Ohio Environmental Protection Agency

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

7/30/2010

Certified Mail

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

Mr. Joseph Bush
Solvay Advanced Polymers LLC
17005 State Route 7
Post Office Box 446
Marietta, OH 45750-0446

RE: DRAFT AIR POLLUTION PERMIT-TO-INSTALL
Facility ID: 0684020008
Permit Number: P0106578
Permit Type: Initial Installation
County: Washington

Dear Permit Holder:

A draft of the Ohio Administrative Code (OAC) Chapter 3745-31 Air Pollution Permit-to-Install for the referenced facility has been issued for the emissions unit(s) listed in the Authorization section of the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the permit. A public notice will appear in the Ohio EPA Weekly Review and the local newspaper, The Marietta Times. A copy of the public notice and the draft permit are enclosed. This permit can be accessed electronically on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Issued Air Pollution Control Permits" link. Comments will be accepted as a marked-up copy of the draft permit or in narrative format. Any comments must be sent to the following:

Andrew Hall
Permit Review/Development Section
Ohio EPA, DAPC
122 South Front Street
Columbus, Ohio 43215

and

Ohio EPA DAPC, Southeast District Office
2195 Front Street
Logan, OH 43138

Comments and/or a request for a public hearing will be accepted within 30 days of the date the notice is published in the newspaper. You will be notified in writing if a public hearing is scheduled. A decision on issuing a final permit-to-install will be made after consideration of comments received and oral testimony if a public hearing is conducted. Any permit fee that will be due upon issuance of a final Permit-to-Install is indicated in the Authorization section. Please do not submit any payment now. If you have any questions, please contact Ohio EPA DAPC, Southeast District Office at (740)385-8501.

Sincerely,

Michael W. Ahern

Michael W. Ahern, Manager
Permit Issuance and Data Management Section, DAPC

Cc: U.S. EPA Region 5 - *Via E-Mail Notification*
Ohio EPA-SEDO; Pennsylvania; West Virginia

Permit Strategy Write-Up

1. Check all that apply:

   _X_ Synthetic Minor Determination

   ___ Netting Determination

2. Source Description:
   Solvay Advanced Polymers is installing three 93.84 MMBTU/hr natural gas-fired boilers at their Marietta facility. These boilers will provide steam to both the Solvay plant and their neighbors, Americas Styrenics, until a more permanent solution to the steam supply issue has been worked out between the facilities on the former Union Carbide footprint. This project is in response to the shutdown of the AMP Gorsuch plant, which provided steam to these two facilities. The sources are subject to NSPS Subpart Dc and will be subject to MACT Subpart DDDDD when the final rule is promulgated.

3. Facility Emissions and Attainment Status:
   Solvay Polymers is located in Washington County, which is in attainment for all criteria pollutants, except for $PM_{2.5}$. The facility is considered a major stationary source for HAPS and is an existing major stationary source of VOC under the Prevention of Significant Deterioration regulations. (Solvay is one of the 28 categories that are subject to the 100 tpy significance level for PSD review.) The facility is considered a minor source of $PM_{2.5}$. The uncontrolled potential to emit of the pollutants for the project are 101.57 TPY CO,6.70 TPY VOC, 0.79 TPY SO_2, 60.44 TPY NO_x, and 9.2 TPY PE/PM_{10} The potential to emit of CO and NO_x for the project would trigger the significance levels for a modification at an existing major stationary source.

4. Source Emissions:

   The facility is requesting a synthetic minor limitation across all three boilers to limit the potential to emit of the three boilers to 39.6 tpy of NO_x and 66.53 tpy of CO. The facility would track the volume of gas consumed in the three boilers. The limit on the volume of gas burned in the three boilers would be 1,584 MMscf per rolling, 12-month period.

   Modeling is required to determine if the NO_x emissions would cause an ambient impact greater than or equal to the Ohio AII levels. Modeling demonstrated that there would be no impact on ambient air quality as a result of this project.

5. Conclusion:
   The operational, monitoring, recordkeeping, reporting, and testing requirements are sufficient to ensure compliance with the synthetic minor emission limitations established in this permit. The combined emissions from the three boilers are 66.53 tpy of CO, 39.60 tpy of NO_x, 6.02 tpy of PE/PM_{10}, 4.36 tpy of VOC, and 0.48 tpy of SO_2.

