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

CERTIFIED MAIL

06/07/07

14-09-04-0212
Smart Papers - Hamilton Mill
Phillip B Spotts
601 North 'B' Street
Hamilton, OH 45013-2909

RE: Draft Title V Significant Permit Modification Chapter 3745-77 permit

Dear Phillip B Spotts:

You are hereby notified that the Ohio Environmental Protection Agency has prepared the enclosed draft of the Title V permit for the facility referenced above. The purpose of this draft is to solicit public comments. A public notice concerning the draft will appear in the Ohio EPA Weekly Review and the major newspaper in the county where the facility is located. Comments and/or a request for a public hearing from the public and any affected parties will be accepted by Hamilton County Dept. of Environmental Services within 30 days of the date of publication in the newspaper. You will be notified in writing if a public hearing is scheduled. **In order to facilitate our review of all the comments or concerns you may have with the enclosed draft permit, please provide a hand marked-up copy of the draft permit showing the changes you think are necessary, along with any additional summary comments, by the end of the draft public comment period. The hard marked-up copy and any additional summary comments should be submitted to the Ohio EPA District Office or local air agency identified below and to the following address:**

Andrew Hall
Permit Review/Development Section
Ohio EPA, Division of Air Pollution Control
122 South Front Street
Columbus, Ohio 43215

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

If you have any questions concerning this draft Title V permit, please contact Hamilton County Dept. of Environmental Services.

Sincerely,

Michael W. Ahern

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

cc: USEPA (electronically submitted)
File, DAPC PIER
Hamilton County Dept. of Environmental Services
Indiana
Kentucky

State of Ohio Environmental Protection Agency

DRAFT TITLE V SIGNIFICANT PERMIT MODIFICATION

Original Effective Date:	Expiration Date:	Modification Effective Date: ***To be entered upon final issuance***

This document constitutes issuance of a Title V significant permit modification for Facility ID: 14-09-04-0212 to:

Smart Papers - Hamilton Mill
601 North 'B' Street
Hamilton, OH 45013-2909

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

B010 (CH11002)
NO. 10 Boiler

B020 (CH11003)
NO. 14 Boiler

F003 (CH11001)
Coal handling and ash unloading

K001 (CH12078)
NO. 33 Cast Coater

K002 (CH12009)
NO. 44 Cast Coater

K003 (CH12010)
NO. 55 Cast Coater

K004 (CH12052)
NO. 2 Paper Machine Coater System (Previously Z041)

K005 (CH12053)
NO. 3 Paper Machine Coater System (Previously Z042)

K006 (CH12054)
NO. 9 Paper Machine Coater System (Previously Z043)

K007 (CH12055)
NO. 10 Paper Machine Coater System (Previously Z044)

K008 (CH12060)
NO.3 Cast Coater (Previously Z048)

K009 (CH12061)
NO.4 Cast Coater (Previously Z049)

K010 (CH12062)
NO.5 Cast Coater (Previously Z050)

K011 (CH12063)
NO.6 Cast Coater (Previously Z051)

K012 (CH12064)
NO.7 Cast Coater (Previously Z052)

K013 (CH12065)
NO.8 Cast Coater (Previously Z053)

K014 (CH12066)
NO.9 Cast Coater (Previously Z054)

K015 (CH12067)
NO.10 Cast Coater (Previously Z055)

K016 (CH12068)
NO.11 Cast Coater (Previously Z056)

K017 (CH12069)
NO.12 Cast Coater (Previously Z057)

K018 (CH12070)
NO.13 Cast Coater (Previously Z058)

K019 (CH12071)
NO.14 Cast Coater (Previously Z059)

K020 (CH12072)
NO.15 Cast Coater (Previously Z060)

K021 (CH12073)
NO.22 Cast Coater (Previously Z061)

K022 (CH12074)
NO.17 Cast Coater (Previously Z062)

K023 (CH12075)
NO.77 Cast Coater (Previously Z063)

K024 (CH12076)
NO.88 Cast Coater (Previously Z064)

K025 (CH12077)
NO.99 Cast Coater (Previously Z065)

K026 (CH12021)
NO.1 Cast Coater (Previously Z004)

K027 (CH19043)
Super Calender Complex Calender (Previously Z066)

P009 (CH12013)
NO. 2 Mill Tubsize Starch Mix Tank and Tubsize Starch Cookers

P010 (CH19025)
NO. 1 Mill Trim System (Previously Z017)

P012 (CH12011)
NO. 2 Paper Machine (Previously Z003)

P013 (CH12012)
NO. 3 Paper Machine (Previously Z007)

P014 (CH12018)
NO. 9 Paper Machine (Previously Z011)

P015 (CH12019)
NO. 10 Paper Machine (Previously Z012)

P016 (CH12014)
NO. 2 Mill Trim System (Previously Z008)

P017 (CH19024)
Super Calender Complex Trim Air Separator (Previously Z006)

P018 (CH12017)
Coating Preparation (Previously Z010)

P019 (CH11006)
Ash Silo (Previously Z013)

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

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

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

Ohio Environmental Protection Agency

_____

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 <u>Federally Enforceable</u> 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. Non-Applicability Determinations

Ohio EPA has determined that the requirements specified in the following list are not applicable as the facility existed on the date of issuance of this permit.

List of Negative Declarations - Ohio And Federal Nonapplicable Requirements

40 CFR Part 63, Subpart N;
40 CFR Part 63, Subpart Q;
40 CFR Part 68;
40 CFR Part 82, Subparts A through E, Subparts G and H; and
OAC rule 3745-21-11.

Emissions Unit/Requirement
F003: OAC rule 3745-17-11.

K001, K002, K003, K004, K005, K006, K007, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, K027, and P018: OAC rule 3745-21-07.

(Authority for term: OAC rule 3745-77-07(F)(2))

2. All asbestos renovation and demolition activities conducted at this facility shall be performed in accordance with the applicable requirements specified in 40 CFR Part 61, Subpart M, and OAC Chapter 3745-20.

(Authority for term: 40 CFR Part 61.145 and OAC rule 3745-20-02)

3. The permittee shall maintain, service, repair, or dispose of equipment containing any class I or class II substance used as refrigerant in such equipment pursuant to the applicable provisions of 40 CFR Part 82, Subpart F.

(Authority for term: 40 CFR Part 82.150)

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

L001 - Parts washers;
P036 - Sand blaster; and
P037 - Grinders, sanders, lathes.

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 the identified 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.

(Authority for term: OAC rule 3745-77-07(A)(13))

B. State Only Enforceable Section

1. The following insignificant emissions units located at this facility are exempt from permit requirements because they are not subject to any applicable requirements (as defined in OAC rule 3745-77-01(H)) or because they meet the "de minimus" criteria established in OAC rule 3745-15-05:

F001 - Paved Roadways and Parking Areas
F013 - Coal Storage
P021 - No. 2 & 3 Paper Machine Chemical Addition
P022 - No. 9 & 10 Paper Machine Chemical Addition
P024 - No. 2 & 3 Paper Machine Raw Materials
P025 - No. 2 & 3 Paper Machine Fillers and Additives
P027 - No. 9 & 10 Paper Machine Raw Materials
P028 - No. 9 & 10 Paper Machine Fillers and Additives
P029 - Super Calendar Complex Re-reeler and Winder
P030 - No. 1 Mill Rewinders
P031 - No. 1 Mill Balers
P039 - Core Cutters
P040 - Converting Complex (includes Embossers, Cutters, Sheeters and Broke boxes)
P901 - Kady Mill Mixers
T001 - 250,000-gallon Fuel Oil Storage Tank
T008 - 18,000-gallon Storage Tank
T012 - 1000-gallon Fuel Oil Storage Tank

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH11002 (B010)

Activity Description: NO. 10 Boiler

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Pulverized coal-fired boiler (with oil firing capability for light-off and furnace stabilization), having a rated heat input capacity of 420 mmBtu/hr and controlled with an electrostatic precipitator (ESP)	OAC Chapter 3745-14 Nitrogen Oxides (NOx) Budget Trading Program	See terms and conditions A.I.2.a through A.I.2.x.
	OAC rule 3745-17-07(A)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as specified by rule.
	OAC rule 3745-17-10(C)	Particulate emissions (PE) shall not exceed 0.11 pound per mmBtu of actual heat input. The particulate emissions limitation established pursuant to OAC rule 3745-17-10(C) is less stringent than the emission limitation established pursuant to 40 CFR Part 63, Subpart DDDDD. The permittee shall comply with the more stringent emission limitation after the compliance date in 40 CFR Part 63, Subpart DDDDD.
	OAC rule 3745-18-15(L)	Sulfur dioxide (SO2) emissions shall not exceed 1.7 pounds per mmBtu of actual heat input. See term and condition A.II.1.
	40 CFR Part 60, Subparts D and Db	The limitations specified by these rules are not applicable to B010.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
	40 CFR Part 63, Subpart DDDDD	See terms and conditions A.I.2.z, A.VI.1, and Attachment 1 of this permit.
	40 CFR Part 64 Compliance Assurance Monitoring (CAM)	See terms and conditions A.III.4, A.III.5, A.III.7, A.IV.3, and A.VI.2.

2. Additional Terms and Conditions

2.a Office of Regulatory Information System Facility Code - 50247

2.b This regulated non-electrical generating emissions unit is subject to the applicable requirements specified in OAC Chapter 3745-14 and the annual NOx allowance allocation listed below:

Annual Allowance for
Calendar Years
2004 through 2007

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Pursuant to OAC rule 3745-14-05(B)(2), the annual NOx allowance allocations for this emissions unit for calendar years 2008 through 2012 will be established in accordance with OAC rules 3745-14-05(C)(1) and 3745-14-05(C)(2).

2.c This emissions unit is identified as a NOx budget unit under OAC rule 3745-14-01(C)(1).

(Authority for term: OAC rule 3745-14-01(C)(1)(a)(i))

2.d The NOx authorized account representative shall submit a complete NOx budget permit application in accordance with the deadlines specified in paragraphs (B)(2) and (B)(3) of OAC rule 3745-14-03. The NOx authorized account representative shall also submit, in a timely manner, any supplemental information that the Director determines is necessary in order to review a NOx budget permit application and issue or deny a NOx budget permit.

(Authority for term: OAC rules 3745-14-01(E)(1)(a)(i), 3745-14-01(E)(1)(a)(ii), and 3745-14-03(B)(1))

2.e Beginning May 31, 2004, the owners and operators of each NOx budget source and each NOx budget unit at the source shall hold NOx allowances available for compliance deductions under paragraph (E) of OAC rule 3745-14-06, as of the NOx allowance transfer deadline, in the unit's compliance account and the source's overdraft account in an amount not less than the total NOx emissions for the control period from the unit, as determined in accordance with OAC rule 3745-14-08, plus any amount necessary to account for actual utilization under paragraph (C)(5) of OAC rule 3745-14-05 for the control period.

(Authority for term: OAC rules 3745-14-01(E)(3)(a) and 3745-14-01(E)(3)(c))

2.f NOx allowances shall be held in, deducted from, or transferred among NOx allowance tracking system accounts in accordance with OAC rules 3745-14-05, 3745-14-06, 3745-14-07, and 3745-14-09.

(Authority for term:OAC rule 3745-14-01(E)(3)(d))

2.g A NOx allowance shall not be deducted, in order to comply with the requirement under paragraph (E)(3)(a) of OAC rule 3745-14-01, for a control period in a year prior to the year for which the NOx allowance was allocated.

(Authority for term: OAC rule 3745-14-01(E)(3)(e))

2. Additional Terms and Conditions (continued)

2.h Each ton of NOx emitted in excess of the NOx budget emission limitation, as defined in OAC rule 3745-14-01(B)(2)(yy), shall constitute a separate violation of OAC Chapter 3745-14, the Clean Air Act, and applicable Ohio law. The owners and operators of a NOx budget unit that has excess emissions in any control period shall surrender the NOx allowances required for deduction under paragraph (E)(4)(a) of OAC rule 3745-14-06 and pay any fine, penalty, or assessment or comply with any other remedy imposed under paragraph (E)(4)(c) of OAC rule 3745-14-06.

(Authority for term: OAC rules 3745-14-01(E)(3)(b), 3745-14-01(E)(4)(a) and 3745-14-01(E)(4)(b))

2.i When recorded by the Administrator pursuant to OAC rules 3745-14-06 and 3745-14-07, every allocation, transfer, or deduction of a NOx allowance to or from a NOx budget unit's compliance account or the overdraft account of the source where the unit is located is deemed to amend automatically, and become a part of, any NOx budget permit of the NOx budget unit by operation of law without any further review.

(Authority for term: OAC rule 3745-14-01(E)(3)(h))

2.j Except as provided below, the Director shall revise the NOx budget permit, as necessary, in accordance with OAC rule 3745-77-08.

Each NOx budget permit is deemed to incorporate automatically the definitions of terms under paragraph (B) of OAC rule 3745-14-01 and, when recorded by the Administrator, in accordance with OAC rules 3745-14-06 and 3745-14-07, every allocation, transfer, or deduction of a NOx allowance to or from the compliance accounts of the NOx budget units covered by the permit or the overdraft account of the NOx budget source covered by the permit.

(Authority for term: OAC rules 3745-14-03(D)(2) and 3745-14-03(E)(1))

2.k The owner or operator of a NOx budget unit shall comply with the prohibitions under OAC rule 3745-14-08(A)(5).

