

PUBLIC NOTICE

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

Draft Title V Permit Initial

Amylin Ohio LLC

8814 Trade Port Drive, , West Chester Twp., OH 45071

ID#: P0115670

Date of Action: 8/14/2015

PermitDesc: Initial Title V Operating Permit for pharmaceuticals manufacturing facility, including two production lines and boilers.

The permit and complete instructions for requesting information or submitting comments may be obtained at: <http://epa.ohio.gov/dapc/permitsonline.aspx> by entering the ID # or: Paul Tedtman, Southwest Ohio Air Quality Agency, 250 William Howard Taft Rd., Cincinnati, OH 45219. Ph: (513)946-7777



Statement of Basis For Air Pollution Title V Permit

Facility ID:	1409040987
Facility Name:	Amylin Ohio LLC
Facility Description:	Pharmaceuticals manufacturer
Facility Address:	8814 Trade Port Drive, West Chester Twp., OH 45071
Permit #:	P0115670, Initial

This facility is subject to Title V because it is major for:

Lead
 Sulfur Dioxide
 Carbon Monoxide
 Volatile Organic Compounds
 Nitrogen Oxides
 Particulate Matter ≤ 10 microns
 Single Hazardous Air Pollutant
 Combined Hazardous Air Pollutants
 Maximum Available Control Technology Standard(s)
 GHG
 Title IV

A. Standard Terms and Conditions

Has each insignificant emissions unit been reviewed to confirm it meets the definition in OAC rule 3745-77-01(U)?	Yes. The insignificant emissions units (IEUs) that have applicable state and/or federally-enforceable requirements are included in the terms and conditions in Section B. All other IEUs at this facility are excluded from the requirements to obtain installation or operating permits pursuant to OAC rules 3745-15-05 and 3745-31-03 and have no applicable federally enforceable requirements; therefore, these IEUs are not included in the terms and conditions of this permit pursuant to OAC rule 3745-77-07(A)(13).
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)	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 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
Please identify the affected unit(s) and pollutant(s) for which a Compliance Assurance Monitoring (CAM) Plan is required per 40 CFR 64. Provide more emissions unit specific detail in Section C.	N/A. Emissions units P001 and P007 are not subject to CAM requirements in 40 CFR Part 64 since 40 CFR Part 63, Subpart GGG applies to the sources and affected pollutant (VOC) [ref 64.2(b)(1)(i)].

B. Facility-Wide Terms and Conditions

Term and Condition (paragraph)	Basis		Comments
	SIP (3745-)	Other	
B.2.	77-07(A)(13)	N	Listing of insignificant emissions units that are subject to SIP-approved and/or federal regulations.
B.3.	N	3745-31-05(F)	Identification of US EPA Consent Order that applies to insignificant emissions units T001-T006.
B.4.	N	40 CFR Part 60, Subpart Dc	Clarifying and reference terms for rule applicability determination regarding emissions units contained in the permit subject to the New Source Performance Standards (NSPS).
B.5. and B.6.	N	40 CFR Part 63, Subparts GGG and DDDDD	Clarifying and reference terms for rule applicability determination regarding emissions units contained in the permit subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

C. Emissions Unit Terms and Conditions

Key: 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 ENF = did noncompliance issues drive the monitoring requirements?	R = record keeping requirements Rp = reporting requirements ET = emission testing requirements (not including compliance method terms) St = streamlining term used to replace a PTI monitoring, record keeping, or reporting requirement with an equivalent or more stringent requirement Misc = miscellaneous requirements
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Statement of Basis
 Amylin Ohio LLC
Permit Number: P0115670
Facility ID: 1409040987