6. Please provide additional notes or comments as necessary:

   None

7. Total Permit Allowable Emissions Summary (for informational purposes only):

Pollutant	Tons Per Year
CO	66.53
NOx	39.60
PE/PM_{10}	6.02
VOC	4.36
SO_2	0.48

Washington County

PUBLIC NOTICE
Issuance of Draft Air Pollution Permit-To-Install
Solvay Advanced Polymers LLC

Issue Date: 7/30/2010
Permit Number: P0106578
Permit Type: Initial Installation
Permit Description: This is an initial PTI to install three 93.84 MMBTU/hr natural gas fired boilers for steam production.
Facility ID: 0684020008
Facility Location: Solvay Advanced Polymers LLC
17005 State Route 7, Post Office Box 446
Marietta, OH 45750
Facility Description: Plastics Material and Resin Manufacturing

Chris Korleski, Director of the Ohio Environmental Protection Agency, 50 West Town Street, Columbus Ohio, has issued a draft action of an air pollution control permit-to-install (PTI) for an air contaminant source at the location identified above on the date indicated. Installation of the air contaminant source may proceed upon final issuance of the PTI. Comments concerning this draft action, or a request for a public meeting, must be sent in writing no later than thirty (30) days from the date this notice is published. All comments, questions, requests for permit applications or other pertinent documentation, and correspondence concerning this action must be directed to Cara Cherry at Ohio EPA DAPC, Southeast District Office, 2195 Front Street, Logan, OH 43138 or (740)385-8501. The permit can be downloaded from the Web page: www.epa.ohio.gov/dapc

Ohio | Environmental Protection Agency

DRAFT

Division of Air Pollution Control
Permit-to-Install
for
Solvay Advanced Polymers LLC

Facility ID: 0684020008
Permit Number: P0106578
Permit Type: Initial Installation
Issued: 7/30/2010
Effective: To be entered upon final issuance

Ohio Environmental Protection Agency

Division of Air Pollution Control
Permit-to-Install
for
Solvay Advanced Polymers LLC

Table of Contents

Authorization 1
A. Standard Terms and Conditions 3
1. Federally Enforceable Standard Terms and Conditions 4
2. Severability Clause 4
3. General Requirements 4
4. Monitoring and Related Record Keeping and Reporting Requirements 5
5. Scheduled Maintenance/Malfunction Reporting 6
6. Compliance Requirements 6
7. Best Available Technology 7
8. Air Pollution Nuisance 7
9. Reporting Requirements 7
10. Applicability 8
11. Construction of New Sources(s) and Authorization to Install 8
12. Permit-To-Operate Application 9
13. Construction Compliance Certification 9
14. Public Disclosure 10
15. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations 10
16. Fees 10
17. Permit Transfers 10
18. Risk Management Plans 10
19. Title IV Provisions 10
B. Facility-Wide Terms and Conditions 11
C. Emissions Unit Terms and Conditions 13
1. Emissions Unit Group - Temporary Boilers: B012, B013, B014, ... 14

Authorization

Facility ID: 0684020008
Facility Description: Plastic materials.
Application Number(s): A0039818, A0039910
Permit Number: P0106578
Permit Description: This is an initial PTI to install three 93.84 MMBTU/hr natural gas fired boilers for steam production.
Permit Type: Initial Installation
Permit Fee: $1,200.00 *DO NOT send payment at this time, subject to change before final issuance*
Issue Date: 7/30/2010
Effective Date: To be entered upon final issuance

This document constitutes issuance to:

Solvay Advanced Polymers LLC
17005 State Route 7
Post Office Box 446
Marietta, OH 45750

of a Permit-to-Install for the emissions unit(s) identified on the following page.

Ohio EPA District Office or local air agency responsible for processing and administering your permit:

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

The above named entity is hereby granted a Permit-to-Install for the emissions unit(s) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski
Director

Authorization (continued)

Permit Number: P0106578
Permit Description: This is an initial PTI to install three 93.84 MMBTU/hr natural gas fired boilers for steam production.