(Authority for term: OAC rule 3745-14-08(A)(5))

2.l The owners and operators of the NOx budget unit shall keep on site at the source each of the following documents for a period of five years from the date the document is created (this period may be extended for cause, at any time prior to the end of five years, in writing by the Director or Administrator):

i. the account certificate of representation for the NOx authorized account representative for the NOx budget unit and all documents that demonstrate the truth of the statements in the account certificate of representation, in accordance with paragraph (D) of OAC rule 3745-14-02, provided that the certificate and documents shall be retained on site at the source beyond such five-year period until such documents are superseded because of the submission of a new account certificate or representation changing the NOx authorized account representative;

ii. all emission monitoring information, in accordance with OAC rule 3745-14-08;

iii. copies of all reports, compliance certifications, and other submissions and all records made or required under the NOx budget trading program; and

iv. copies of all documents used to complete a NOx budget permit application and any other submission under the NOx budget trading program or to demonstrate compliance with the requirements of the NOx budget trading program.

(Authority for term: OAC rule 3745-14-01(E)(5)(a)(i) through (iv))

2. Additional Terms and Conditions (continued)

2.m The permittee shall operate and maintain equipment to continuously monitor and record nitrogen oxides emissions from these emissions units in units of the applicable standard(s). Such continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 75.

Each continuous monitoring system consists of all the equipment used to acquire data and includes the sample extraction and transport hardware, sample conditioning hardware, analyzers, and data recording/processing hardware and software. This includes all systems required to monitor the NOx emission rate, NOx concentration, heat input rate, and stack flow rate, in accordance with 40 CFR Parts 75.71 and 75.72.

The permittee shall comply with the initial and re-certification procedures of 40 CFR Part 75. The permittee shall maintain on-site documentation from the USEPA or the Ohio EPA that the continuous nitrogen oxides monitoring system has been certified in accordance with 40 CFR Part 75. The letter of certification shall be made available to the Director upon request.

The permittee shall maintain records of the following data obtained by the continuous nitrogen oxides monitoring system: emissions of nitrogen oxides in lb/mmBtu actual heat input on an hourly average basis, emissions of nitrogen oxides in lbs/hr, results of daily zero/span calibration checks, and magnitude of manual calibration adjustments.

Whenever the monitoring system fails to meet the quality assurance or data validation requirements of 40 CFR Part 75, data shall be substituted using the applicable procedures in Subpart D, Appendix D, or Appendix E of 40 CFR Part 75.

(Authority for term: OAC rules 3745-14-01(E)(2)(a), 3745-14-01(E)(5)(a)(ii), 3745-14-08(A)(2)(a) through (A)(2)(d), 3745-14-08(B)(1), and 3745-14-08(C)(1))

2.n The permittee shall comply with the monitoring plan requirements of 40 CFR Part 75.62, except that the monitoring plan shall also include all of the information required by Subpart H of 40 CFR Part 75.

(Authority for term: OAC rule 3745-14-08(E)(2)(a))

2.o The NOx authorized account representative of the NOx budget unit shall submit the reports and compliance certifications required under the NOx budget trading program, including those under OAC rules 3745-14-04 and 3745-14-08, to the Director and Administrator.

(Authority for term: OAC rule 3745-14-01(E)(5)(b))

2. Additional Terms and Conditions (continued)

2.p Each submission under the NOx budget trading program shall be submitted, signed, and certified by the NOx authorized account representative for each NOx budget source on behalf of which the submission is made. Each such submission shall include the following certification statement by the NOx authorized account representative:

"I am authorized to make this submission on behalf of the owners and operators of the NOx budget sources or NOx budget units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."

If the NOx authorized account representative for a NOx budget unit subject to an acid rain emission limitation who signed and certified any submission that is made under Subpart F or G of 40 CFR Part 75 and which includes data and information required under OAC rule 3745-14-08 or Subpart H of 40 CFR Part 75 is not the same person as the designated representative or the alternate designated representative for the unit under 40 CFR Part 72, then the submission shall also be signed by the designated representative or the alternate designated representative.

(Authority for term: OAC rules 3745-14-02(A)(5) and 3745-14-08(E)(1)(b))

2.q The NOx authorized account representative shall submit quarterly reports that include all of the data and information required in Subpart H of 40 CFR Part 75 for each NOx budget unit (or group of units using a common stack) and the data and information in Subpart G of 40 CFR Part 75. These quarterly excess emission reports shall be submitted by January 30, April 30, July 30 and October 30 of each year and shall be submitted in the manner specified in Subpart H of 40 CFR Part 75 and 40 CFR Part 75.64.

(Authority for term:OAC rules 3745-14-08(E)(4)(a) and 3745-14-08(E)(4)(c)(i))

2.r The NOx authorized account representative shall submit to the Administrator a compliance certification in support of each quarterly report based on a reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The compliance certification shall state that:

i. the monitoring data submitted were recorded in accordance with the applicable requirements of OAC rule 3745-14-08 and 40 CFR Part 75, including the quality assurance procedures and specifications; and

ii. for a unit with add-on NOx emission controls and for all hours where data are substituted in accordance with 40 CFR Part 75.34(a)(1), the add-on emission control were operating within the range of parameters listed in the quality assurance program under Appendix B of 40 CFR Part 75 and the substitute values do not systematically underestimate the NOx emissions.

(Authority for term: OAC rule 3745-14-08(E)(4)(d)(i) and (ii))

2.s The NOx authorized account representative for a NOx budget unit shall submit written notice of monitoring system certification and re-certification test dates to the Director and the Administrator in accordance with 40 CFR Part 75.61. The NOx authorized account representative shall submit a certification application to the Administrator, U.S. EPA, Region V Office, and the Director within forty-five days after completing all initial or re-certification tests required under paragraph (B) of OAC rule 3745-14-08, including the information required under Subpart H of 40 CFR Part 75.

(Authority for term: OAC rules 3745-14-08(D) and 3745-14-08(E)(3))

2. Additional Terms and Conditions (continued)

2.t For each control period in which one or more NOx budget units at a source are subject to the NOx budget emission limitation, the NOx authorized account representative of the source shall submit to the Director and the Administrator, by November 30 of that year, a compliance certification report for each source covering all such units.

The NOx authorized account representative shall include the following elements in the compliance certification report, in a format prescribed by the Administrator, concerning each unit at the source and subject to the NOx budget emission limitation for the control period covered by the report:

i. identification of each NOx budget unit;

ii. at the NOx authorized account representative's option, the serial numbers of the NOx allowances that are to be deducted from each unit's compliance account under paragraph (E) of OAC rule 3745-14-06 for the control period;

iii. at the NOx authorized account representative's option, for units sharing a common stack and having NOx emissions that are not monitored separately or apportioned in accordance with OAC rule 3745-14-08, the percentage of allowances that is to be deducted from each unit's compliance account under paragraph (E)(5) of OAC rule 3745-14-06; and

iv. the compliance certification under paragraph (A)(3) of OAC rule 3745-14-04.

(Authority for term: OAC rules 3745-14-04(A)(1) and 3745-14-04(A)(2))

2.u In the compliance certification report under Section A.2.t.iv above, the NOx authorized account representative shall certify, based upon reasonable inquiry of those persons with the primary responsibility for operating the source and the NOx budget units at the source in compliance with the NOx budget trading program, whether each NOx budget unit for which the compliance certification is submitted was operated during the calendar year covered by the report in compliance with the requirements of the NOx budget trading program applicable to the unit, including all the following:

i. whether the unit was operated in compliance with the NOx budget emission limitation;

ii. whether the monitoring plan that governs the unit has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute NOx emissions to the unit, in accordance with OAC rule 3745-14-08;

iii. whether all the NOx emissions from the unit, or group of units (including the unit) using a common stack, were monitored or accounted for through the missing data procedures and reported in the quarterly monitoring reports, including whether conditional data were reported in the quarterly reports in accordance with OAC rule 3745-14-08, and if conditional data were reported, the permittee shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report submissions have been made; and

iv. whether the facts that form the basis for certification under OAC rule 3745-14-08 of each monitor at the unit or group of units (including the unit) using a common stack, or for using an excepted monitoring method or alternative monitoring method approved under OAC rule 3745-14-08, if any, have changed.

If a change is required to be reported under Section A.2.u.iv above, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor re-certification.

(Authority for term: OAC rule 3745-14-04(A)(3))

2. Additional Terms and Conditions (continued)

2.v The emission measurements recorded and reported in accordance with OAC rule 3745-14-08 shall be used to determine compliance by the unit with the NOx budget emission limitation under paragraph (E)(3) of OAC rule 3745-14-01.

(Authority for term: OAC rule 3745-14-01(E)(2)(b))

2.w The permittee shall develop and maintain a written quality assurance/quality control plan for each continuous NOx monitoring system designed to ensure continuous valid and representative readings of NOx emissions in units of the applicable standard. The plan shall follow the requirements of 40 CFR Part 75, Appendix B. The quality assurance/quality control plan and a logbook dedicated to the continuous NOx monitoring system must be kept on-site and available for inspection during regular office hours.

(Authority for term: OAC rules 3745-14-08(A)(2)(c) and 3745-14-08(A)(2)(d))

2.x The NOx authorized account representative shall submit a complete NOx budget permit renewal application for the NOx budget source covering the NOx budget units at the source in accordance with paragraph (E) of OAC rule 3745-77-08.

(Authority for term: OAC rule 3745-14-03(B)(3)(a))

2.y Within 180 days of the effective date of this permit, the permittee shall develop and maintain a written quality assurance/quality control plan for the continuous opacity monitoring system, designed to ensure continuous valid and representative readings of opacity and compliance with 40 CFR Part 60. The plan shall include, at a minimum, procedures for conducting and recording daily automatic zero/span checks, provisions for conducting a quarterly audit of the continuous opacity monitoring system, and a description of preventive maintenance activities. The plan shall describe step by step procedures for ensuring accurate operation of the continuous opacity monitoring system on a continuous basis. The quality assurance/quality control plan and a logbook dedicated to the continuous opacity monitoring system must be kept on site and available for inspection during regular office hours.

(Authority for term: OAC rule 3745-77-07(C)(1), OAC rule 3745-17-03(B)(1)(b), 40 CFR 60.13, and 40 CFR Part 60, Appendix F)

2.z The permittee is subject to the applicable emission limitation(s) and/or control measures, operational restrictions, monitoring and/or record keeping requirements, reporting requirements, testing requirements and the general and/or other requirements specified in 40 CFR Part 63, Subpart DDDDD, in accordance with 40 CFR Parts 63.7480 through 63.7575 (including the Table(s) and Appendix(ices) referenced in Subpart DDDDD), which are included in the text of Attachment 1 hereto, and are hereby incorporated into this permit as if fully rewritten.

(Authority for term: 40 CFR Part 63, Subpart DDDDD)

II. Operational Restrictions

1. The total combined daily average operating rate for emissions units B010 and B020 shall not exceed 603 mmBtu per hour.

(Authority for term: OAC rule 3745-77-07(A)(1) and OAC rule 3745-18-15(L))

III. Monitoring and/or Record Keeping Requirements

1. This permittee shall collect or require the coal supplier to collect a representative sample of coal for each shipment of coal which is received for burning in this emissions unit. The coal sampling shall be performed in accordance with ASTM method D2234, Collection of a Gross Sample of Coal. At the end of each month, the representative samples of coal from all shipments of coal which were received during that month shall be combined into one composite sample. This combination may be a physical composite or a weighted average of the test data for the individual shipments.

Each monthly composite sample of coal shall be analyzed for sulfur content (percent) and heat content (Btu/pound of coal). The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with the most recent version of the following ASTM methods: ASTM method D3177, Total Sulfur in the Analysis Sample of Coal and Coke or ASTM method D4239, Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion Methods; and ASTM method D5865, Gross Calorific Value of Coal and Coke. Alternative, equivalent methods may be used upon written approval from the Hamilton County Department of Environmental Services.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-18-04(D))

2. The permittee shall maintain monthly records of the total quantity of coal burned, the results of the analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in pounds per mmBtu), for all shipments of coal during each calendar month. The sulfur dioxide emission rate is based upon a volume-weighted average as calculated per the equation in OAC rule 3745-18-04(F)(1).

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-18-04(D))

3. The permittee shall maintain daily records of the total combined heat input, total combined hours of operation (calculated by the sum of the operating hours for each unit), and the daily average operating rate, in mmBtu per hour, for emission units B010 and B020. To determine the heat input, the permittee shall continuously monitor and record the steam flow rate from this emissions unit.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-18-04(I))

4. The permittee shall operate and maintain existing equipment to continuously monitor and record the opacity of particulate emissions from the common stack serving B010 and B020. The opacity of the visible particulate emissions from B010 and B020 shall be monitored in the combined stack for the two boilers and the visible particulate emission limitation specified in Section A.I.1 applies to each individual boiler as monitored at the common stack. An exceedance of the visible emissions limitation in Section A.I.1 as measured at the common stack does not necessarily constitute an exceedance of the emissions limitation for both boilers. Such continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 60.13.

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

a. percent opacity on an instantaneous (one-minute) and 6-minute block average basis;
b. results of daily zero/span calibration checks and the magnitude of manual calibration adjustments;
c. hours of operation of the emissions unit, continuous opacity monitoring system, and control equipment;
d. the date, time, and hours of operation of the emissions unit without the control equipment and/or the continuous opacity monitoring system;
e. the date, time, and hours of operation of the emissions unit during any malfunction of the control equipment and/or the continuous opacity monitoring system; as well as,
f. the reason (if known) and the corrective actions taken (if any) for each such event in (d) and (e).

