and the manufacturer's guaranteed emission data as provided in PTI application 14-04175 submitted on May 29, 1996.

For the use of number 2 fuel oil, the short term emission limitation is based upon the emissions unit's potential to emit and the manufacturer's guaranteed emission data as provided in PTI application 14-04175 submitted on May 29, 1996.

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

Compliance with the 50.5 TPY annual emission limitation is demonstrated by multiplying the maximum short term emission limitation of 0.16 lb of CO per MMBtu by the maximum design capacity of the emissions unit (72 MMBtu/hr) multiplied by 8760 hours per year and divided by 2000 lbs per ton.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

1.e Emission Limitations:

VOC emissions shall not exceed 0.016 lb/MMBtu of actual heat input when burning only natural gas.

VOC emissions shall not exceed 0.025 lb/MMBtu of actual heat input when burning NO.2 fuel oil.

7.9 TPY of VOC.

Applicable compliance method:

For the use of natural gas, the short term emission limitation is based upon the emissions unit's potential to emit and the manufacturer's guaranteed emission data as provided in PTI application 14-04175 submitted on May 29, 1996.

For the use of number 2 fuel oil, the short term emission limitation is based upon the emissions unit's potential to emit and the manufacturer's guaranteed emission data as provided in PTI application 14-04175 submitted on May 29, 1996.

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

Compliance with the 7.9 TPY annual emission limitation is demonstrated by multiplying the maximum short term emissions limitation of 0.025 lb of VOC per MMBtu by the maximum design capacity of the emissions unit (72 MMBtu/hr) multiplied by 8760 hours per year and divided by 2000 lbs per ton.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

V. Testing Requirements (continued)

- 1.f** Emission Limitation:
Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except for one 6-minute period per hour of not more than 27% opacity.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

- 2.** Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following testing requirements are as stringent as or more stringent than the testing requirements contained in Permit to Install 14-04175, issued on October 24, 2006: A.V.1.a. - A.V.1.f. The testing requirements contained in the above-referenced Permit to Install are subsumed into the testing requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying testing requirements in the Permit to Install.

(Authority for term: OAC rule 3745-77-07(A)(3)(a)(ii))

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>
B006 - 72 MMBtu/hr natural gas and No.2 oil-fired boiler		

2. Additional Terms and Conditions

1. **None**

II. Operational Restrictions

1. **None**

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

1. **None**

V. Testing Requirements

1. **None**

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paper Machine (P002)

Activity Description: Paper machine for the production of paperboard

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>
P002 - No. 6 paper machine with paper coater	OAC rule 3745-31-05(C) (PTI 14-03951)	See terms A.I.2.a and A.II.1 and A.II.2 below. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G).
	OAC rule 3745-21-09(F)	The surface coatings employed at the paper-coating section shall not exceed 2.9 pounds of volatile organic compounds (VOC) per gallon of coating, excluding water and exempt solvents.
	OAC rule 3745-21-07(G)(2)	8 lbs of organic compounds (OC)/hour and 40 lbs of OC/day on any days where photochemically reactive materials are used.

2. Additional Terms and Conditions

- 2.a The OC emissions from this emissions unit shall not exceed the following for paper making and paper coating combined:

476.4 pounds per day*; and
38.74 tons per year (TPY), based upon a rolling, 12-month summation.

*The daily OC emission limitation is based on the emissions unit's potential to emit (PTE). Therefore, no records are required to demonstrate compliance with this limitation.

II. Operational Restrictions

1. The percent by weight of organic compounds in the total annual material usage shall not exceed the following:

Paper-making (Wet End)	2.0
Film Forming (Paper Coating)	0.054
Primer Coating (Paper Coating)	0.215
Top Coating (Paper Coating)	0.120

The percent by weight of organic compound limitations specified above may be exceeded as long as the emission limitations specified in A.I.2.a are not exceeded.

2. The total annual material usage in pounds, based on a rolling, 12-month summation, shall not exceed the following:

Paper-making (Wet End)	8,640,000
Film Forming (Paper Coating)	25,200,000
Primer Coating (Paper Coating)	11,400,000
Top Coating (Paper Coating)	16,800,000

The annual usage limitations specified above may be exceeded as long as the emission limitations specified in A.I.2.a are not exceeded.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records which list the following information for each surface coating and chemical material employed in paper-making, film forming, primer coating and top coating:

- a. the company identification, and type (Paper-making, Film Forming, Paper Coating, or Top Coating) of each surface coating and chemical material;
- b. the amount of each coating and chemical material employed, in pounds;
- c. the OC content, in pounds of OC per gallon of coating, excluding water and exempt solvents, for each surface coating used for paper coating;
- d. the percent by weight of OC for each coating and/or chemical material employed;
- e. the total monthly usage of coatings and/or chemicals employed for each of the following operations: paper-making, film forming, primer coating and top coating;
- f. the monthly OC emissions calculated by taking the summation of (b) times (d) for the Film Forming, Primer Coating, and Top Coating operations. The OC emissions from the Paper Making Operation shall be calculated at an 11.1 % evaporation rate, ie $((b) \times (d)) \times (1-.111)$.
- g. The updated rolling, 12-month usage summation of coatings and/or chemicals employed for each of the following operations: paper-making, film forming, primer coating and top coating (the summation of the usages in (e) for the current month and the preceding eleven months).
- h. The updated rolling, 12-month total OC emissions (the summation of the OC emissions in (f) for the current month and the preceding eleven months).

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(C))

III. Monitoring and/or Record Keeping Requirements (continued)

2. The permittee shall maintain daily records which list the following information for each surface coating and chemical material employed in paper-making, film formers, primer coating and top coating on any day when photochemically reactive materials are used:
 - a. the company identification for each coating and photochemically reactive cleanup material employed;
 - b. the number of gallons of each coating and photochemically reactive cleanup material employed;
 - c. the organic compound content of each coating and photochemically reactive cleanup material, in pounds per gallon;
 - d. for each day during which a photochemically reactive material is employed, the total organic compound emission rate for all coatings and photochemically reactive cleanup materials, in pounds per day;
 - e. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and
 - f. for each day during which a photochemically reactive material is employed, the average hourly organic compound emission rate for all coatings and photochemically reactive cleanup materials, i.e., (d)/(e), in pounds per hour (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit. Also, the definitions of "photochemically reactive" and "nonphotochemically reactive" are based upon OAC rule 3745-21-01(C)(5).]

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(C))

3. Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following monitoring and record keeping requirements are as stringent as or more stringent than the monitoring and record keeping requirements contained in Permit to Install 14-03961, issued on May 30, 1996: A.III.1 - A.III.2. The monitoring and record keeping requirements contained in the above-referenced Permit to Install are subsumed into the monitoring and record keeping requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying monitoring and record keeping requirements in the Permit to Install.

(Authority for term: OAC rule 3745-77-07(A)(3)(a)(ii))

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports for any exceedance of the annual OC emission limitation specified in A.I.2.a.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(C))

2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(C))

IV. Reporting Requirements (continued)

3. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. for the days during which a photochemically reactive material was employed, an identification of each hour during which the organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual organic compound emissions for each such hour; and
 - b. for the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(C))

4. The permittee shall submit annual reports that specify the total OC emissions from this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(C))

5. Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following reporting requirements are as stringent as or more stringent than the reporting requirements contained in Permit to Install 14-03951, issued on May 30, 1996: A.IV.1-A.IV.4 The reporting requirements contained in the above-referenced Permit to Install are subsumed into the reporting requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying reporting requirements in the Permit to Install.

(Authority for term: OAC rule 3745-77-07(A)(3)(a)(ii))

V. Testing Requirements

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

- 1.a Emission Limitation:
476.4 pounds OC/day*; and
38.74 TPY of OC based on a rolling 12-month summation.

Applicable Compliance Method:

The TPY of OC emission rate shall be determined by the information collected and recorded in A.III.1.h. The lbs of OC/day emission limitation is based on the emissions unit's potential to emit.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(C))

- 1.b Emission Limitation:
8 lbs OC per hour, 40 lbs OC per day on any day where photochemically reactive materials are used.

Applicable Compliance Method:

The hourly and daily OC emission rate shall be demonstrated by the information collected and recorded in A.III.2.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(C))

- 1.c Compliance with the OC content limitations in Term A.II.1 shall be demonstrated by the monitoring and record keeping in Term A.III.1.d

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(C))

- 1.d Compliance with the usage limitations in Term A.II.2 shall be demonstrated by the monitoring and record keeping in Term A.III.1.g

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(C))

V. Testing Requirements (continued)

- 1.e** USEPA Methods 24 shall be used to determine the VOC content for coatings employed. If, pursuant to Method 24 as outlined in 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating or ink, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating or ink to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

(Authority for term: OAC rule 3745-77-07(C)(1), OAC rule 3745-21-10(B), and OAC rule 3745-31-05(C))

- 2.** Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following testing requirements are as stringent as or more stringent than the testing requirements contained in Permit to Install #14-03951, issued on May 30, 1996: A.V.1.a through A.V1.e. The testing requirements contained in the above-referenced Permit to Install are subsumed into the testing requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying testing requirements in the Permit to Install.

(Authority for term: OAC rule 3745-77-07(A)(3)(a)(ii))

VI. Miscellaneous Requirements

- 1.** 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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P002 - No. 6 paper machine with paper coater

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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