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

Group Name: Temporary Boilers

Emissions Unit ID:	**B012**
Company Equipment ID:	Temporary Boiler #1
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**B013**
Company Equipment ID:	Temporary Boiler #2
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**B014**
Company Equipment ID:	Temporary Boiler #3
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable

A. Standard Terms and Conditions

1. Federally Enforceable Standard Terms and Conditions

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

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

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

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

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

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

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

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

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

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

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

2. Severability Clause

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

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

3. General Requirements

a) 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 re-issuance, or modification.

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

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

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

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

4. Monitoring and Related Record Keeping and Reporting Requirements

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

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

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

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

(4) The analytical techniques or methods used.

(5) The results of such analyses.

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

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

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

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

(2) Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the Ohio EPA DAPC, Southeast District Office. The written 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. See A.15. below if no deviations occurred during the quarter.

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

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

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

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset, of any emissions units or any associated air pollution control system(s) shall be reported to the Ohio EPA DAPC, Southeast District Office in accordance with paragraph (B) of OAC rule 3745-15-06. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to OAC rule 3745-15-06.
Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emission unit(s) that is (are) served by such control system(s).

6. Compliance Requirements

a) The emissions unit(s) identified in this Permit shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

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

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

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

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

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

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

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

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

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

7. Best Available Technology

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

8. Air Pollution Nuisance

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

9. Reporting Requirements

The permittee shall submit required reports in the following manner:

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

b) Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from state-only required emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the Ohio EPA DAPC, Southeast District Office. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (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.)

10. Applicability

This Permit-to-Install is applicable only to the emissions unit(s) identified in the Permit-to-Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

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

a) This permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. This permit does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the application and terms and conditions of this permit. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of this permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Issuance of this permit is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

b) If applicable, authorization to install any new emissions unit included in this permit shall terminate within eighteen months of the effective date of the permit if the owner or operator has not undertaken a continuing program of installation or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

c) The permittee may notify Ohio EPA of any emissions unit that is permanently shut down (i.e., the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31) by submitting a certification from the authorized official that identifies the date on which the emissions unit was permanently shut down. Authorization to operate the affected emissions unit shall cease upon the date certified by the authorized official that the emissions unit was permanently shut down. At a minimum, notification of permanent shut down shall be made or confirmed by marking the affected emissions unit(s) as "permanently shut down" in Ohio EPA's "Air Services" along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update will constitute notifying of the permanent shutdown of the affected emissions unit(s).

d) The provisions of this permit shall cease to be enforceable for each affected emissions unit after the date on which an emissions unit is permanently shut down (i.e., emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31). All records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law. All reports required by this permit must be submitted for any period an affected emissions unit operated prior to permanent shut down. At a minimum, the permit requirements must be evaluated as part of the reporting requirements identified in this permit covering the last period the emissions unit operated.

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

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

12. Permit-To-Operate Application

The permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77. The permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be <u>obtained before</u> the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

13. Construction Compliance Certification

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

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

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

14. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

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

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

16. Fees

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

17. Permit Transfers

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

18. Risk Management Plans

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

19. Title IV Provisions

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

B. Facility-Wide Terms and Conditions

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

   a) None.

2. The following emission units contained in this permit are subject to 40 CFR Part 60, Subpart Dc: B012, B013, and B014. The complete NSPS requirements, including the General Provisions may be accessed via the internet from the Electronic Code of Federal Regulations (e-CFR) website http://ecfr.gpoaccess.gov or by contacting the appropriate Ohio EPA District office or local air agency.