(Authority for term: OAC rule 3745-77-07(C)(1), OAC rule 3745-17-03(B)(1)(b), 40 CFR 60.13, 40 CFR Part 60, Appendices B & F, and 40 CFR Part 64)

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

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

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

(Authority for term: OAC rule 3745-77-07(C)(1), OAC rule 3745-17-03(B)(1)(b), 40 CFR 60.13, 40 CFR Part 60, Appendix B, and 40 CFR Part 64)

6. To obtain an exemption pursuant to OAC rule 3745-17-07(A)(3)(a)(i) or (A)(3)(b)(i), the permittee shall operate and maintain temperature monitors and recorders that measure and record the temperature of the boiler exhaust gases entering the ESPs during (a) all periods of start-up until the ESPs are operational or until the inlet temperatures of the ESPs achieve the temperature level specified in OAC rule 3745-17-07(A)(3)(a)(i) and (b) all periods of shutdown until the inlet temperatures of the ESPs drop below the temperature level specified in OAC rule 3745-17-07(A)(3)(b)(i). An electronic or hardcopy record of the temperatures during periods of start-up and shutdown shall be maintained.

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

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-07(A)(3))

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

7. The CAM plan for this emissions unit has been developed for particulate emissions. The CAM performance indicators for particulate emissions, until the compliance date in 40 CFR Part 63, Subpart DDDDD, are the opacity of the visible particulate emissions from the electrostatic precipitator exhaust stack and the electrostatic precipitator power parameters (primary/secondary amperage and primary/secondary voltage) indicator ranges.

Stack opacity is measured and recorded by the certified continuous opacity monitoring (COM) system. The visible particulate emissions indicator range is each six-minute block average with an opacity value greater than 15%. When the opacity value is greater than 15% for two consecutive averaging periods, corrective action (including, but not limited to, an evaluation of the emissions unit and electrostatic precipitator) will be required.

The electrostatic precipitator may be evaluated by checking the power parameters (primary/secondary amperage and primary/secondary voltage) for the ESP's eight fields to ensure that they are operating within the indicator ranges below. The electrostatic precipitator power parameter indicator ranges for normal operation are:

Parameter	Range
Primary Current	5 - 61 amps
Primary Voltage	196 - 460 volts
Secondary Current	40 - 510 milli-amps
Secondary Voltage	9.4 - 36.7 kilovolts

When the opacity exceeds 15% for two consecutive six-minute averaging periods and one of the power parameters is outside of the indicator ranges above, additional corrective action focused on the ESP will be required. When opacity exceeds 15% for two consecutive six-minute averaging periods and the power parameters are within the indicator ranges above, corrective action focused on the emission unit will be required.

Upon detecting an excursion of the visible particulate emission value above 15% opacity for two consecutive six-minute averaging periods, the owner or operator shall restore operation of the emissions unit (including the control device) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion. Such actions may include initial inspection and evaluation, recording that operations returned to normal without operator action (such as thorough response by the computerized distribution control system), or any necessary follow-up actions to return operation to within the indicator range.

If a determination is made by the Administrator or Ohio EPA that the permittee has not used acceptable procedures in response to an excursion or exceedance based on the results of a determination made under 40 CFR Part 64.7(d)(2), the permittee may be required to develop a Quality Improvement Plan (QIP) consistent with the requirements of 40 CFR Part 64.8.

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 64)

IV. Reporting Requirements

1. The permittee shall submit quarterly reports on the quality and quantity of coal received for burning in this emissions unit. These reports shall include the following information for the emissions unit for each calendar month during the calendar quarter:

a. the total quantity of coal received (tons);

b. the average ash content (percent) of the coal received;

c. the average sulfur content (percent) of the coal received;

d. the average heat content (Btu/pound) of the coal received; and

e. the average sulfur dioxide emission rate (pounds sulfur dioxide/mmBtu actual heat input) from the coal received.

Compliance with the sulfur dioxide emission limit shall be determined each month by calculating the average monthly sulfur dioxide emission rate, using the results of the analyses of the monthly composite sample for sulfur content and heat content.

These quarterly reports shall be submitted by January 30, April 30, July 30, and October 30 of each year and shall cover the data obtained during the previous calendar quarters.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-18-04(D))

2. The permittee shall submit quarterly deviation (excursion) reports to the Hamilton County Department of Environmental Services that identify each exceedance of the total combined operating rate limitation specified in Section A.II.1.

The quarterly deviation reports shall be submitted in accordance with Section A.1.c.ii of the General Terms and Conditions in this permit.

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

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

3.a Pursuant to the monitoring, record keeping, and reporting requirements for continuous monitoring systems contained in 40 CFR Parts 60.7 and 60.13(h) and the requirements established in this permit, the permittee shall submit reports within 30 days following the end of each calendar quarter to the appropriate Ohio EPA District Office or local air agency, documenting all instances of opacity values in excess of any limitation specified in this permit, 40 CFR Part 60, OAC rule 3745-17-07, and any other applicable rules or regulations. The report shall document the date, commencement and completion times, duration, and magnitude (percent opacity) of each 6-minute block average exceeding the applicable opacity limitation(s), as well as, the reason (if known) and the corrective actions taken (if any) for each exceedance. If there are no exceedances during the calendar quarter, the permittee shall submit a statement to that effect.

IV. Reporting Requirements (continued)

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

i. the facility name and address;
ii. the manufacturer and model number of the continuous opacity monitor;
iii. the location of the continuous opacity monitor;
iv. the exceedance report as detailed in (a) above;
v. the total operating time (hours) of the emissions unit;
vi. the total operating time of the continuous opacity monitoring system while the emissions unit was in operation;
vii. the date, time, and duration of any/each malfunction* of the continuous opacity monitoring system, emissions unit, and/or control equipment;
viii. the date, time, and duration of any downtime* of the continuous opacity monitoring system and/or control equipment while the emissions unit was in operation; and
ix. the reason (if known) and the corrective actions taken (if any) for each event in (b)(vii) and (viii).

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

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

(Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.7, and 40 CFR part 64)

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 Visible Particulate Emission Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Ongoing compliance with the opacity limitation contained in this permit, 40 CFR Part 60, and any other applicable standard(s) shall be demonstrated through the data collected as required in the Monitoring and Record keeping Section of this permit; and through demonstration of compliance with the quality assurance/quality control plan, which shall meet the testing and recertification requirements of 40 CFR Part 60.

(Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.13, and 40 CFR Part 60, Appendices B & F)

1.b Particulate Emission Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance with this emission limitation shall be demonstrated through the particulate emission testing required in term and condition A.V.2 below.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-03(B)(9))

1.c Sulfur Dioxide Emission Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be determined by using the fuel analysis records required pursuant to terms and conditions A.III.1 and A.III.2 and the applicable equation in OAC rule 3745-18-04(F).

If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 6.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-18-04(D))

V. Testing Requirements (continued)

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

a. the emission testing shall be conducted within 12 months after issuance of this permit and within 12 months prior to permit expiration;

b. the emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for particulates;

c. the following test methods shall be employed to demonstrate compliance with the allowable mass emission rate: 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures specified in OAC rule 3745-17-03(B)(9); and

d. the tests shall be conducted while the emissions unit is operating at or near its maximum capacity.

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

Personnel from the Hamilton County Department of Environmental Services shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Hamilton County Department of Environmental Services within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report. The request may be granted, where warranted, if submitted prior to testing and with prior approval from the Hamilton County Department of Environmental Services.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-03(B)(9))

VI. Miscellaneous Requirements

1. The permittee is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR Part 63, Subpart DDDDD, promulgated September 13, 2004. As a result, certain emission limitations, record keeping and reporting requirements established pursuant to OAC rule 3745-17-10(C) in this permit are less stringent than emission limitations, record keeping and reporting requirements established pursuant to 40 CFR Part 63, Subpart DDDDD. The permittee shall establish which emission limitations, record keeping and reporting requirements are considered to be in compliance with those regulations and shall comply with whichever is the more stringent emission limitations, record keeping and reporting requirements of those regulations after the September 13, 2007, compliance date in 40 CFR Part 63, Subpart DDDDD.

The permittee shall forward a report within ninety days after September 13, 2007, to the Hamilton County Department of Environmental Services documenting which emission limitations, record keeping, and reporting requirements the permittee deems as compliance with those regulations.

Hamilton County Department of Environmental Services within thirty days of receipt of the above mentioned report submitted by permittee shall forward to the permittee a letter documenting their concurrence of the contents of the report, specify sections of the report that are unacceptable, and/or suggested revisions that would be acceptable to the Hamilton County Department of Environmental Services.

VI. Miscellaneous Requirements (continued)

2. The permittee has submitted a compliance assurance monitoring (CAM) applicability determination pursuant to 40 CFR Part 64. Emissions unit B010 utilizes a control device to acheive compliance with particulate emission limitations and has potential pre-control device particulate emissions greater than 100 tons per year. Pursuant to 40 CFR Part 64.2(b), CAM will not apply to the emission limitations or standards established in 40 CFR Part 63, Subpart DDDDD, after the compliance date in that rule (September 13, 2007).

(Authority for term: 40 CFR Part 64)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH11003 (B020)

Activity Description: NO. 14 Boiler

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Spreader stoker coal or tire derived fuel-fired boiler, having a rated heat input capacity of 249 mmBtu/hr and controlled with an electrostatic precipitator (ESP)	OAC rule 3745-31-05(A)(3) (PTI 14-3948)	Particulate emissions (PE) shall not exceed 118 tons per year. Particulate matter 10 microns and less in diameter (PM10) shall not exceed 0.072 pound per mmBtu of actual heat input and 77.2 tons per year*. Sulfur dioxide (SO2) emissions shall not exceed 1854 tons per year. Nitrogen oxides (NOx) emissions shall not exceed 163.5 pounds per hour and 716 tons per year*. Carbon monoxide (CO) emissions shall not exceed 51.0 pounds per hour and 223 tons per year*. Non-methane Organic Compound (NMOC) emissions shall not exceed 1.12 pounds per hour and 4.9 tons per year*. * The emission limitations outlined above are based on the emissions unit's potential to emit (PTE). Therefore, no records are required to demonstrate compliance with these limitations. See terms and conditions A.II.2 and A.II.3.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
		The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A), OAC rule 3745-17-10(C), and OAC rule 3745-18-15(L).
	OAC rule 3745-17-07(A)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as specified by rule.
	OAC rule 3745-17-10(C)	Particulate emissions (PE) shall not exceed 0.11 pound per mmBtu of actual heat input. The particulate emissions limitation established pursuant to OAC rule 3745-17-10(C) is less stringent than the emission limitation established pursuant to 40 CFR Part 63, Subpart DDDDD. The permittee shall comply with the more stringent emission limitation after the compliance date in 40 CFR Part 63, Subpart DDDDD.
	OAC rule 3745-18-15(L)	Sulfur dioxide (SO2) emissions shall not exceed 1.7 pounds per mmBtu of actual heat input. See term and condition A.II.1.
	40 CFR Part 60, Subpart D and Db	The limitations specified by these rules are not applicable to B020.
	40 CFR Part 63, Subpart DDDDD	See terms and conditions A.I.2.a, A.VI.1, and Attachment 1 of this permit.
	40 CFR Part 64 Compliance Assurance Monitoring (CAM)	See terms and conditions A.III.4, A.III.5, A.III.11, A.IV.3, and A.VI.2.

2. Additional Terms and Conditions

2.a The permittee is subject to the applicable emission limitation(s) and/or control measures, operational restrictions, monitoring and/or record keeping requirements, reporting requirements, testing requirements and the general and/or other requirements specified in 40 CFR Part 63, Subpart DDDDD, in accordance with 40 CFR Parts 63.7480 through 63.7575 (including the Table(s) and Appendix(ices) referenced in Subpart DDDDD), which are included in the text of Attachment 1 hereto, and are hereby incorporated into this permit as if fully rewritten.

(Authority for term: 40 CFR Part 63, Subpart DDDDD)

II. Operational Restrictions

1. The total combined daily average operating rate for emission units B010 and B020 shall not exceed 603 mmBtu per hour.

(Authority for term: OAC rule 3745-77-07(A)(1) and OAC rule 3745-18-15(L))

2. The total heat input for emissions unit B020 is reduced from 249 mmBtu per hour and 192,800 pounds steam per hour at maximum to 188 mmBtu per hour when burning tire derived fuel. (The reduced total heat input of 188 mmBtu per hour corresponds to a steam load of 146,000 pounds per hour). The heat input limit is based on the maximum operating rate of the boiler during the performance test conducted in 1999 when tire derived fuel was burned.

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

3. The amount of tire derived fuel fired in emissions unit B020 shall not exceed 30% by weight of the total fuel fired to the boiler on a daily basis.

(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. This permittee shall collect or require the coal supplier to collect a representative sample of coal for each shipment of coal which is received for burning in this emissions unit. The coal sampling shall be performed in accordance with ASTM method D2234, Collection of a Gross Sample of Coal. At the end of each month, the representative samples of coal from all shipments of coal which were received during that month shall be combined into one composite sample. This combination may be a physical composite or a weighted average of the test data for the individual shipments.

Each monthly composite sample of coal shall be analyzed for sulfur content (percent) and heat content (Btu/pound of coal). The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with the most recent version of the following ASTM methods: ASTM method D3177, Total Sulfur in the Analysis Sample of Coal and Coke or ASTM method D4239, Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion Methods; and ASTM method D5865, Gross Calorific Value of Coal and Coke. Alternative, equivalent methods may be used upon written approval from the Hamilton County Department of Environmental Services.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-18-04(D))

2. The permittee shall maintain monthly records of the total quantity of coal burned, the results of the analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in pounds per mmBtu), for all shipments of coal during each calendar month. The sulfur dioxide emission rate is based upon a volume-weighted average as calculated per the equation in OAC rule 3745-18-04(F)(1).