EU(s)	Limitation	Basis		ND	OR	M	ENF	R	Rp	ET	St	Misc	Comments
		SIP (3745-)	Other										
B001	0.51 lb/MMBtu and 31.94 TPY SO2	N	OAC 3745-31-05(A)(3)	N	Y	Y	N	Y	Y	N	N	N	OR- Fuel oil sulfur content restriction to ensure compliance with emission limitation. ET- Compliance with emission limitation determined by monitoring and record keeping requirements which include fuel analyses. All requirements for this EU have been transferred from the PTI.
B001	0.14 lb/MMBtu and 8.95 TPY NOx	N	OAC 3745-31-05(A)(3)	N	N	N	N	N	N	N	N	N	M, R, Rp, ET - The pound per MMBtu and annual emission limitations for NOx are based on the emissions unit's potential to emit. If required, emission testing using Method 7 will be performed. All requirements for this EU have been transferred from the PTI.
B001	0.082 lb/MMBtu and 5.16 TPY CO	N	OAC 3745-31-05(A)(3)	N	N	N	N	N	N	N	N	N	M, R, Rp, ET - The pound per MMBtu and annual emission limitations for CO are based on the emissions unit's potential to emit. If required, emission testing using Method 10 will be performed. All requirements for this EU have been transferred from the PTI.
B001	0.011 lb/MMBtu and 0.68 TPY VOC	N	OAC 3745-31-05(A)(3)	N	N	N	N	N	N	N	N	N	M, R, Rp, ET - The pound per MMBtu and annual emission limitations for VOC are based on the emissions unit's potential to emit. If required, emission testing using Method 25 will be performed. All requirements for this EU have been transferred from the PTI.
B001	0.014 lb/MMBtu and 0.89 TPY PE.	N	OAC 3745-31-05(A)(3)	N	N	N	N	N	N	N	N	N	M, R, Rp, ET - The pound per MMBtu and annual emission limitations for PE are based on the emissions unit's potential to emit. If required, emission testing using Method 5 will be performed. All requirements for this EU have been transferred from the PTI.
B001	0.008 lb/MMBtu and	N	OAC 3745-31-05(A)(3)	N	N	N	N	N	N	N	N	N	M, R, Rp, ET - The pound per MMBtu and annual emission limitations for PM10 are based on the emissions unit's



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EU(s)	Limitation	Basis		ND	OR	M	ENF	R	Rp	ET	St	Misc	Comments
		SIP (3745-)	Other										
	0.49 TPY PM10												potential to emit. If required, emission testing using Method 201 will be performed. All requirements for this EU have been transferred from the PTI.
B001	10% opacity, as a 6-minute average, except for one 6-minute period per hour not to exceed 27% opacity	N	OAC 3745-31-05(A)(3)	N	N	Y	N	Y	Y	Y	N	N	All requirements for this EU have been transferred from the PTI.
B001	Fuel oil shall not exceed 0.5 weight percent sulfur	N	40 CFR Part 60, Subpart Dc	N	Y	Y	N	Y	Y	N	N	N	OR- Fuel oil sulfur content restriction to ensure compliance with emission limitation. ET- Compliance with emission limitation determined by monitoring and record keeping requirements which include fuel analyses.
B001, B002, B003, B004, B005, B007, B008	None	N	40 CFR 63, Subpart DDDDD	N	Y	Y	N	Y	Y	N	N	N	OR, ET - Federal rule contains operational restrictions (work practices) for these emissions units. Federal rule does not contain emission standards for gas-fired boilers; therefore no emission testing is required.
B002, B003, B004, B005	0.05 lb/MMBtu and 3.18 TPY SO2	N	OAC 3745-31-05(A)(3)	N	Y	Y	N	Y	Y	N	N	N	OR- Fuel oil sulfur content restriction to ensure compliance with emission limitation. ET- Compliance with emission limitation determined by monitoring and record keeping requirements which include fuel analyses. All requirements for this EU have been transferred from the PTI.



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EU(s)	Limitation	Basis		ND	OR	M	ENF	R	Rp	ET	St	Misc	Comments
		SIP (3745-)	Other										
B002, B003, B004, B005	0.014 lb/MMBtu and 0.89 TPY PE, PM10, and PM2.5.	N	OAC 3745-31-05(A)(3)	N	N	N	N	N	N	N	N	N	M, R, Rp, ET - The pound per MMBtu and annual emission limitations for PE, PM10, and PM2.5 are based on the emissions unit's potential to emit. If required, emission testing using US EPA Methods will be performed. All requirements for this EU have been transferred from the PTI.
B002, B003, B004, B005	0.14 lb/MMBtu and 8.94 TPY NOx	N	OAC 3745-31-05(A)(3)	N	N	N	N	N	N	N	N	N	M, R, Rp, ET - The pound per MMBtu and annual emission limitations for NOx are based on the emissions unit's potential to emit. If required, emission testing using Method 7 will be performed. All requirements for this EU have been transferred from the PTI.
B002, B003, B004, B005	0.08 lb/MMBtu and 5.26 TPY CO	N	OAC 3745-31-05(A)(3)	N	N	N	N	N	N	N	N	N	M, R, Rp, ET - The pound per MMBtu and annual emission limitations for CO are based on the emissions unit's potential to emit. If required, emission testing using Method 10 will be performed. All requirements for this EU have been transferred from the PTI.
B002, B003, B004, B005	0.005 lb/MMBtu and 0.34 TPY VOC	N	OAC 3745-31-05(A)(3)	N	N	N	N	N	N	N	N	N	M, R, Rp, ET - The pound per MMBtu and annual emission limitations for VOC are based on the emissions unit's potential to emit. If required, emission testing using Method 25 will be performed. All requirements for this EU have been transferred from the PTI.
B002, B003, B004, B005, B007, B008	Visible emissions shall not exceed 20% opacity as a 6-minute avg (natural gas combustion)	17-07(A)(1)	N	N	N	N	N	N	N	N	N	N	M, R, Rp, ET – Inherently clean fuel. Method 9 visible emissions observations will be conducted if necessary to demonstrate compliance.
B002, B003, B004,	Visible emissions shall not	N	40 CFR Part 60, Subpart Dc	N	N	Y	N	Y	Y	Y	N	N	