C. Emissions Unit Terms and Conditions

1. Emissions Unit Group - Temporary Boilers: B012, B013, B014,

EU ID	Operations, Property and/or Equipment Description
B012	Boiler #1- 93.84 MMBtu/hr Natural Gas Fired Boiler with a low NO_x burner
B013	Boiler #2- 93.84 MMBtu/hr Natural Gas Fired Boiler with a low NO_x burner
B014	Boiler #3- 93.84 MMBtu/hr Natural Gas Fired Boiler with a low NO_x burner

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

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	ORC 3704.03(T)	Carbon monoxide (CO) emissions shall not exceed 0.082 lb/MMBtu. Nitrogen oxides (NO_x) emissions shall not exceed 0.05 lb/MMBtu.
b.	OAC rule 3745-31-05(A)(3), as effective 11/30/01	Particulate emissions (PE/PM_{10}) shall not exceed 0.70 lb/hr and 3.06 tons per year. Sulfur dioxide (SO_2) emissions shall not exceed 0.06 lb/hr and 0.26 ton per year. Volatile organic compounds (VOC) emissions shall not exceed 0.51 lb/hr and 2.23 tons per year. See b)(2)a. below.
c.	OAC rule 3745-31-05(A)(3)(a)(ii), as effective 12/01/06	See b)(2)b. below.
d.	OAC rule 3745-17-07(A)(1)	Visible PE from any stack shall not exceed 20% opacity, as a six-minute average, except as provided by rule.
e.	OAC rule 3745-31-05(D) (Synthetic minor to avoid PSD review)	Emissions from B012, B013, and B014, combined, shall not exceed: 66.53 tons of CO per rolling, 12-month period; 39.60 tons of NO_x per rolling, 12-month

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		period; 6.02 tons of PE/PM_{10} per rolling, 12-month period; 4.36 tons of VOC per rolling, 12-month period; and, 0.48 ton of SO_2 per rolling, 12-month period. See c)(3).
f.	40 CFR Part 60 Subpart Dc (40 CFR 60.40c-48c) [In accordance with 40 CFR 60.40c this emissions unit is a steam generating unit for which construction commenced after June 9, 1989 and has a maximum design heat input capacity of 100 MMBtu/hr or less, but greater than or equal to 10 MMBtu/hr.]	Pursuant to 40 CFR 60.42c and 43c, SO_2 and PE emissions, respectively, are not specified for affected sources that combust only natural gas.
g.	40 CFR 60.1-19 (40 CFR 60.40c-48c)	Certain General Provisions in 40 CFR 60.1-19 apply.
h.	OAC rule 3745-17-10(B)(1)	PE shall not exceed 0.020 lb/MMBtu when using natural gas. This emission limitation is less stringent than the limitation listed under OAC rule 3745-31-05(A)(3), until such time as U.S. EPA approves the December 1, 2006, version of OAC rule 3745-31-05 as part of the State Implementation Plan.
i.	OAC rule 3745-110-03(B)	This emission limitation is less stringent than the limitation listed under ORC 3704.03(T).
j.	40 CFR 63.52(a)(2)	See b)(2)d.

(2) Additional Terms and Conditions

a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B.265 changes), such that BAT is no longer required by State regulations for NAAQS pollutants less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the

revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of 3745-31-05, then these emission limits/control measures no longer apply.

b. This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the SIP.

i. The BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the PE, SO_2, and VOC emissions from these air contaminant sources since the uncontrolled potential to emit for PE, SO_2, and VOC are less than ten tons per year.

c. The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rules 3745-21-07(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3).

d. This emissions unit is subject to a case-by-case MACT determination pursuant to section 112(j) of the Clean Air Act (CAA) due to the June 8, 2007 D.C. Circuit Court of Appeals decision to vacate the Boiler MACT (40 CFR Part 63, Subpart DDDDD).

If notified by the Ohio EPA or U.S. EPA, the permittee shall submit an application for a revision to the Title V permit that meets the requirements of 40 CFR 63.52(a)(2) pertaining to case-by-case MACT determinations. The 30-day clock for submittal of a 112(j) application does not begin until such notification is made by Ohio EPA or U.S. EPA.

c) Operational Restrictions

(1) The permittee shall burn only natural gas in this emissions unit.

(2) See 40 CFR Part 60, Subpart Dc (40 CFR 60.40c-48c).