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-18-04(D))

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

3. The permittee shall maintain daily records of the total combined heat input, total combined hours of operation (calculated by the sum of the operating hours for each unit), and the daily average operating rate, in mmBtu per hour, for emission units B010 and B020. To determine the heat input, the permittee shall continuously monitor and record the steam flow rate from this emissions unit.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-18-04(I))

4. The permittee shall operate and maintain existing equipment to continuously monitor and record the opacity of particulate emissions from the common stack serving B010 and B020. The opacity of the visible particulate emissions from B010 and B020 shall be monitored in the combined stack for the two boilers and the visible particulate emission limitation specified in Section A.I.1 applies to each individual boiler as monitored at the common stack. An exceedance of the visible emissions limitation in Section A.I.1 as measured at the common stack does not necessarily constitute an exceedance of the emissions limitation for both boilers. Such continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 60.13.

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

a. percent opacity on an instantaneous (one-minute) and 6-minute block average basis;
b. results of daily zero/span calibration checks and the magnitude of manual calibration adjustments;
c. hours of operation of the emissions unit, continuous opacity monitoring system, and control equipment;
d. the date, time, and hours of operation of the emissions unit without the control equipment and/or the continuous opacity monitoring system;
e. the date, time, and hours of operation of the emissions unit during any malfunction of the control equipment and/or the continuous opacity monitoring system; as well as,
f. the reason (if known) and the corrective actions taken (if any) for each such event in (d) and (e).

(Authority for term: OAC rule 3745-77-07(C)(1), OAC rule 3745-17-03(B)(1)(b), 40 CFR 60.13, 40 CFR Part 60, Appendices B & F, and 40 CFR Part 64)

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

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

(Authority for term: OAC rule 3745-77-07(C)(1), OAC rule 3745-17-03(B)(1)(b), 40 CFR 60.13, 40 CFR Part 60, Appendix B, and 40 CFR Part 64)

6. When burning tire derived fuel, the permittee shall continuously monitor and record the steam flow rate from emissions unit B020. At no time shall the steam flow rate from emissions unit B020 exceed 146,000 pounds per hour (as an average over any one-hour period) while burning tire derived fuel.

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

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

7. The permittee shall collect or require the tire derived fuel supplier to collect a representative sample of tire derived fuel for each shipment of tire derived fuel which is received for burning in this emissions unit. The tire derived fuel sampling shall be performed in accordance with ASTM method D2234, Collection of a Gross Sample of Coal. At the end of each month, the representative samples of tire derived fuel for all shipments of tire derived fuel which were received during that month shall be combined into one composite sample. This combination may be a physical composite or a weighted average of the test data for the individual shipments.

Each monthly composite sample of tire derived fuel shall be analyzed for sulfur content (percent) and heat content (Btu/pound of tire derived fuel). The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat contentin accordance with the most recent versions of the following ASTM methods: ASTM method D3177, Total Sulfur in the Analysis Sample of Coal and Coke or ASTM method D4239, Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion Methods; and ASTM method D5865, Gross Calorific Value of Coal and Coke. Alternative, equivalent methods may be used upon written approval from the Hamilton County Department of Environmental Services.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-18-04(D))

8. The permittee shall maintain monthly records of the total quantity of tire derived fuel burned, sulfur content, chlorine content and heat content, and the calculated sulfur dioxide emission rate (in pounds per mmBtu) for all shipments of tire derived fuel during each calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-18-04(D))

9. Each day that tire derived fuel is co-fired in emissions unit B020, the permittee shall record and maintain the following information:

a. The amount of coal burned (tons);

b. The amount of tire derived fuel burned (tons);

c. The percent of tire derived fuel of the total fuel fired to the boiler by weight; and

d. The source of each shipment of tire derived fuel.

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

10. To obtain an exemption pursuant to OAC rule 3745-17-07(A)(3)(a)(i) or (A)(3)(b)(i), the permittee shall operate and maintain temperature monitors and recorders that measure and record the temperature of the boiler exhaust gases entering the ESPs during (a) all periods of start-up until the ESPs are operational or until the inlet temperatures of the ESPs achieve the temperature level specified in OAC rule 3745-17-07(A)(3)(a)(i) and (b) all periods of shutdown until the inlet temperatures of the ESPs drop below the temperature level specified in OAC rule 3745-17-07(A)(3)(b)(i). An electronic or hardcopy record of the temperatures during periods of start-up and shutdown shall be maintained.

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

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-07(A)(3))

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

11. The CAM plan for this emissions unit has been developed for particulate emissions. The CAM performance indicators for particulate emissions, until the compliance date in 40 CFR Part 63, Subpart DDDDD, are the opacity of the visible particulate emissions from the electrostatic precipitator exhaust stack and the electrostatic precipitator power parameters (primary amperage and primary voltage) indicator ranges.

Stack opacity is measured and recorded by the certified continuous opacity monitoring (COM) system. The visible particulate emissions indicator range is each six-minute block average with an opacity value greater than 15%. When the opacity value is greater than 15% for two consecutive averaging periods, corrective action (including, but not limited to, an evaluation of the emissions unit and electrostatic precipitator) will be required.

The electrostatic precipitator may be evaluated by checking the power parameters (primary amperage and primary voltage) for the ESP's three fields to ensure that they are operating within the indicator ranges below. The ESP does not have displays or indicators for secondary power parameters. The electrostatic precipitator power parameter indicator ranges for normal operation are:

Parameter	Range
Primary Current	28 - 130 amps
Primary Voltage	140 - 283 volts

When the opacity exceeds 15% for two consecutive six-minute averaging periods and one of the power parameters is outside of the indicator ranges above, additional corrective action focused on the ESP will be required. When opacity exceeds 15% for two consecutive six-minute averaging periods and the power parameters are within the indicator ranges above, corrective action focused on the emission unit will be required.

Upon detecting an excursion of the visible particulate emission value above 15% opacity for two consecutive six-minute averaging periods, the owner or operator shall restore operation of the emissions unit (including the control device) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion. Such actions may include initial inspection and evaluation, recording that operations returned to normal without operator action (such as thorough response by the computerized distribution control system), or any necessary follow-up actions to return operation to within the indicator range.

If a determination is made by the Administrator or Ohio EPA that the permittee has not used acceptable procedures in response to an excursion or exceedance based on the results of a determination made under 40 CFR Part 64.7(d)(2), the permittee may be required to develop a Quality Improvement Plan (QIP) consistent with the requirements of 40 CFR Part 64.8.

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 64)

IV. Reporting Requirements

1. The permittee shall submit quarterly reports on the quality and quantity of coal received for burning in this emissions unit. These reports shall include the following information for the emissions unit for each calendar month during the calendar quarter:

a. the total quantity of coal received (tons);

b. the average ash content (percent) of the coal received;

c. the average sulfur content (percent) of the coal received;

d. the average heat content (Btu/pound) of the coal received; and

e. the average sulfur dioxide emission rate (pounds sulfur dioxide per mmBtu actual heat input) from the coal received.

Compliance with the sulfur dioxide emission limit shall be determined each month by calculating the average monthly sulfur dioxide emission rate, using the results of the analyses of the monthly composite sample for sulfur content and heat content.

These quarterly reports shall be submitted by January 30, April 30, July 30, and October 30 of each year and shall cover the data obtained during the previous calendar quarters.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-18-04(D))

2. This permittee shall submit quarterly reports to the Hamilton County Department of Environmental Services that summarize the following information for the emissions unit for each calendar month during the calendar quarter:

a. The amount of tire derived fuel burned (tons);

b. The average heat content of tire derived fuel (Btu/lb); and

c. The average sulfur content (percent) of the tire derived fuel received.

These quarterly reports shall be submitted by January 30, April 30, July 30 and October 30 of each year and shall cover the data obtained during the previous calendar quarter.

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

3.a Pursuant to the monitoring, record keeping, and reporting requirements for continuous monitoring systems contained in 40 CFR Parts 60.7 and 60.13(h) and the requirements established in this permit, the permittee shall submit reports within 30 days following the end of each calendar quarter to the appropriate Ohio EPA District Office or local air agency, documenting all instances of opacity values in excess of any limitation specified in this permit, 40 CFR Part 60, OAC rule 3745-17-07, and any other applicable rules or regulations. The report shall document the date, commencement and completion times, duration, and magnitude (percent opacity) of each 6-minute block average exceeding the applicable opacity limitation(s), as well as, the reason (if known) and the corrective actions taken (if any) for each exceedance. If there are no exceedances during the calendar quarter, the permittee shall submit a statement to that effect.

IV. Reporting Requirements (continued)

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

i. the facility name and address;
ii. the manufacturer and model number of the continuous opacity monitor;
iii. the location of the continuous opacity monitor;
iv. the exceedance report as detailed in (a) above;
v. the total operating time (hours) of the emissions unit;
vi. the total operating time of the continuous opacity monitoring system while the emissions unit was in operation;
vii. the date, time, and duration of any/each malfunction* of the continuous opacity monitoring system, emissions unit, and/or control equipment;
viii. the date, time, and duration of any downtime* of the continuous opacity monitoring system and/or control equipment while the emissions unit was in operation; and
ix. the reason (if known) and the corrective actions taken (if any) for each event in (b)(vii) and (viii).

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

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

(Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.7, and 40 CFR part 64)

4. If for any reason the steam flow rate from emissions unit B020 exceeds 146,000 pounds per hour, when burning tire derived fuel, the following information shall be reported to the Hamilton County Department of Environmental Services within 5 business days after the exceedance:

a. The date of the exceedance;

b. The time interval over which the exceedance occurred;

c. The steam flow rate;

d. The cause(s) of the exceedance;

e. The corrective action which has been or will be taken to prevent similar exceedances in the future; and

f. A copy of the steam chart which shows the exceedance.

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

5. The permittee shall submit quarterly deviation (excursion) reports to the Hamilton County Department of Environmental Services that identify each exceedance of the total combined operating rate limitation specified in Section A.II.1.

The quarterly deviation reports shall be submitted in accordance with Section A.1.c.ii of the General Terms and Conditions in this permit.

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

6. The permittee shall submit quarterly deviation (excursion) reports that identify each exceedance of the tire derived fuel limitation specified in Section A.II.3.

The quarterly deviation reports shall be submitted in accordance with Section A.1.c.ii of the General Terms and Conditions in this permit.

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

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 Visible Particulate Emissions Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Ongoing compliance with the opacity limitation contained in this permit, 40 CFR Part 60, and any other applicable standard(s) shall be demonstrated through the data collected as required in the Monitoring and Record keeping Section of this permit; and through demonstration of compliance with the quality assurance/quality control plan, which shall meet the testing and recertification requirements of 40 CFR Part 60.

(Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.13, and 40 CFR Part 60, Appendices B & F)

1.b Nitrogen oxides (NOx), Carbon monoxide (CO), Non-Methane Organic Compound (NMOC), PM10 Emission Limitations:
As specified in Section A.I.1.

Applicable Compliance Method:
The emission limitations specified above are based upon the emission unit's potential to emit. Compliance shall be determined by emission factors found in US EPA AP-42 Section 1.1 (dated 9/98) or the permittee's most recent emissions test data.

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

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

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

If required, the permittee shall demonstrate compliance with the PM10 emission limitation through emission tests performed in accordance with 40 CFR Part 51, Appendix M, Methods 1 through 4 and 201.

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

1.c Sulfur Dioxide Emission Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be determined by using the fuel analysis records required pursuant to terms and conditions A.III.1, A.III.2, A.III.7, and A.III.8 and the applicable equation in OAC rule 3745-18-04(F).

If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 6.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-18-04(D))

1.d Particulate Emission Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance with this emission limitation shall be demonstrated through the particulate emission testing required in term and condition A.V.2 below.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-03(B)(9))

V. Testing Requirements (continued)

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

a. the emission testing shall be conducted within 12 months after issuance of this permit and within 12 months prior to permit expiration;

b. the emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for particulates;

c. the following test methods shall be employed to demonstrate compliance with the allowable mass emission rate: 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures specified in OAC rule 3745-17-03(B)(9); and

d. the tests shall be conducted while the emissions unit is operating at or near its maximum capacity.

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

Personnel from the Hamilton County Department of Environmental Services shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Hamilton County Department of Environmental Services within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report. The request may be granted, where warranted, if submitted prior to testing and with prior approval from the Hamilton County Department of Environmental Services.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-03(B)(9))

VI. Miscellaneous Requirements

1. The permittee is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR Part 63, Subpart DDDDD, promulgated September 13, 2004. As a result, certain emission limitations, record keeping and reporting requirements established pursuant to OAC rule 3745-31-05(A)(3) and OAC rule 3745-17-10(C) in this permit are less stringent than emission limitations, record keeping and reporting requirements established pursuant to 40 CFR Part 63, Subpart DDDDD. The permittee shall establish which emission limitations, record keeping and reporting requirements are considered to be in compliance with those regulations and shall comply with whichever is the more stringent emission limitations, record keeping and reporting requirements of those regulations after the September 13, 2007, compliance date in 40 CFR Part 63, Subpart DDDDD.

The permittee shall forward a report within ninety days after September 13, 2007, to the Hamilton County Department of Environmental Services documenting which emission limitations, record keeping, and reporting requirements the permittee deems as compliance with those regulations.

Hamilton County Department of Environmental Services within thirty days of receipt of the above mentioned report submitted by permittee shall forward to the permittee a letter documenting their concurrence of the contents of the report, specify sections of the report that are unacceptable, and/or suggested revisions that would be acceptable to the Hamilton County Department of Environmental Services.