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EU(s)	Limitation	Basis		ND	OR	M	ENF	R	Rp	ET	St	Misc	Comments
		SIP (3745-)	Other										
B005, B007, B008	exceed 20% opacity as a 6-minute avg except for one 6-minute period per hour of not more than 27% opacity (fuel oil combustion)												
B002, B003, B004, B005, B007, B008	Fuel oil shall not exceed 0.05 weight percent sulfur	N	OAC 3745-31-05(E)	N	Y	Y	N	Y	Y	N	N	N	OR- Fuel oil sulfur content restriction to ensure compliance with emission limitation. ET- Compliance with emission limitation determined by monitoring and record keeping requirements which include fuel analyses. All requirements for this EU have been transferred from the PTI.
B002, B003, B004, B005, B007, B008	0.020 lb/MMBtu of PE	17-10(B)(1)	N	N	N	N	N	N	N	N	N	N	M, R, Rp, ET - The pound per MMBtu emission limitation for PE is greater than the emissions unit's potential to emit. If required, emission testing using US EPA Methods will be performed.
B007, B008	0.014 lb/MMBtu and 0.77 TPY PE, PM10, and PM2.5.	N	OAC 3745-31-05(A)(3)	N	N	N	N	N	N	N	N	N	M, R, Rp, ET - The pound per MMBtu and annual emission limitations for PE, PM10, and PM2.5 are based on the emissions unit's potential to emit. If required, emission testing using US EPA Methods will be performed. All requirements for this EU have been transferred from the PTI.
B007, B008	0.05 lb/MMBtu and 2.72 TPY SO2	N	OAC 3745-31-05(A)(3)	N	Y	Y	N	Y	Y	N	N	N	OR- Fuel oil sulfur content restriction to ensure compliance with emission limitation. ET- Compliance with emission limitation determined by monitoring and record keeping requirements which include fuel analyses.



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EU(s)	Limitation	Basis		ND	OR	M	ENF	R	Rp	ET	St	Misc	Comments
		SIP (3745-)	Other										
													All requirements for this EU have been transferred from the PTI.
B007, B008	0.14 lb/MMBtu and 7.67 TPY NOx	N	OAC 3745-31-05(A)(3)										M, R, Rp, ET - The pound per MMBtu and annual emission limitations for NOx are based on the emissions unit's potential to emit. If required, emission testing using Method 7 will be performed. All requirements for this EU have been transferred from the PTI.
B007, B008	0.08 lb/MMBtu and 4.62 TPY CO	N	OAC 3745-31-05(A)(3)										M, R, Rp, ET - The pound per MMBtu and annual emission limitations for CO are based on the emissions unit's potential to emit. If required, emission testing using Method 10 will be performed. All requirements for this EU have been transferred from the PTI.
B007, B008	0.005 lb/MMBtu and 0.3 TPY VOC	N	OAC 3745-31-05(A)(3)										M, R, Rp, ET - The pound per MMBtu and annual emission limitations for VOC are based on the emissions unit's potential to emit. If required, emission testing using Method 25 will be performed. All requirements for this EU have been transferred from the PTI.
P001	PE and PM10 emissions shall not exceed 0.26 ton/month averaged over a 12-month rolling period.	N	OAC 3745-31-05(A)(3)	N	N	N	N	N	N	N	N	N	M, R, Rp, ET - The emission limitations for PE and PM10 are based on the emissions unit's potential to emit. If required, emission testing using US EPA Methods will be performed. All requirements for this EU have been transferred from the PTI.
P001	OC stack emissions shall not exceed 91.2	N	OAC 3745-31-05(A)(3)	N	N	N	N	N	N	N	N	N	M, R, Rp, ET - The emission limitations for OC are based on the emissions unit's potential to emit. If required, emission testing using Method 25 will be performed. All requirements for this EU have been transferred from the