(3) The maximum annual natural gas usage for emissions units B012, B013, and B014 combined, shall not exceed 1,584 million standard cubic feet (MMscf) per rolling, 12-month period. To ensure enforceability during the first 12 calendar months of operation, the permittee shall not exceed the natural gas usage specified in the following table:

Month	Maximum Allowable Cumulative Natural Gas Usage (MMscf)
1	205
1-2	410
1-3	616
1-4	821

1-5	1,027
1-6	1,232
1-7	1,437
1-8	1,584
1-9	1,584
1-10	1,584
1-11	1,584
1-12	1,584

After the first 12 calendar months of operation, compliance with the annual natural gas usage limitation shall be based upon a rolling, 12-month summation of the usage rates.

d) Monitoring and/or Recordkeeping Requirements

(1) See 40 CFR Part 60, Subpart Dc (40 CFR 60.40c-48c).

(2) The permittee shall maintain monthly records of the following information:

a. the total volume of natural gas (MMscf) burned in this emissions unit;

b. for the first 12 calendar months following the startup of the emissions units, the cumulative volume of gas (in MMscf) used in emissions units B012, B013, and B014 shall be calculated by adding the current month's volume of gas for all three emissions units to the volume of gas used for each calendar month since the start up of emissions units B012, B013, and B014; and,

c. beginning after the first 12 calendar months following the start up of emissions units B012, B013, and B014, the rolling 12-month summation of natural gas usage (in MMscf) for all three emissions units shall be calculated by adding the current month's natural gas usage to the natural gas usage for the preceding eleven calendar months.

e) Reporting Requirements

(1) See 40 CFR Part 60, Subpart Dc (40 CFR 60.40c-48c).

(2) The permittee shall submit deviation (excursion) reports that identify all exceedances of the rolling, 12-month natural gas usage limitation and, for the first 12 calendar months of operation, all exceedances of the maximum allowable cumulative natural gas usage limitations.

f) Testing Requirements

(1) Compliance with the emission limitations in b)(1) shall be determined in accordance with the following methods:

a. Emissions Limitations:

Particulate emissions (PE/PM_{10}) shall not exceed 0.70 lb/hr and 3.06 tons per year.

Applicable Compliance Methods:

The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.4, Table 1.4-2 (7/98). Compliance with the hourly emission limitation may be demonstrated by multiplying the 7.6 lb PE/MMscf value by the maximum heat input capacity of the emissions unit of 92,000 cf/hr, then dividing by 1,000,000cf/MMscf.

Compliance with the annual emission limitation may be demonstrated by multiplying 0.70 lb/hr by 8,760 hr/yr, and then dividing by 2,000 lbs/ton.

If required, the permittee shall demonstrate compliance with the lb/hr emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1- 5 for PE; and/or, 40 CFR Part 51, Appendix M, Methods 201/201A, and 202, for PM_{10}.

b. Emissions Limitations:

Sulfur dioxide (SO_2) emissions shall not exceed 0.06 lb/hr and 0.26 ton per year.

Applicable Compliance Methods:
The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.4, Table 1.4-2 (7/98). Compliance with the hourly emission limitation may be demonstrated by multiplying the 0.6 lb SO_2/MMscf value by the maximum heat input capacity of the emissions unit of 92,000 cf/hr, then dividing by 1,000,000cf/MMscf.

Compliance with the annual emission limitation may be demonstrated by multiplying 0.06 lb/hr by 8,760 hr/yr, and then dividing by 2,000 lbs/ton.

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

c. Emissions Limitations:

Volatile organic compounds (VOC) emissions shall not exceed 0.51 lb/hr and 2.23 tons per year.

Applicable Compliance Methods:

The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.4, Table 1.4-2 (7/98). Compliance with the hourly emission limitation may be demonstrated by multiplying the 5.5 lb VOC/MMscf value by the maximum heat

input capacity of the emissions unit of 92,000 cf/hr, then dividing by 1,000,000cf/MMscf.

Compliance with the annual emission limitation may be demonstrated by multiplying 0.51 lb/hr by 8,760 hr/yr, and then dividing by 2,000 lbs/ton.

If required, the permittee shall demonstrate compliance with the lb/hr emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1- 4, and 18, 25, or 25A.

d. Emissions Limitation:

Nitrogen oxides (NO_x) emissions shall not exceed 0.05 lb/MMBtu.