VI. Miscellaneous Requirements (continued)

2. The permittee has submitted a compliance assurance monitoring (CAM) applicability determination pursuant to 40 CFR Part 64. Emissions unit B020 utilizes a control device to acheive compliance with particulate emission limitations and has potential pre-control device particulate emissions greater than 100 tons per year. Pursuant to 40 CFR Part 64.2(b), CAM will not apply to the emission limitations or standards established in 40 CFR Part 63, Subpart DDDDD, after the compliance date in that rule (September 13, 2007).

(Authority for term: 40 CFR Part 64)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Spreader stoker coal or tire derived fuel-fired boiler, having a rated heat input capacity of 249 mmBtu/hr and controlled with an electrostatic precipitator (ESP)		

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permit to install for this emissions unit B020 was evaluated based on the actual materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied to this emissions unit for each toxic pollutant, using data from the permit to install application, and modeling was performed for the toxic pollutant(s) emitted at over a ton per year using the SCREEN3 model or other Ohio EPA approved model. The predicted 1-hour maximum ground-level concentration result(s) from the use of the SCREEN3 (or other approved) model, was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: Hydrogen chloride
TLV (ug/m3): 7458
Maximum Hourly Emission Rate (lbs/hr): 36.41
Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 17.6
MAGLC (ug/m3): 178

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

2. The above described evaluation determined that the maximum ground level concentration for the new or modified source was less than 80% of the MAGLC. Per ORC 3704.03(F)(4)(d), the owner or operator shall submit an annual report that describes any changes to the emissions unit that affect the air toxic modeling. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

a. changes in the composition of the materials used or the use of new materials, that would result in the emission of a compound or chemical with a lower Threshold Limit Value (TLV) than the lowest TLV previously modeled, as documented in the most current version of the American Conference of Governmental Industrial Hygienists' (ACGIH's) handbook entitled "TLVs and BEIs" ("Threshold Limit Values for Chemical Substances and Physical Agents, Biological Exposure Indices");

b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

The permittee shall submit annual reports that describe any changes to this emissions unit which affect the air toxic modeling. If no changes were made during the year, then a report shall be submitted stating that no changes were made. This report is due by January 31 of each year and shall cover the previous calendar year.

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH11001 (F003)

Activity Description: Coal handling and ash unloading

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Coal unloading (railcar bottom dumping and truck dumping)	OAC rule 3745-17-07(B)(1)	Visible particulate emissions from any fugitive dust emission point shall not exceed 20% opacity, as a 3-minute average.
	OAC rule 3745-17-08(B)	Dumping shall be accomplished at a slow rate and in a partially enclosed area to minimize or eliminate visible emissions of fugitive dust.
Ash loading and unloading	OAC rule 3745-17-07(B)(1)	Visible particulate emissions from any fugitive dust emission point shall not exceed 20% opacity.
	OAC rule 3745-17-08(B)	The permittee shall employ reasonable available control measures (RACM) to minimize or eliminate visible particulate emissions from the ash truck loading operations. Such measures may include, but are not limited to: conditioning the ash with water and/or other dust suppressant materials, application of dust collection and control equipment, or other appropriate control methods.
Coal and ash transfer and conveying	OAC rule 3745-17-07(B)(1)	Visible particulate emissions from any fugitive dust emission point shall not exceed 20% opacity.
	OAC rule 3745-17-08(B)	The conveyors and transfer points shall be maintained under roof to minimize or eliminate visible emissions of fugitive dust.

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible emissions of fugitive dust from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

a. the location and color of the emissions;
b. whether the emissions are representative of normal operations;
c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
d. the total duration of any visible emission incident; and
e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item (d) above or continue the emissions check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions. Visible emissions are not necessarily an indication of an emissions violation.

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

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports that (a) identify all weekly records during which any visible emissions of fugitive dust were observed from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit and (b) describe any corrective actions taken to minimize or eliminate the visible emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month periods.

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

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 Visible Particulate Emission Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(3).

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

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12078 (K001)

Activity Description: NO. 33 Cast Coater

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12009 (K002)

Activity Description: NO. 44 Cast Coater

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12010 (K003)

Activity Description: NO. 55 Cast Coater

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12052 (K004)

Activity Description: NO. 2 Paper Machine Coater System (Previously Z041)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
No. 2 Paper Machine Rod Coater	OAC rule 3745-31-05(A)(3) (PTI 14-04176)	Volatile organic compound (VOC) emissions shall not exceed 211 pounds per hour.* VOC emissions shall not exceed 16.25 tons per year (TPY) as a rolling 12-month summation of the monthly emissions. See term and condition A.II.1. *The hourly emission limitation outlined above is based on the emissions unit's potential to emit (PTE). Therefore, no hourly records are required to demonstrate compliance with this limitation. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(F).
	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	Exempt. The requirements of this rule are not applicable to papermaking on-machine coating systems.

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The maximum annual VOC input, as applied, of coatings employed in this emissions unit shall not exceed 16.25 tons per year as a rolling 12-month summation. The VOC input shall be determined by multiplying the number of gallons of coating employed per month by the VOC content of each coating in pounds per gallon, excluding water and exempt solvents (see record keeping requirements in terms and conditions A.III.1).

(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 collect and record the following information each month for this emissions unit:

a. The name and identification number of each coating, as applied.

b. The VOC content of each coating, in pounds of VOC per gallon, excluding water and exempt solvents, as applied.

c. The water and exempt solvent content of each coating, as applied, in percent by weight.

d. The amount of each coating employed, in gallons, excluding water and exempt solvents.

e. The monthly VOC input (the summation of the results of the value from line b multiplied by the value from line d for each coating employed).

f. the updated rolling, 12-month summation total, in tons, of VOC input (the total amount of VOC input for the current month recorded in line e plus the total amount of VOC input for the previous eleven calendar months).

(Authority for term: OAC rule 3745-77-07(C)(1), OAC rule 3745-21-09(B)(3)(f), and OAC rule 3745-31-05(A)(3))

2. The permittee shall maintain monthly records of the following information for this emissions unit in order to monitor compliance with the rolling, 12-month summation emission limitation:

a. the total emissions, in tons, of VOC for each month; and

b. the updated rolling, 12-month summation emissions total, in tons, of VOC (the total amount of emissions for the current month plus the total amount of emissions for the previous eleven calendar months).

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

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports to the Hamilton County Department of Environmental Services which identify all exceedances of the following:

a. an identification of all exceedances of the rolling 12-month VOC input operational restriction as specified in Section A.II.1; and

b. an identification of all exceedances of the rolling 12-month emission limitation for VOC as specified in Section A.I.1.

The permittee shall submit the reports by January 31, April 30, July 31 and October 31 of each year and shall cover the previous calendar quarters (October through December, January through March, April through June and July through September, respectively).

If no deviations occurred during the reporting period, the permittee shall state so in the report.

(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 monthly record showing the use of noncomplying coatings (i.e., VOC contents). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

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 VOC Hourly Emission Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
The hourly emission limitation is based on the emissions unit's potential to emit and the operational parameters as provided in the PTI application 14-04176, submitted May 29, 1996. This emission limitation was established by multiplying the maximum coating application rate (72.74 gallons per hour) by 2.9 pounds of VOC per gallon.

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

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

1.b VOC Annual Emission Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance with the VOC annual emission limitation shall be determined by the record keeping requirements specified in Section A.III.2.

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

1.c VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating 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 3745-21-09(F), and OAC rule 3745-21-04(B)(5))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
No. 2 Paper Machine Rod Coater		See term and condition B.IV.1.

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

1. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic pollutant will be less than 1.0 ton. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that a new permit to install application would be required for an emissions unit if changes in the composition of the materials or use of new materials would cause the emissions of any pollutant that has a listed Threshold Limit Value (TLV), as documented in the most current version of the American Conference of Governmental Industrial Hygienists' (ACGIH's) handbook entitled "TLVs and BEIs" ("Threshold Limit Values for Chemical Substances and Physical Agents, Biological Exposure Indices"), to increase to above 1.0 ton per year.

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12053 (K005)

Activity Description: NO. 3 Paper Machine Coater System (Previously Z042)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
No. 3 Paper Machine Rod Coater	OAC rule 3745-31-05(A)(3) (PTI 14-04409)	Volatile organic compound (VOC) emissions shall not exceed 211 pounds per hour.* *The hourly emission limitation outlined above is based on the emissions unit's potential to emit (PTE). Therefore, no hourly records are required to demonstrate compliance with this limitation. The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(C) and OAC rule 3745-21-09(F).
	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	OAC rule 3745-31-05(C) Synthetic Minor to Avoid Nonattainment New Source Review and the Emissions Offset Policy	VOC emissions shall not exceed 16.25 tons per year (TPY) as a rolling 12-month summation of the monthly emissions. See term and condition A.II.1.
	40 CFR Part 63, Subpart JJJJ	Exempt. The requirements of this rule are not applicable to papermaking on-machine coating systems.

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The maximum annual VOC input, as applied, of coatings employed in this emissions unit shall not exceed 16.25 tons per year as a rolling 12-month summation. The VOC input shall be determined by multiplying the number of gallons of coating employed per month by the VOC content of each coating in pounds per gallon, excluding water and exempt solvents (see record keeping requirements in terms and conditions A.III.1).

(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 collect and record the following information each month for this emissions unit:

a. The name and identification number of each coating, as applied.

b. The VOC content of each coating, in pounds of VOC per gallon, excluding water and exempt solvents, as applied.

c. The water and exempt solvent content of each coating, as applied, in percent by weight.

d. The amount of each coating employed, in gallons, excluding water and exempt solvents.

e. The monthly VOC input (the summation of the results of the value from line b multiplied by the value from line d for each coating employed).

f. The updated rolling, 12-month summation total, in tons, of VOC input (the total amount of VOC input for the current month recorded in line e plus the total amount of VOC input for the previous eleven calendar months).

(Authority for term: OAC rule 3745-77-07(C)(1), OAC rule 3745-21-09(B)(3)(f), OAC rule 3745-31-05(C), and OAC rule 3745-31-05(A)(3))

2. The permittee shall maintain monthly records of the following information for this emissions unit in order to monitor compliance with the rolling, 12-month summation emission limitation:

a. the total emissions, in tons, of VOC for each month; and

b. the updated rolling, 12-month summation emissions total, in tons, of VOC (the total amount of emissions for the current month plus the total amount of emissions for the previous eleven calendar months).

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

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports to the Hamilton County Department of Environmental Services which identify all exceedances of the following:

a. an identification of all exceedances of the rolling 12-month VOC input operational restriction as specified in Section A.II.1; and

b. an identification of all exceedances of the rolling 12-month emission limitation for VOC as specified in Section A.I.1.

The permittee shall submit the reports by January 31, April 30, July 31 and October 31 of each year and shall cover the previous calendar quarters (October through December, January through March, April through June and July through September, respectively).

If no deviations occurred during the reporting period, the permittee shall state so in the report.

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

2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings (i.e., VOC contents). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

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 VOC Hourly Emission Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
The hourly emission limitation is based on the emissions unit's potential to emit and the operational parameters as provided in the PTI application 14-04176, submitted May 29, 1996. This emission limitation was established by multiplying the maximum coating application rate (72.74 gallons per hour) by 2.9 pounds of VOC per gallon.

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

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

1.b VOC Annual Emission Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance with the VOC annual emission limitation shall be determined by the record keeping requirements specified in Section A.III.2.

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

V. Testing Requirements (continued)

1.c VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating 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 3745-21-09(F), and OAC rule 3745-21-04(B)(5))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
No. 3 Paper Machine Rod Coater		See term and condition B.VI.1.

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

1. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic pollutant is less than 1.0 ton. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that a new permit to install application would be required for an emissions unit if changes in the composition of the materials or use of new materials would cause the emissions of any pollutant that has a listed Threshold Limit Value (TLV), as documented in the most current version of the American Conference of Governmental Industrial Hygienists' (ACGIH's) handbook entitled "TLVs and BEIs" ("Threshold Limit Values for Chemical Substances and Physical Agents, Biological Exposure Indices"), to increase to above 1.0 ton per year.

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12054 (K006)

Activity Description: NO. 9 Paper Machine Coater System (Previously Z043)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
No. 9 Paper Machine Coater System	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	Exempt. The requirements of this rule are not applicable to papermaking on-machine coating systems.

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12055 (K007)

Activity Description: NO. 10 Paper Machine Coater System (Previously Z044)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
No. 10 Paper Machine Coater System	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	Exempt. The requirements of this rule are not applicable to papermaking on-machine coating systems.

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12060 (K008)

Activity Description: NO.3 Cast Coater (Previously Z048)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12061 (K009)

Activity Description: NO.4 Cast Coater (Previously Z049)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12062 (K010)

Activity Description: NO.5 Cast Coater (Previously Z050)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12063 (K011)

Activity Description: NO.6 Cast Coater (Previously Z051)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12064 (K012)

Activity Description: NO.7 Cast Coater (Previously Z052)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12065 (K013)

Activity Description: NO.8 Cast Coater (Previously Z053)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12066 (K014)

Activity Description: NO.9 Cast Coater (Previously Z054)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12067 (K015)

Activity Description: NO.10 Cast Coater (Previously Z055)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12068 (K016)

Activity Description: NO.11 Cast Coater (Previously Z056)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12069 (K017)

Activity Description: NO.12 Cast Coater (Previously Z057)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissionsunits K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12070 (K018)

Activity Description: NO.13 Cast Coater (Previously Z058)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12071 (K019)

Activity Description: NO.14 Cast Coater (Previously Z059)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12072 (K020)

Activity Description: NO.15 Cast Coater (Previously Z060)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12073 (K021)

Activity Description: NO.22 Cast Coater (Previously Z061)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12074 (K022)

Activity Description: NO.17 Cast Coater (Previously Z062)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12075 (K023)

Activity Description: NO.77 Cast Coater (Previously Z063)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12076 (K024)

Activity Description: NO.88 Cast Coater (Previously Z064)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12077 (K025)

Activity Description: NO.99 Cast Coater (Previously Z065)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12021 (K026)

Activity Description: NO.1 Cast Coater (Previously Z004)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Cast coat paper coating line	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH19043 (K027)

Activity Description: Super Calender Complex Calender (Previously Z066)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Super Calender Complex Calender	OAC rule 3745-21-09(F)	The VOC content of the coatings employed shall not exceed 2.9 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents.
	40 CFR Part 63, Subpart JJJJ	See term and condition A.I.2.a.