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 Amylin Ohio LLC
 Permit Number: P0115670
 Facility ID: 1409040987

EU(s)	Limitation	Basis		ND	OR	M	ENF	R	Rp	ET	St	Misc	Comments
		SIP (3745-)	Other										
	lbs/month averaged over a 12-month rolling period.												PTI.
P001	OC fugitive emissions shall not exceed 0.58 ton/month averaged over a 12-month rolling period.	N	OAC 3745-31-05(A)(3)	N	N	N	N	N	N	N	N	N	M, R, Rp, ET - The emission limitations for OC are based on the emissions unit's potential to emit. If required, emission testing using Method 25 will be performed. All requirements for this EU have been transferred from the PTI.
P001, P007	Visible emissions shall not exceed 20% opacity as a 6-minute avg	17-07(A)(1)	N	N	N	Y	N	Y	Y	N	N	N	ET – Method 9 visible emissions observations will be conducted if necessary to demonstrate compliance.
P001	PE shall not exceed 0.70 lb/hour	17-11(B)	N	N	N	N	N	N	N	N	N	N	ET – Method 5 emission testing will be conducted if necessary to demonstrate compliance.
P007	PE shall not exceed 0.74 lb/hour	17-11(B)	N	N	N	N	N	N	N	N	N	N	ET – Method 5 emission testing will be conducted if necessary to demonstrate compliance.
P007	PE shall not exceed 0.55 lb/hour and 2.41 TPY.	N	OAC 3745-31-05(A)(3)	N	N	N	N	N	N	N	N	N	M, R, Rp, ET - The emission limitations for PE are based on the emissions unit's potential to emit. If required, emission testing using US EPA Methods will be performed. All requirements for this EU have been transferred from the PTI.
P007	VOC emissions shall not exceed 2.90	N	OAC 3745-31-05(A)(3)	N	N	N	N	N	N	N	N	N	M, R, Rp, ET - The emission limitations for VOC are based on the emissions unit's potential to emit. If required, emission testing using US EPA Methods will be performed. All requirements for this EU have been transferred from the



Statement of Basis
 Amylin Ohio LLC
Permit Number: P0115670
Facility ID: 1409040987

EU(s)	Limitation	Basis		ND	OR	M	ENF	R	Rp	ET	St	Misc	Comments
		SIP (3745-)	Other										
	lbs/hour and 3.48 TPY.												PTI.
P001, P007, T007	Reduce organic HAP emissions by 98 percent	N	40 CFR Part 63, Subpart GGG OAC 3745-31-05(F)	N	Y	Y	N	Y	Y	Y	N	N	OR - Permit terms include operational and/or equipment leak requirements specified in the federal rule.
P001, P007	HAP emissions shall not exceed 900 kg in any 365 day period from other process vents	N	40 CFR Part 63, Subpart GGG	N	Y	Y	N	Y	Y	Y	N	N	OR - Permit terms include operational and/or equipment leak requirements specified in the federal rule.



DRAFT

**Division of Air Pollution Control
Title V Permit
for
Amylin Ohio LLC**

Facility ID:	1409040987
Permit Number:	P0115670
Permit Type:	Initial
Issued:	8/14/2015
Effective:	To be entered upon final issuance
Expiration:	To be entered upon final issuance



Division of Air Pollution Control
Title V Permit
for
Amylin Ohio LLC

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Draft Title V Permit
Amylin Ohio LLC
Permit Number: P0115670
Facility ID: 1409040987

Effective Date: To be entered upon final issuance

Authorization

Facility ID: 1409040987
Facility Description: Pharmaceuticals manufacturer
Application Number(s): A0048482
Permit Number: P0115670
Permit Description: Initial Title V Operating Permit for pharmaceuticals manufacturing facility, including two production lines and boilers
Permit Type: Initial
Issue Date: 8/14/2015
Effective Date: To be entered upon final issuance
Expiration Date: To be entered upon final issuance
Superseded Permit Number:

This document constitutes issuance of an OAC Chapter 3745-77 Title V permit to:

Amylin Ohio LLC
8814 Trade Port Drive
West Chester Twp., OH 45071

Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

Southwest Ohio Air Quality Agency
250 William Howard Taft Rd.
Cincinnati, OH 45219
(513)946-7777

The above named entity is hereby granted a Title V permit pursuant to Chapter 3745-77 of the Ohio Administrative Code. 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. You will be sent a notice approximately 18 months prior to the expiration date regarding the renewal of this permit. If you do not receive a notice, please contact the Southwest Ohio Air Quality Agency. 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, if a timely renewal application is submitted. A renewal application will be considered timely if it is submitted no earlier than 18 months and no later than 6 months prior to the expiration date.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Craig W. Butler
Director