Applicable Compliance Methods:

The emission limitations were based upon the emission factor from AP-42,"Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.4, Table 1.4-1 (7/98). Compliance with the lb/MMBtu emission limitation may be determined by converting the 50 lbs NO_x/MMscf emission factor into lb NO_x/MMBtu by dividing by 1,020 Btu/scf, multiplying by 1,000,000 Btu/MMBtu, and then dividing by 1,000,000 scf/MMscf.

The permittee shall demonstrate compliance with the lb/MMBtu emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1-4, and 7, and the requirements of OAC rule 3745-110-05. See f)(2).

e. Emissions Limitation:

Carbon monoxide (CO) emissions shall not exceed 0.082 lb/MMBtu.

Applicable Compliance Methods:

The emissions limitation was based upon the emission factor from AP-42,"Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.4, Table 1.4-1 (7/98). Compliance with the lb/MMBtu emission limitation may be determined by converting the 84 lbs CO/MMscf emission factor into lb CO/MMBtu by dividing by 1,020 Btu/scf, and multiplying by 1,000,000 Btu/MMBtu, and then dividing by 1,000,000 scf/MMscf.

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

f. Emissions Limitation:

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

Applicable Compliance Method:

If required, visible particulate emissions shall be determined according to USEPA Method 9.

g. Emissions Limitation:

PE/PM_{10} emissions from B012, B013, and B014, combined, shall not exceed 6.02 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the rolling, 12-month period limitation shall be based on the records required by d)(2) and the following equation:

(7.6 lb PE/PM_{10}/MMscf)(actual rolling, 12-month summation of volume of gas used in B012, B013, and B014, in MMscf)/(0.0005 tons/lb) = tons per rolling, 12-month period

h. Emissions Limitation:

SO_2 emissions from B012, B013, and B014, combined, shall not exceed 0.48 ton per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the rolling, 12-month period limitation shall be based on the records required by d)(2) and the following equation:

(0.6 lb SO_2/MMscf)(actual rolling, 12-month summation of volume of gas used in B012, B013, and B014, in MMscf)/(0.0005 tons/lb) = ton per rolling, 12-month period

i. Emissions Limitation:

VOC emissions from B012, B013, and B014, combined, shall not exceed 4.36 tons per rolling, 12-month period.

Applicable Compliance Methods:

Compliance with the rolling, 12-month period limitation shall be based on the records required by d)(2) and the following equation:

(5.5 lb VOC/MMscf)(actual rolling, 12-month summation of volume of gas used in B012, B013, and B014, in MMscf)/(0.0005tons/lb) = TPY rolling, 12-month

j. Emissions Limitation:

NO_x emissions from B012, B013, and B014, combined, shall not exceed 39.60 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the rolling, 12-month period limitation shall be based on the records required by d)(2) and the following equation:

(50 lb NO_x/MMscf)(actual rolling, 12-month summation of volume of gas used in B012, B013, and B014, in MMscf)/(0.0005 tons/lb) = tons per rolling, 12-month period

n. Emissions Limitation:

CO emissions from B012, B013, and B014, combined, shall not exceed 66.53 ton per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the rolling, 12-month period limitation shall be based on the records required by d)(2) and the following equation:

(84 lb CO/MMscf)(actual rolling, 12-month summation of volume of gas used in B012, B013, and B014, in MMscf)/(0.0005 tons/lb) = tons per rolling, 12-month period

o. Emissions Limitation:

PE shall not exceed 0.020 lb/MMBtu when using natural gas.

Applicable Compliance Method:

If required, particulate emissions shall be determined according to test Methods 1 - 5, as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources", and the procedures specified in OAC rule 3745-17-03(B)(9). Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

(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 60 days after achieving the maximum production rate at which the emissions unit will be operated, but not later than 180 days after initial startup of the emissions unit.

b. The emission testing shall be conducted to demonstrate compliance with the nitrogen oxide emission limitation.

c. The following test methods shall be employed to demonstrate compliance with the nitrogen oxide emission limitation:

i. Method 1-4 of 40 CFR Part 60, Appendix A; and

ii. Method 7, 7A, 7C, 7D or 7E of 40 CFR Part 60, Appendix A.

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

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

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

f. Personnel from the appropriate Ohio EPA District Office or local air agency 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.

g. 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 appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.

g) Miscellaneous Requirements

(1) None.