2. Additional Terms and Conditions

2.a The emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from the collection of all web coating lines at this facility, including emissions units K001 (No. 33 Cast Coater), K002 (No. 44 Cast Coater), K003 (No. 55 Cast Coater), K008 (No. 3 Cast Coater), K009 (No. 4 Cast Coater), K010 (No. 5 Cast Coater), K011 (No. 6 Cast Coater), K012 (No. 7 Cast Coater), K013 (No. 8 Cast Coater), K014 (No. 9 Cast Coater), K015 (No. 10 Cast Coater), K016 (No. 11 Cast Coater), K017 (No. 12 Cast Coater), K018 (No. 13 Cast Coater), K019 (No. 14 Cast Coater), K020 (No. 15 Cast Coater), K021 (No. 22 Cast Coater), K022 (No. 17 Cast Coater), K023 (No. 77 Cast Coater), K024 (No. 88 Cast Coater), K025 (No. 99 Cast Coater), K026 (No. 1 Cast Coater) and K027 (Super Calender Complex Calender), shall not exceed 0.2 kilogram organic HAP per kilogram coating solids as-applied on a monthly average basis.

(Authority for term: 40 CFR Part 63.3320(a), 40 CFR Part 63.3320(b)(3), 40 CFR Part 63.3370(a)(2)(iv))

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

(a) The name and identification number of each coating, as applied.

(b) The VOC content of each coating (excluding water and exempt solvents), as applied.

The information above shall be collected and recorded as part of the common coating kitchen records for the facility.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new source and subject to a specific "gallons/year" limitation in a Permit to Install. In such cases, for each such new source only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

2. The permittee shall collect and record the following information each month for emissions units K001, K002, K003, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K026, and K027 combined:

(a) The organic HAP content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(c), expressed as a mass fraction, kg/kg;

(b) The coating solids content of each coating as-applied determined pursuant to 40 CFR Part 63.3360(d), expressed as a mass fraction, kg/kg;

(c) The mass of each coating as-applied in a month, in kg; and,

(d) The calculated monthly average organic HAP content of all as-applied coating materials pursuant to Equation 5 of 40 CFR Part 63.3370(c)(4).

(Authority for term: 40 CFR Part 63.3410(a)(1) and 40 CFR Part 63.3370(c)(4))

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings as specified in OAC rule 3745-21-09(F). The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

2. The permittee shall submit a Notification of Compliance Status for 40 CFR Part 63, Subpart JJJJ, as specified in 40 CFR Part 63.9(h).

(Authority for term: 40 CFR Part 63.3400(e) and 40 CFR 63, Subpart A)

IV. Reporting Requirements (continued)

3. The permittee shall submit semi-annual compliance reports in accordance with 40 CFR Part 63.3400(c) by January 31 and July 31 of each year covering the previous six calendar months of operation. The semi-annual compliance reports shall contain the following information as specified in 40 CFR Part 63.3400(c)(2):

a. company name and address;

b. statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report;

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

d. if there are no deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a, a statement that there were no deviations from the emissions limitations during the reporting period; and,

e. if there were any deviations from the organic HAP emission limitations as specified in term and condition A.I.2.a during the reporting period, the report shall include the following information:

i. the total operating time of each afftected source during the reporting period; and,

ii. information on the number, duration, and cause of the deviations (including unknown cause), if applicable, and the corrective action taken.

In addition to the above, the semi-annual compliance report shall include additional information if the following changes occur at the facility: 1) a change occurs at the facility or within the process that might affect its compliance status; 2) a change from what was reported in the Initial Notification of Compliance Status occurs at the facility or within the process; or 3) a change to another emission limitation option under 40 CFR Part 63, Subpart JJJJ.

(Authority for term: 40 CFR Part 63.3400(c) and 40 CFR Part 63, Subpart A)

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 VOC Content Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Organic HAP Emission Limitation:
As specified in Sections A.I.1 and A.I.2.a.

Applicable Compliance Method:
Compliance with the applicable organic HAP emission limitation shall be demonstrated by the record keeping requirements in Section A.III.2.

(Authority for term: 40 CFR Part 63.3370(a)(2)(iv))

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12013 (P009)

Activity Description: NO. 2 Mill Tubsize Starch Mix Tank and Tubsize Starch Cookers

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
#2 Mill Tubsize Starch Mix Tank and Cookers controlled with a wet venturi scrubber	OAC rule 3745-17-07(A)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as specified by rule.
	OAC rule 3745-17-11(B)(1) (Figure II)	Particulate emissions (PE) shall not exceed 5.18 pounds per hour.

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly install, operate, and maintain equipment to continuously monitor and record the pressure drop and scrubber water flow rate during operation of this emissions unit, including periods of startup and shutdown. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop and water flow rate on a weekly basis.

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

1.a The acceptable ranges for the pressure drop across the scrubber and the scrubber water flow rate shall be based upon the manufacturer's specifications until such time as any required emission testing is conducted.

These ranges are effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the pressure drop and/or flow rate ranges based upon information obtained during future particulate emission tests that demonstrate compliance with the allowable particulate emission rate for this emissions unit. In addition, approved revisions to the pressure drop and/or flow rate ranges will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a minor permit modification.

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

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

1.b Whenever the monitored value for the pressure drop and water flow rate deviates from the ranges specified in term and conditions A.III.1.a above, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation: the date and time the deviation began and the magnitude of the deviation at that time, the date(s) the investigation was conducted, the names of the personnel who conducted the investigation, and the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable ranges specified in term and conditions A.III.1.a above, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken: a description of the corrective action, the date it was completed, the date and time the deviation ended, the total period of time (in minutes) during which there was a deviation, the pressure drop and/or flow rate readings immediately after the corrective action, and the names of the personnel who performed the work. Investigation and records required by this paragraph does not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

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

IV. Reporting Requirements

1. The permittee shall submit quarterly reports that identify the following information concerning the operation of the control equipment during the operation of this emissions unit:

a. each period of time when the pressure drop and/or water flow rate of the scrubber was outside of the range specified by the manufacturer;

b. an identification of each incident of deviation described in (a) where a prompt investigation was not conducted;

c. an identification of each incident of deviation described in (a) where prompt corrective action, that would bring the pressure drop and/or water flow rate into compliance with the acceptable range, was determined to be necessary and was not taken; and

d. an identification of each incident of deviation described in (a) where proper records were not maintained for the investigation and/or the corrective action.

These quarterly 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.

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

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 Visible Particulate Emission Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1). The presence of water vapor in the scrubber plume does not constitute visible emissions.

(Authority for term: OAC rule 3745-17-07(A))

V. Testing Requirements (continued)

1.b Particulate Emission Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
Due to the configuration of the exhaust system and the short duration intermittent batch operation of this emissions unit, it is not technically feasible to perform stack testing on this emissions unit. Compliance with the emission limitation specified above may be demonstrated by multiplying the US EPA AP-42 Table 11.17-4 uncontrolled particulate emissions factor of 2.2 pounds of particulate emissions per ton of raw material (starch) by the maximum hourly starch mixture processing rate of 11.78 tons per hour, then multipling the uncontrolled mass emission rate by (1.00 - 0.95), or 0.05, based on the scrubber manufacturer's estimated control efficiency of 95 percent.

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

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH19025 (P010)

Activity Description: NO. 1 Mill Trim System (Previously Z017)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
No. 1 Mill Trim System comprised of trim handling equipment including the trim conveyance system, trim recovery units (cyclones, airscreens, and broke boxes), and emissions control equipment.	OAC rule 3745-31-05(A)(3) (PTI 14-04395)	Particulate emissions (PE) and particulate matter 10 microns and less in diameter (PM10) shall not exceed 25.84 pounds per hour. See term and condition A.II.2. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A), OAC rule 3745-17-07(B), OAC rule 3745-17-08(B), and OAC rule 3745-31-05(C).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20 percent opacity as a 6-minute average, except as specified by rule.
	OAC rule 3745-17-07(B)(1)	Visible emissions of fugitive dust shall not exceed 20 percent opacity as a three-minute average.
	OAC rule 3745-17-08(B)	See term and condition A.I.2.a.
	OAC rule 3745-17-11(B)(1) (Table I)	The emission limitation specified by this rule is equivalent to the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
	OAC rule 3745-31-05(C) Synthetic Minor to Avoid Major Modification NSR	Particulate emissions (PE) and particulate matter 10 microns and less in diameter (PM10) shall not exceed 10.65 tons per year (TPY), as a rolling 12-month summation. See term and condition A.II.1.

2. Additional Terms and Conditions

2.a The permittee shall employ reasonably available control methods, including use of a fabric filter on the airscreen and use of a recovery cyclone system, for the purpose of ensuring compliance with the above-mentioned applicable requirements. The fabric filter and trim cyclone systems shall be sufficient to minimize or eliminate visible emissions of fugitive dust.

(Authority for term: OAC rule 3745-17-08(B) and OAC rule 3745-31-05(A)(3))

II. Operational Restrictions

1. The maximum annual production rate of trim for this emissions unit shall not exceed 12,604 tons for the combined trim cyclones and air screen system (baghouse), based upon a rolling, 12-month summation of the production rates.

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

2. The maximum hourly amount of trim produced from the trim cyclones and air screen system (baghouse) shall not exceed 31,207 pounds trim per hour.

(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 collect and record the following information each day for this emissions unit:

a. The total amount of trim produced from the air screen (baghouse) and the cyclone system, in pounds per day;

b. The total number of hours the air screen unit was in operation; and

c. The average hourly amount of trim produced from the air screen (baghouse) and the cyclone system, i.e., (a)/(b), in pounds per hour.

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

2. The permittee shall collect and record the following information on a monthly basis:

a. The total combined amount of trim produced from the air screen (baghouse) system and the cyclone system, in pounds; and

b. The updated rolling 12-month summation of the amount of trim produced from the air screen (baghouse) system and the cyclone system combined, in pounds. This shall include the information for the current month and the preceding eleven calendar 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)

3. The permittee shall properly install, operate and maintain equipment to monitor the fabric filter for broken or leaking fabric while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record any monitoring instrument responses of seventy percent of the instrument span or greater and any observed fabric breaks and/or leaks in the fabric filter. The permittee shall record the date, time, reason and corrective action(s) taken for each time period of emission unit and control equipment malfunctions and/or monitoring instrument response greater than or equal to seventy percent of the instrument span. The total down time of the monitoring instrument while the airscreen unit was on line shall also be included in the recordkeeping.

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

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify each monthly record which shows an exceedance of the rolling, 12-month trim production limitation for the combined trim cyclones and air screen system.

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

2. The permittee shall submit quarterly air screen (baghouse) monitoring reports that identify any exceedances of the seventy percent instrument span limitation in term A.III.3 or any observed bag breaks or leaks. If there were no exceedances and broken bags or leaks during the quarter, the permittee shall submit a statement stating so in the report.

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

3. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the trim production limitation in term A.II.2.

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

4. The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii of this permit.

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

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 Visible Particulate Emission Limitations:
As specified in Section A.I.1.

Applicable Compliance Method:
If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

(Authority for term: OAC rule 3745-17-07(A))

V. Testing Requirements (continued)

1.b PE and PM10 Hourly Emission Limitations:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be demonstrated by multiplying the hourly amount of trim produced, from term and condition A.III.1.c, by the permittee-supplied emission factor of 1.69 lbs of PE/PM10 per ton of trim produced, and dividing by 1 ton/2000 lbs. This emission factor is based on worst case source testing conducted from February 23-27, 1998 as found in the PTI modification application 14-04395 received September 29, 1999 for this emissions unit.

Should additional testing be required to demonstrate compliance with the PE and PM10 emission limits, Method 5 of 40 CFR Part 60, Appendix A, shall be used for PE, and Method 201 or 201A for PM10 emissions.

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

1.c PE and PM10 Annual Emission Limitations:
As specified in Section A.I.1.

Applicable Compliance Method:
Compliance shall be demonstrated by multiplying the total 12-month summation of trim produced, from term A.III.2, by the emission factor of 1.69 lbs of PE/PM10 per ton of trim produced, and dividing by 1 ton/2000 lbs. This emission factor is based on worst case source testing conducted from February 23-27, 1998 as found in the PTI modification application 14-04395 received September 29, 1999 for this emissions unit.

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

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12011 (P012)

Activity Description: NO. 2 Paper Machine (Previously Z003)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
No. 2 Paper Machine - Stock Preparation and Papermaking	OAC rule 3745-21-07(G)(2)	Exempt. See terms and conditions A.I.2.a and A.II.1.

2. Additional Terms and Conditions

2.a This emissions unit does not employ, apply, evaporate or dry any photochemically reactive material (PRM), or any substance containing such PRM. Therefore, there are no applicable emission limitations from OAC rule 3745-21-07(G)(2).