Draft Title V Permit
Amylin Ohio LLC
Permit Number: P0115670
Facility ID: 1409040987
Effective Date: To be entered upon final issuance

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. 24., Reporting Requirements Related to Monitoring and Record Keeping Requirements of State-Only Enforceable Permit Terms and Conditions
 - (2) Standard Term and Condition A. 25., Records Retention Requirements for State-Only Enforceable Permit Terms and Conditions
 - (3) Standard Term and Condition A. 27., Scheduled Maintenance/Malfunction Reporting For State-Only Requirements
 - (4) Standard Term and Condition A. 29., Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations
 - (5) Standard Term and Condition A. 30.

(Authority for term: ORC 3704.036(A))

2. 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 C. Emissions Unit Terms and Conditions of this Title V permit), 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.

(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:
- (1) 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 by January 31, April 30, July 31, and October 31 of each year in accordance with Standard Term and Condition A.2.c)(2) 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) 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 submitted scheduled maintenancerequests, 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))

- (2) Except as may otherwise be provided in the terms and conditions for a specific emissions unit (i.e., in section C. Emissions Unit Terms and Conditions of this Title V permit or, in some cases, in section B. Facility-Wide Terms and Conditions 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 submitted promptly to the Southwest Ohio Air Quality Agency. Except as provided below, the written reports shall be submitted 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 Standard 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 Standard Term and Condition.

See A.29 below if no deviations occurred during the quarter.

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

- (3) 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 Standard Term and Condition A.2)c)(2) 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; Standard Terms and Conditions: A.3, A.4, A.5, A.7.e), A.8, A.13, A.15, A.19, A.20, A.21, and A.23 of this Title V permit, as well as any deviations from the requirements in section C. Emissions Unit Terms and Conditions of this Title V permit, and any monitoring, record keeping, and reporting requirements, which are not reported in accordance with Standard Term and Condition A.2.c)(2) above shall be submitted to the Southwest Ohio Air Quality 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 section B. Facility-Wide Terms and Conditions 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 Standard Term and Condition A.2.c)(2) 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))

- (4) 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." Signature by the Responsible Official may be represented by entry of the personal identification number (PIN) by the Responsible Official as part of the electronic submission process or by the scanned attestation document signed by the Responsible Official that is attached to the electronically submitted written report.

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

- (5) Consistent with A.2.c.1. above, reports of any required monitoring and/or record keeping information required to be submitted to Ohio EPA shall be submitted to Southwest Ohio Air Quality Agency unless otherwise specified.

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

3. Reporting of Any Exceedence of a Federally Enforceable Emission Limitation or Control Requirement Resulting From 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 Standard Term and Condition A.2.c)(1) above.

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

4. 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))

5. 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))

6. 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))

7. General Requirements

- a) Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and 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 except as provided pursuant to A.16 below.
- c) This permit may be modified, reopened, revoked, or revoked and reissued, for cause, in accordance with A.11 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 when:
 - (1) 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
 - (2) 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
 - (3) a combination of (1) and (2) above.

The permittee shall continue to comply with all applicable OAC Chapter 3745-31 requirements for all regulated air contaminant sources once this permit ceases to be enforceable. 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))

8. 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))

9. 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))

10. 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 standard terms and conditions shall apply to all operating scenarios authorized in this permit.

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

11. 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))

12. 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))

13. 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:
- (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 paragraph (E) of OAC rule 3745-77-03.
 - (3) Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
 - (4) As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.
- c) The permittee shall submit progress reports to the Southwest Ohio Air Quality 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:
- (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.
- 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 Southwest Ohio Air Quality Agency) and the Administrator of the U.S. EPA in the following manner and with the following content:
- (1) Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted on or before April 30th of each year during the permit term.
 - (2) Compliance certifications shall include the following:
 - a. Identification of each term or condition that is the basis of the certification. The identification may include a statement by the Responsible Official that every term and condition that is federally enforceable has been reviewed, and such terms and conditions with which there has been continuous compliance throughout the year are not separately identified.



- b. The permittee's current compliance status.
 - c. Whether compliance was continuous or intermittent consistent with A.13.d.2.a above.
 - d. The method(s) used for determining the compliance status of the source currently and over the required reporting period consistent with A.13.d.2.a above.
 - e. Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.
- (3) 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))

14. 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))

15. 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 Southwest Ohio Air Quality 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 Southwest Ohio Air Quality 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))

16. 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))

17. 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))

18. 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 Federal Register 8314, Feb. 24, 1997), in the context of any future proceeding.