(Authority for term: OAC rule 3745-21-07(G))

II. Operational Restrictions

1. The permittee shall not employ any photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit.

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

III. Monitoring and/or Record Keeping Requirements

1. For each day a photochemically reactive material is employed, the permittee shall maintain a record of the type and quantity of such materials employed in this emissions unit.

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

IV. Reporting Requirements

1. The permittee shall submit deviation reports that identify the days during which photochemically reactive materials were employed in this emissions unit. Each report shall identify the cause for the use of the photochemically reactive material(s), and the estimated total quantity of material(s) emitted during each such day, in pounds. Each report shall be submitted to the Hamilton County Department of Environmental Services within 30 days of the deviation.

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

V. Testing Requirements

None

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12012 (P013)

Activity Description: NO. 3 Paper Machine (Previously Z007)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
No. 3 Paper Machine - Stock Preparation and Papermaking	OAC rule 3745-21-07(G)(2)	Exempt. See terms and conditions A.I.2.a and A.II.1.

2. Additional Terms and Conditions

2.a This emissions unit does not employ, apply, evaporate or dry any photochemically reactive material (PRM), or any substance containing such PRM. Therefore, there are no applicable emission limitations from OAC rule 3745-21-07(G)(2).

(Authority for term: OAC rule 3745-21-07(G))

II. Operational Restrictions

1. The permittee shall not employ any photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit.

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

III. Monitoring and/or Record Keeping Requirements

1. For each day a photochemically reactive material is employed, the permittee shall maintain a record of the type and quantity of such materials employed in this emissions unit.

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

IV. Reporting Requirements

1. The permittee shall submit deviation reports that identify the days during which photochemically reactive materials were employed in this emissions unit. Each report shall identify the cause for the use of the photochemically reactive material(s), and the estimated total quantity of material(s) emitted during each such day, in pounds. Each report shall be submitted to the Hamilton County Department of Environmental Services within 30 days of the deviation.

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

V. Testing Requirements

None

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12018 (P014)

Activity Description: NO. 9 Paper Machine (Previously Z011)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
No. 9 Paper Machine - Stock Preparation and Papermaking	OAC rule 3745-21-07(G)(2)	Exempt. See terms and conditions A.I.2.a and A.II.1.

2. Additional Terms and Conditions

2.a This emissions unit does not employ, apply, evaporate or dry any photochemically reactive material (PRM), or any substance containing such PRM. Therefore, there are no applicable emission limitations from OAC rule 3745-21-07(G)(2).

(Authority for term: OAC rule 3745-21-07(G))

II. Operational Restrictions

1. The permittee shall not employ any photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit.

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

III. Monitoring and/or Record Keeping Requirements

1. For each day a photochemically reactive material is employed, the permittee shall maintain a record of the type and quantity of such materials employed in this emissions unit.

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

IV. Reporting Requirements

1. The permittee shall submit deviation reports that identify the days during which photochemically reactive materials were employed in this emissions unit. Each report shall identify the cause for the use of the photochemically reactive material(s), and the estimated total quantity of material(s) emitted during each such day, in pounds. Each report shall be submitted to the Hamilton County Department of Environmental Services within 30 days of the deviation.

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

V. Testing Requirements

None

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12019 (P015)

Activity Description: NO. 10 Paper Machine (Previously Z012)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
No. 10 Paper Machine - Stock Preparation and Papermaking	OAC rule 3745-21-07(G)(2)	Exempt. See terms and conditions A.I.2.a and A.II.1.

2. Additional Terms and Conditions

2.a This emissions unit does not employ, apply, evaporate or dry any photochemically reactive material (PRM), or any substance containing such PRM. Therefore, there are no applicable emission limitations from OAC rule 3745-21-07(G)(2).

(Authority for term: OAC rule 3745-21-07(G))

II. Operational Restrictions

1. The permittee shall not employ any photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit.

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

III. Monitoring and/or Record Keeping Requirements

1. For each day a photochemically reactive material is employed, the permittee shall maintain a record of the type and quantity of such materials employed in this emissions unit.

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

IV. Reporting Requirements

1. The permittee shall submit deviation reports that identify the days during which photochemically reactive materials were employed in this emissions unit. Each report shall identify the cause for the use of the photochemically reactive material(s), and the estimated total quantity of material(s) emitted during each such day, in pounds. Each report shall be submitted to the Hamilton County Department of Environmental Services within 30 days of the deviation.

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

V. Testing Requirements

None

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12014 (P016)

Activity Description: NO. 2 Mill Trim System (Previously Z008)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
No. 2 Mill Trim System comprised of trim handling equipment including the trim conveyance system, trim recovery units (cyclones, airscreens, broke boxes), and emissions control equipment.	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as specified by rule.
	OAC rule 3745-17-11(B)(1) (Table I)	Particulate emissions (PE) shall not exceed 6.7 pounds per hour.* *The emission limitation outlined above is greater than the emissions unit's potential to emit (PTE). Therefore, no hourly record keeping is required to demonstrate compliance with this limitation. The uncontrolled mass rate of emissions is less than 10 pounds per hour; therefore, Figure II of OAC rule 3745-17-11(B)(1) is not applicable.

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The particulate emission limitation established pursuant to OAC rule 3745-17-11(B)(1), Table I, is based on the emissions unit's maximum process weight rate of 2.08 tons of paper scrap per hour.

(Authority for term: OAC rule 3745-77-07(A)(1) and OAC rule 3745-17-11(B)(1))

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

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 Visible Particulate Emission Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

(Authority for term: OAC rule 3745-17-07(A))

1.b Particulate Emission Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
The emission limitation specified above is greater than the emission unit's potential to emit. Compliance with the emissions limitation specified above may be demonstrated by multiplying the permittee-supplied particulate emissions factor of 1.69 pounds of particulate emissions per ton of paper trim by the maximum hourly paper trim processing rate of 2.08 tons per hour. The permittee-supplied emission factor is based on manufacturer test data from similar emissions unit P010 as found in PTI modification application 14-04395 received September 29, 1999.

If required, the permittee shall demonstrate with this emission limitation in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures specified in OAC rule 3745-17-03(B)(9).

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

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH19024 (P017)

Activity Description: Super Calender Complex Trim Air Separator (Previously Z006)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Super Calender Complex Trim Air Separator, including trim conveyance system and trim recovery units (cyclone, airscreens, broke boxes).	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as specified by rule.
	OAC rule 3745-17-11(B)(1) (Table I)	Particulate emissions (PE) shall not exceed 3.26 pounds per hour.* See term and condition A.II.1 *The emission limitation outlined above is greater than the emissions unit's potential to emit (PTE). Therefore, no hourly record keeping is required to demonstrate compliance with this limitation. The uncontrolled mass rate of emissions is less than 10 pounds per hour; therefore, Figure II of OAC rule 3745-17-11(B)(1) is not applicable.

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The particulate emission limitation established pursuant to OAC rule 3745-17-11(B)(1), Table I, is based on the emissions unit's maximum process weight rate of 0.71 tons of paper scrap per hour.

(Authority for term : OAC rule 3745-77-07(A)(1) and OAC rule 3745-17-11(B)(1))

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for this emissions unit:

(a) The total amount of material throughput, in tons; and

(b) The average hourly material throughput, in tons per hour.

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

IV. Reporting Requirements

1. The permittee shall notify Hamilton County Department of Environmental Services of any daily record showing that the hourly material throughput exceeded the stated maximum process weight rate contained in term and condition A.II.1. A copy of such record shall be sent to the Hamilton County Department of Environmental Services within 30 days after the exceedance occurs.

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 Visible Particulate Emission Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

(Authority for term: OAC rule 3745-17-07(A))

1.b Particulate Emission Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
The emission limitation specified above is greater than the emissions unit's potential to emit. Compliance with the emissions limitation specified above may be demonstrated by multiplying the permittee-supplied particulate emission factor of 1.69 pounds of particulate emissions per ton of paper trim by the maximum hourly paper trim processing rate of 0.71 tons per hour. The permittee-supplied emission factor is based on manufacturer test data from similar emissions unit P010 (adjusted for single cyclone) as found in PTI modification application 14-04395 received September 29, 1999.

If required, the permittee shall demonstrate with this emissions limitation in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures specified in OAC rule 3745-17-03(B)(9).

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

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH12017 (P018)

Activity Description: Coating Preparation (Previously Z010)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Coating Preparation	OAC rule 3745-21-07(G)(2)	Exempt. See terms and conditions A.I.2.a and A.II.1.

2. Additional Terms and Conditions

2.a This emissions unit does not employ, apply, evaporate or dry any photochemically reactive material (PRM), or any substance containing such PRM. Therefore, there are no applicable emission limitations from OAC rule 3745-21-07(G)(2).

(Authority for term: OAC rule 3745-21-07(G))

II. Operational Restrictions

1. The permittee shall not employ any photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit.

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

III. Monitoring and/or Record Keeping Requirements

1. For each day a photochemically reactive material is employed, the permittee shall maintain a record of the type and quantity of such materials employed in this emissions unit.

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

IV. Reporting Requirements

1. The permittee shall submit deviation reports that identify the days during which photochemically reactive materials were employed in this emissions unit. Each report shall identify the cause for the use of the photochemically reactive material(s), and the estimated total quantity of material(s) emitted during each such day, in pounds. Each report shall be submitted to the Hamilton County Department of Environmental Services within 30 days of the deviation.

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

V. Testing Requirements

None

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: CH11006 (P019)

Activity Description: Ash Silo (Previously Z013)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Ash Silo Loading and Unloading, controlled by a fabric filter baghouse	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as specified by rule.
	OAC rule 3745-17-11(B)(1) (Table I)	Particulate emissions (PE) shall not exceed 6.76 pounds per hour.* *The emission limitation outlined above is greater than the emissions unit's potential to emit (PTE). Therefore, no hourly record keeping is required to demonstrate compliance with this limitation. The uncontrolled mass rate of emissions is less than 10 pounds per hour; therefore, Figure II of OAC rule 3745-17-11(B)(1) is not applicable.

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The particulate emission limitation established pursuant to OAC rule 3745-17-11(B)(1), Table I, is based on the emissions unit's maximum process weight rate of 2.11 tons of ash per hour.

(Authority for term: OAC rule 3745-77-07(A)(1) and OAC rule 3745-17-11(B)(1))

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

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 Visible Particulate Emission Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

(Authority for term: OAC rule 3745-17-07(A))

1.b Particulate Emission Limitation:
As specified in Section A.I.1.

Applicable Compliance Method:
The emission limitation specified above is greater than the emissions unit's potential to emit. Compliance with the emission limitation specified above may be demonstrated by multiplying the US EPA AP-42 Table 11.17-4 uncontrolled particulate emissions factor of 2.2 pounds of particulate emissions per ton of material (ash) by the maximum hourly process rate of 2.11 tons ash per hour, then multipling the uncontrolled mass emissions rate by (1.00 - 0.98), or 0.02, based on the baghouse manufacturer's estimated control efficiency of 98 percent.

If required, the permittee shall demonstrate with this emission limitation in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures specified in OAC rule 3745-17-03(B)(9).

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

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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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THIS IS THE LAST PAGE OF THE PERMIT

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Statement of Basis For Title V Permit

Part I - General	
Company Name	SMART Papers LLC
Premise Number	1409040212
What makes this facility a Title V facility?	SO2, NOx, CO, PE, HAP (HCl)
Has each insignificant emissions unit been reviewed to confirm it meets the definition in OAC rule 3745-77-01 (U)?	Yes
Were there any "common control" issues associated with this facility? If yes, provide a summary of those issues and explain how the DAPC decided to resolve them.	No
Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a minor permit modification per OAC rule 3745-77-08(C)(1)	N/A
Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a significant permit modification per OAC rule 3745-77-08(C)(3)	Emissions unit B020 PTI 14-03938 modification (relaxation of MRR), emissions unit K004 PTI 14-04176 modification (change to emission limitation, relaxation of MRR), emissions unit K005 PTI 14-04409 modification (change to emission limitation, relaxation of MRR), relaxation of MRR to various emission units(B010, F003, K001-K027, P009, P010, P012-P019) in Title V permit due to appeal and settlement (ERAC Case #095305), and change of emissions unit P901to insignificant.
Please identify the affected unit(s)and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a reopening per OAC rule 3745-77-08(D)	N/A
Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document resulting from a renewal per OAC rule 3745-77-08(E)	N/A

Part II (State and Federally Enforceable Requirements)			
Term and Condition (paragraph)	Basis		Comments
	SIP (3745-)	Other	
A.1.	77-07(F)(2)	N	Permittee requested inclusion of facility-wide negative declarations in the permit.
A.2.	N	40 CFR 61.145	Facility is subject to asbestos renovation and demolition activity requirements.
A.3.	N	40 CFR 82.150	Permittee is subject to class I or class II refrigerant handling and disposal requirements of 40 CFR Part 82.150.

C Instructions for Part II:

Each paragraph in Part II must be identified and the remainder of the table completed. If the SIP (not including 31-05) is the basis for the term and condition, identify the specific rule. If the SIP is not the basis for the term and condition, place an "N" in the column under "SIP." If the basis for the term and condition is something other than the SIP, including 3745-31-05, NSPS or MACT, a "Y" should be noted in the "Other" column, and if not, an "N" should be noted. Whether the basis for the term and condition is the "SIP" or "Other," an explanation of each term and condition in Part II must be provided in the "Comments" section.