(This term is provided for informational purposes only.)

19. Insignificant Activities or Emissions Levels

Each IEU that is subject to one or more applicable requirements shall comply with those applicable requirements.

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

20. 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))

21. 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))

22. 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.

Unless otherwise exempted, no emissions unit identified in this permit that has been 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)

23. 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 operating 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))

24. Reporting Requirements Related to Monitoring and Record Keeping Requirements Under State Law Only

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 Southwest Ohio Air Quality 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 Southwest Ohio Air Quality Agency. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, 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.)

25. Records Retention Requirements Under State Law Only

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.

26. 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.

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

27. Scheduled Maintenance/Malfunction Reporting For State-Only Requirements

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 Southwest Ohio Air Quality 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).

28. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The Southwest Ohio Air Quality Agency must be notified in writing of any transfer of this permit.

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

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

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 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 Standard Term and Condition A.2.c)(2); 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 potential to emit; or
- c) where the company's Responsible Official has certified that an emissions unit has been permanently shut down.



Draft Title V Permit
Amylin Ohio LLC
Permit Number: P0115670
Facility ID: 1409040987

Effective Date: To be entered upon final issuance

30. Submitting Documents Required by this Permit

All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the Southwest Ohio Air Quality Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the Responsible Official may be represented as provided through procedures established in Air Services.



Draft Title V Permit
Amylin Ohio LLC
Permit Number: P0115670
Facility ID: 1409040987

Effective Date: To be entered upon final issuance

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 insignificant emissions units at this facility must comply with all applicable State and federal regulations, as well as any emissions limitations and/or control requirements contained within the identified permit-to-install for the emissions unit. The insignificant emissions units listed below are subject to one or more applicable requirements contained in a permit-to-install or in the SIP approved versions of OAC Chapters 3745-17, 3745-18, 3745-21, and 3745-31, and/or 40 CFR Part 60 or 63:

P008 Pilot Plant

P009 Truck Loading and Unloading

P010 Fill Line No. 1

P011 Fill Line No. 2

T001 5,000 gallon Methylene Chloride Tank No. 1 [PTI #P0115376, issued 10/16/2013]

T002 5,000 gallon Methylene Chloride Tank No. 2 [PTI #P0115376, issued 10/16/2013]

T003 5,000 gallon Ethanol Tank No. 1 [PTI #P0115376, issued 10/16/2013]

T004 5,000 gallon Ethanol Tank No. 2 [PTI #P0115376, issued 10/16/2013]

T005 15,000 gallon Heptane Tank No. 1 [PTI #P0115376, issued 10/16/2013]

T006 15,000 gallon Heptane Tank No. 2 [PTI #P0115376, issued 10/16/2013]

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

3. The following emissions units contained in this permit must have their emissions controlled by a cryogenic condenser as required by Administrative Consent Order (ACO) EPA-5-13(a)-OH-2. This ACO states that the seven chemical storage tanks that hold materials used in the pharmaceutical lines at Amylin Ohio LLC must be controlled by the same type of cryogenic condenser as 40 CR 63, Subpart GGG requires for the process lines (P001 and P007):

T001 5,000 gallon Methylene Chloride Tank No. 1

T002 5,000 gallon Methylene Chloride Tank No. 2

T003 5,000 gallon Ethanol Tank No. 1

T004 5,000 gallon Ethanol Tank No. 2

T005 15,000 gallon Heptane Tank No. 1

T006 15,000 gallon Heptane Tank No. 2



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

4. The following emissions units contained in this permit are subject to 40 CFR Part 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units (NSPS): B001, B002, B003, B004, B005, B007, and B008. The complete NSPS requirements, including the NSPS 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.

The permittee shall comply with all applicable requirements of 40 CFR Part 60, Subpart Dc. The permittee shall also comply with all the applicable requirements of 40 CFR Part 60, Subpart A (General Provisions), as identified within 40 CFR Part 60, Subpart Dc.

(Authority for term: 40 CFR Part 60)

5. The following emissions units contained in this permit are subject to 40 CFR Part 63, Subparts A and DDDDD, National Emission Standards for Hazardous Air Pollutants (NESHAP) Industrial, Commercial, and Institutional Boilers and Process Heaters: B001, B002, B003, B004, B005, B007, and B008.

The complete NESHAP requirements, including the NESHAP 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.

(Authority for term: 40 CFR Part 63)

6. The following emissions units contained in this permit are subject to 40 CFR Part 63, Subparts A and GGG, National Emission Standards for Hazardous Air Pollutant Emissions: Pharmaceuticals Production: P001, P007, P008, P009, P010, P011, T001, T002, and T007.