Part III (Requirements Within the State and Federally Enforceable Section)															
Any unusual requirements or aspects of the terms and conditions in Part III that are not self-explanatory should be explained in the appropriate comment field or in a paragraph following the table for Part III.															
EU(s)	Limitation	Basis		ND	OR	M	St	ENF	R	St	Rp	St	ET	Misc	Comments
		SIP (3745-)	Other												
B010	Annual NOx Budget Allowance	14-05	N	N	N	Y	N	N	Y	N	Y	N	Y	N	B010 is a non-electrical generating emissions unit participating in the NOx Budget Trading Program under OAC Chapter 3745-14.
B010	20% opacity	17-07(A)	N	N	N	Y	N	N	Y	N	Y	N	N	N	ET: B010 has a certified COMS.
B010	0.11 lbs PE/mmBtu	17-10(C)	N	N	N	N	N	N	N	N	N	N	Y	N	M, R, Rp: Use of certified COMs and COMs excess emission reports as surrogate for compliance. PE testing required 2x per permit cycle.

EU(s)	Limitation	Basis		ND	OR	M	St	ENF	R	St	Rp	St	ET	Misc	Comments
		SIP (3745-)	Other												
B010	1.7 lbs SO2/ mmBtu	18-15(L)	N	N	Y	Y	N	N	Y	N	Y	N	N	N	OR: B010 and B020 are required to comply with a combined daily average operating rate to ensure compliance with SO2 emissions. ET: Compliance determined by record keeping of fuel analyses and sulfur content.
B010 and B020	Industrial Boiler MACT Subpart DDDDD	N	40 CFR 63	N	N	N	N	N	N	N	N	N	N	Y	M, R, Rp, ET, Misc: B010 and B020 will be subject to applicable requirements of 40 CFR 63 Subpart DDDDD on the 9/13/2007 compliance date.
B010 and B020	CAM	N	40 CFR 64	N	N	Y	N	N	Y	N	Y	N	N	N	ET: Not applicable to CAM based upon emissions units subject to 40 CFR 63 Subpart DDDDD. However, the requirements are not effective until 9/13/2007. In the mean time, B010 and B020 will employ certified COMs and ESP power indicators to comply with the requirements of 40 CFR 64.
B020	118 TPY PE	N	3745-31-05 (A)(3)	N	N	N	N	N	N	N	N	N	Y	N	M, R, Rp: Use of certified COMs and COMs excess emission reports as surrogate for compliance. PE testing required 2x per permit cycle.
B020	0.072 lb PM10/mm Btu and 77.2 TPY PM10	N	3745-31-05 (A)(3)	N	N	N	N	N	N	N	N	N	N	N	M, R, Rp, ET: Emission limitation(s) are based on the emissions unit's potential to emit.
B020	1854 TPY SO2	N	3745-31-05 (A)(3)	N	Y	Y	N	N	Y	N	Y	N	N	N	OR: B010 and B020 are required to comply with a combined daily average operating rate to ensure compliance with SO2 emissions. B020 has additional restrictions when co-firing with tire derived fuel. ET: Compliance determined by record keeping of fuel analyses and sulfur content.
B020	163.5 lbs NOx/hr and 716 TPY NOx	N	3745-31-05 (A)(3)	N	N	N	N	N	N	N	N	N	N	N	M, R, Rp, ET: Emission limitation(s) are based on the emissions unit's potential to emit.

EU(s)	Limitation	Basis		ND	OR	M	St	ENF	R	St	Rp	St	ET	Misc	Comments
		SIP (3745-)	Other												
B020	51.0 lbs CO/hr and 223 TPY CO	N	3745-31-05 (A)(3)	N	N	N	N	N	N	N	N	N	N	N	M, R, Rp, ET: Emission limitation(s) are based on the emissions unit's potential to emit.
B020	1.12 lbs NMOC/hr and 4.9 TPY NMOC	N	3745-31-05 (A)(3)	N	N	N	N	N	N	N	N	N	N	N	M, R, Rp, ET: Emission limitation(s) are based on the emissions unit's potential to emit.
B020	20% opacity	17-07(A)	N	N	N	Y	N	N	Y	N	Y	N	N	N	ET: B020 has a certified COMS.
B020	0.11 lb PE/mmBtu	17-10(C)	N	N	N	N	N	N	N	N	N	N	Y	N	M, R, Rp: Use of certified COMs and COMs excess emission reports as surrogate for compliance. PE testing required 2x per permit cycle.
B020	1.7 lbs SO2/ mmBtu	18-15(L)	N	N	Y	Y	N	N	Y	N	Y	N	N	N	OR: B010 and B020 are required to comply with a combined daily average operating rate to ensure compliance with SO2 emissions. B020 has additional restrictions when co-firing with tire derived fuel. ET: Compliance determined by record keeping of fuel analyses and sulfur content.
F003	20% opacity	17-07(B)	N	N	N	Y	N	N	Y	N	Y	N	N	N	ET: no visible emission testing unless a problem is identified by weekly monitoring
F003	use of RACM	17-08(B)	N	N	N	N	N	N	N	N	N	N	N	N	M, R, Rp, ET: Use of weekly monitoring for presence of VEs as surrogate for use of RACM. No visible emission testing unless a problem is identified by weekly monitoring.
K001 - K027	2.9 lbs VOC/gal coating content	21-09(F)	N	N	N	Y	N	N	Y	N	Y	N	Y	N	
K001 - K003, K008 - K027	0.2 kg organic HAP per kg coating solids	N	40 CFR 63 JJJJ	N	N	Y	N	N	Y	N	Y	N	N	N	ET: Compliance with emission limitation determined by monitoring and record keeping requirements of coatings used pursuant to Subpart JJJJ.

EU(s)	Limitation	Basis		ND	OR	M	St	ENF	R	St	Rp	St	ET	Misc	Comments
		SIP (3745-)	Other												
K004 - K007	0.2 kg organic HAP per kg coating solids	N	40 CFR 63 JJJJ	Y	N	N	N	N	N	N	N	N	N	N	ND: Paper making on-machine coating is exempt from Subpart JJJJ.
K004, K005	211 lbs VOC/hour	N	31-05 (A)(3)	N	N	N	N	N	N	N	N	N	N	N	M, R, Rp, ET: Emission limitation(s) are based on the emissions unit's potential to emit.
K004	16.25 TPY VOC	N	31-05 (A)(3)	N	Y	Y	N	N	Y	N	Y	N	N	N	ET: Compliance with emission limitation determined by monitoring and record keeping requirements.
K005	16.25 TPY VOC	N	31-05 (C)	N	Y	Y	N	N	Y	N	Y	N	N	N	ET: Compliance with emission limitation determined by monitoring and record keeping requirements.
P009	20% opacity	17-07(A)	N	N	N	Y	N	N	Y	N	Y	N	N	N	ET: No visible emission testing unless a problem is identified by the scrubber monitoring
P009	5.18 lbs PE/hr	17-11(B)	N	N	N	Y	N	N	Y	N	Y	N	N	N	ET: Not technically feasible to test this emissions unit. Compliance to be determined by monitoring and record keeping of scrubber performance.
P010	25.84 lbs PE/hr and 25.84 lbs PM10/hr	N	31-05 (A)(3)	N	Y	Y	N	N	Y	N	Y	N	N	N	OR: Maximum hourly trim production rate to ensure compliance with emission limitation ET: Emission limitation is based on worst case source test data. Compliance will be demonstrated by record keeping.
P010	20% opacity	17-07(A); 17-07(B)	N	N	N	Y	N	N	Y	N	Y	N	N	N	ET: No visible emission testing unless a problem is identified by the baghouse monitoring.
P010	Use of RACM	17-08(B)	N	N	N	Y	N	N	Y	N	Y	N	N	N	ET: Record keeping (baghouse) will demonstrate compliance with use of RACM.
P010	10.65 TPY PE and 10.65 TPY PM10	N	31-05 (C)	N	Y	Y	N	N	Y	N	Y	N	N	N	OR: Maximum annual trim production rate to ensure compliance with emission limitation. ET: Emission limitation is based on worst case source test data. Compliance will be demonstrated by record keeping.

EU(s)	Limitation	Basis		ND	OR	M	St	ENF	R	St	Rp	St	ET	Misc	Comments
		SIP (3745-)	Other												
P012 - P015, P018	None	21-07(G)(2)	N	N	Y	Y	N	N	Y	N	Y	N	N	N	OR: No photochemically reactive materials (PRM) shall be employed in these emissions units. ET: Compliance with no PRM usage demonstrated by record keeping.
P016, P017, P019	20% opacity	17-07(A)	N	N	N	Y	N	N	Y	N	Y	N	N	N	ET: No visible emission testing unless a problem is identified by the baghouse monitoring.
P016	6.7 lbs PE/hour	17-11(B)(1)	N	N	N	Y	N	N	Y	N	Y	N	N	N	ET: Emission limitation is less than the emissions unit's controlled potential to emit. No emission testing unless a problem is identified by the baghouse monitoring.
P017	3.26 lbs PE/hour	17-11(B)(1)	N	N	Y	Y	N	N	Y	N	Y	N	N	N	OR: Maximum process weight rate of emissions unit to ensure compliance with emission limitation. ET: Emission limitation is less than the emissions unit's controlled potential to emit. No emission testing unless a problem is identified by the baghouse monitoring.
P019	6.76 lbs PE/hour	17-11(B)(1)	N	N	N	Y	N	N	Y	N	Y	N	N	N	ET: Emission limitation is less than the emissions unit's controlled potential to emit. No emission testing unless a problem is identified by the baghouse monitoring.

EU = emissions unit ID
ND = negative declaration (i.e., term that indicates that a particular rule(s) is (are) not applicable to a specific emissions unit)
OR = operational restriction
M = monitoring requirements
St = streamlining term used to replace a PTI monitoring, record keeping, or reporting requirement with an equivalent or more stringent requirement
ENF = did noncompliance issues drive the monitoring requirements?
R = record keeping requirements
Rp = reporting requirements
ET = emission testing requirements (not including compliance method terms)
Misc = miscellaneous requirements

C Instructions for Part III:

C All non-insignificant EUs must be included in this table. For each EU, or group of similar EUs, each emission limitation and control requirement specified in section A.I.1 and A.I.2 of the permit must be identified and the remainder of the table completed.

C If the SIP (not including OAC rule 3745-31-05) is the basis for the term and condition, identify the specific rule. If the SIP is not the basis for the term and condition, place an "N" in the column under "SIP." If the basis for the term and condition is something other than the SIP, including OAC rule 3745-31-05, NSPS or MACT, a "Y" should be noted in the "Other" column, and if not, an "N" should be noted. If the basis for the term and condition is "Other," an explanation of the basis must be provided in the "Comments" section. If OAC rule 3745-31-05 is cited in the "Other" column, please indicate in the "Comments" section whether or not all of the requirements have been transferred from the permit to install.

- To complete the remainder of the table after "Basis," except for the "Comments" section, simply specify a "Y" for yes or an "N" for no. For the "M," "R," "Rp," and "ET" columns, if "N" is specified, there should be a brief explanation in the "Comments" section as to why there are no requirements. If a brief explanation is provided in the "Comments" section, please do not simply indicate that monitoring or testing requirements are not necessary. An explanation of why a requirement is not necessary should be specified.

  When periodic monitoring requirements are established to satisfy the provisions of OAC rule 3745-77-07(A)(3)(a)(ii), the basis for the requirements must be explained. Whenever Engineering Guides have been used to establish the periodic monitoring requirements, the applicable Engineering Guide may be referenced in the "Comments" section. An example that should be clarified would be the situation where it has been determined that control equipment parametric monitoring will be used to evaluate ongoing compliance in lieu of performing frequent emission tests. In this situation, Engineering Guide #65 would be referenced along with the fact that the parametric monitoring range (or minimum value) corresponded to the range (or minimum value) documented during the most recent emission tests that demonstrated that the emissions unit was in compliance. If streamlining language is included in the "Monitoring," "Record Keeping," or "Reporting" requirements sections of the permit, explain which requirements are being streamlined (mark appropriate column above) and provide a brief explanation of why the streamlined term is equal to or more stringent than the "Monitoring," "Record Keeping," or "Reporting" requirements specified in the permit to install. If Engineering Guide #16 was used as the basis for establishing an emission test frequency, a simple note referencing the Engineering Guide in the "Comments" section would be sufficient.

  Also, if a "Y" is noted under "OR," "Misc," "St," "ND," or "ENF" an explanation of the requirements must be provided in the "Comments" section. In addition to a general explanation of the "OR," "Misc," "St," "ND," and/or "ENF" the following must be provided:

  1. For an operational restriction, clarify if appropriate monitoring, record keeping, and reporting requirements have been specified for the operational restriction and indicate whether or not CAM is currently applicable.
  2. If a control plan and schedule is included in the "Miscellaneous Requirements" section of the permit, provide an explanation in the "Comments" section of the violation, basis for the violation, and the company's proposed control plan and schedule.
  3. If the "ND" column above is marked, please identify the particular rule(s) that is (are) not applicable to the specified emissions unit.
  2. If the "ENF" column above is marked, please provide a brief explanation of the noncompliance issue(s) which prompted the use of the specified monitoring requirement.

  An explanation is not required if an "N" is noted in the "OR," "Misc," "St," "ND," or "ENF" columns.

C Additional information for modifications - Several types of modifications, as defined by rule, may be processed concurrently. Please provide enough of a description for someone wishing to review the changes to the permit language to be able to identify where the change is made in the permit document. This brief description should be identified in the appropriate row in the first table of this form by replacing the "N/A" in the applicable row(s). Please also indicate if the modification is being initiated by an appeal by including the ERAC case number in the "Comments" area. Please update the term-specific text in the SOB as warranted (full insertion or replacement is acceptable; bold italic and strike out is not needed). Note all modification/reopening rows should remain "N/A" when developing the SOB during the initial permit development. Note: APA's and Off-permit changes do not need to be noted in the SOB.