The complete NESHAP requirements, including the NESHAP 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.

(Authority for term: 40 CFR Part 63)

7. The following abbreviations are used throughout this permit:

NO_x = Nitrogen oxides

CO = Carbon monoxide

OC = Organic compounds

VOC = Volatile organic compounds

PE = Particulate matter measurable by the applicable test methods in 40 CFR Part 60, Appendix A, "Standards of Performance for New Stationary Sources"

PM₁₀ = Particulate matter with an aerodynamic diameter less than or equal to a nominal ten micrometers as measured either by a reference method that is based on 40 CFR Part 50,



Appendix J and designated in accordance with 40 CFR Part 53 or by an equivalent method designated in accordance with 40 CFR Part 53

PM_{2.5} = Particulate matter with an aerodynamic diameter less than or equal to a nominal 2.5 micrometers as measured either by a reference method that is based on 40 CFR Part 50, Appendix L and designated in accordance with 40 CFR Part 53 or by an equivalent method designated in accordance with 40 CFR Part 53

SO₂ = Sulfur dioxide

HAP = Hazardous air pollutant

TPY = Ton(s) per year

MMBtu = million British thermal units

PTI = Permit to Install

CFR = Code of Federal Regulations

OAC = Ohio Administrative Code



Draft Title V Permit
Amylin Ohio LLC
Permit Number: P0115670
Facility ID: 1409040987

Effective Date: To be entered upon final issuance

C. Emissions Unit Terms and Conditions



1. B001, 14.3 MMBtu/hr Cleaver Brooks Boiler No. 3

Operations, Property and/or Equipment Description:

14.3 MMBtu/hr dual fuel Cleaver Brooks Boiler No. 3

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

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) [PTI P0109377, issued 2/16/2012]	SO ₂ emissions shall not exceed 0.51 lb/MMBtu and 31.94 TPY. NO _x emissions shall not exceed 0.14 lb/MMBtu and 8.95 TPY. CO emissions shall not exceed 0.082 lb/MMBtu and 5.16 TPY. VOC emissions shall not exceed 0.011 lb/MMBtu and 0.68 TPY. PE shall not exceed 0.014 lb/MMBtu and 0.89 TPY. PM ₁₀ emissions shall not exceed 0.008 lb/MMBtu and 0.49 TPY. Visible particulate emissions from any stack shall not exceed 10% opacity, as a six-minute average, except for one 6-minute period per hour of not more than 27% opacity.
b.	OAC rule 3745-17-07(A)(1)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
c.	OAC rule 3745-17-10(B)(1)	The emission limitation specified by this rule is less stringent than the emission



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		limitation established pursuant to OAC rule 3745-31-05(A)(3).
d.	40 CFR Part 60, Subpart Dc [40 CFR 60.40c – 60.48c] Standards of Performance (NSPS) for Small Industrial-Commercial- Institutional Steam Generating Units	See b)(2)c. and b)(2)d. When combusting oil, the visible emissions limitation specified by this rule for distillate fuel oil combustion is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
e.	OAC rule 3745-18-06(D)	When burning No. 2 fuel oil, the emissions limitation specified by this rule is less stringent than the emissions limitation established pursuant to OAC rule 3745-31-05(A)(3).
f.	40 CFR Part 63, Subpart DDDDD (40 CFR Part 63.7480-7575) National Emission Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers and Process Heaters [In accordance with 40 CFR 63.7499 and 63.7575, these emissions units are existing boilers in the subcategory of units designed to burn gas 1, with fuel oil usage for periodic testing and during periods of gas curtailment. The permittee shall comply with the emission limitations and operating limitations as specified in this section.]	Table 3 to 40 CFR Part 63, Subpart DDDDD – Work Practice Standards [40 CFR 63.7500]. See b)(2)e. and c)(3). Pursuant to 40 CFR 63.7495(b), the permittee shall comply with this subpart no later than January 31, 2016, except as provided in 63.6(i).
g.	40 CFR Part 63, Subpart A [40 CFR 63.1-15 and 40 CFR 63.7565]	Table 10 to 40 CFR Part 63, Subpart DDDDD – Applicability of General Provisions (Subpart A) to Subpart DDDDD shows which parts of the General Provisions in 40 CFR Part 63.1-15 apply.

(2) Additional Terms and Conditions

- a. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the use of natural gas or No. 2 fuel oil, a sulfur content limitation for No. 2 fuel oil, and the emission limitations listed in b)(1)a. above.



Effective Date: To be entered upon final issuance

- b. The lb/MMBtu actual heat input and tons per year emission limitations are based on the emissions unit’s potential to emit. Therefore, no monitoring, record keeping, or reporting requirements are necessary to ensure ongoing compliance with these emission limitations.
- c. The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency (U.S. EPA), 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency (Ohio EPA).
- d. The permittee shall not combust oil in this emissions unit that contains greater than 0.5 weight percent sulfur.
- e. Pursuant to the initial notification submitted by the permittee in accordance with 40 CFR 63.7545, the permittee has identified natural gas as the primary fuel with the capability to operate using fuel oil for testing, maintenance, and operator training (up to 48 hours per year), as well as during periods of gas curtailment or gas supply interruption of any duration. Therefore, this emissions unit falls under the unit designed to burn gas 1 subcategory as defined in 40 CFR 63.7575.

c) Operational Restrictions

- (1) The permittee shall burn only natural gas and/or No. 2 fuel oil in this emissions unit.
 (Authority for term: OAC rule 3745-77-07(A)(1) and OAC rule 3745-31-05(A)(3))
- (2) The quality of No. 2 fuel oil received for burning in this emissions unit shall have a combination of sulfur content and heat content sufficient to comply with the allowable sulfur dioxide emission limitation of 0.51 lb/MMBtu of actual heat input and the sulfur content limitation for No. 2 fuel oil of less than or equal to 0.5 weight percent sulfur.
 (Authority for term: OAC rule 3745-77-07(A)(1), OAC rule 3745-31-05(A)(3), and 40 CFR Part 60, Subpart Dc)
- (3) The permittee shall comply with the applicable work practices required under 40 CFR Part 63, Subpart DDDDD, including the following sections:

63.7500, 63.7515(d), 63.7540, and Table 3 to Subpart DDDDD	annual tune-up requirements
63.7500 and Table 3 to Subpart DDDDD	one-time energy assessment requirements
63.7500(a)(3)	general duty to minimize emissions

(Authority for term: OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart DDDDD)

d) **Monitoring and/or Recordkeeping Requirements**

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

a. **Alternative 1:**

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

b. **Alternative 2:**

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

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

(Authority for term: OAC rule3745-31-05(A)(3), OAC rule3745-18-04(E)(3), and OAC rule3745-77-07(C)(1))

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

a. The total volume of natural gas (mmft³) burned in this emissions unit.

- b. The total number of gallons of No. 2 fuel oil used in this emissions unit for each month.

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

- (3) The permittee shall comply with the applicable monitoring and recordkeeping requirements required under 40 CFR Part 60, Subpart Dc, including the following sections:

60.46c(e)	Fuel supplier certification(s) and statement(s) for oil
60.47c(c)	COMs exemption
60.47c(f)(3)	Site-specific opacity monitoring
60.48c(f)	Fuel supplier certification(s) and statement(s) for oil
60.48c(g)(1) or (2) or (3)	Fuel usage records
60.48c(i)	Records retention

(Authority for term: 40 CFR Part 60, Subpart Dc, OAC rule 3745-31-05(A)(3), and OAC rule 3745-77-07(C)(1))

- (4) The permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR Part 63, Subpart DDDDD, including the following sections:

63.7555	required overall records to be maintained
63.7560	record format and retention requirements

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart DDDDD)

- (5) Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following monitoring and record keeping requirements are as stringent as or more stringent than the monitoring and record keeping requirements contained in Permit to Install #P0109377, issued 2/16/2012:d)(1) - d)(4). The monitoring and record keeping requirements contained in the above-referenced Permit to Install are subsumed into the monitoring and record keeping requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying monitoring and record keeping requirements in the Permit to Install.

e) Reporting Requirements

- (1) The permittee shall notify the Director (the appropriate local air agency or District Office) in writing of any fuel burned in this emissions unit other than natural gas or No. 2 fuel oil.

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



- (2) The permittee shall notify the Director (the appropriate local air agency or District Office) in writing of any record which shows a deviation of the allowable sulfur dioxide emission limitation and/or sulfur content limitation based upon the record keeping requirements from d)(1) above.

(Authority for term: OAC rule3745-31-05(A)(3) and OAC rule3745-77-07(C)(1))

- (3) The notifications identified in e)(1) and e)(2) shall include a copy of such record and shall be sent to the Director (the appropriate local air agency or District Office) within 45 days after the deviation occurs.

(Authority for term: OAC rule3745-31-05(A)(3) and OAC rule3745-77-07(C)(1))

- (4) The permittee shall submit semi-annual reports and such other notifications and reports to the appropriate Ohio EPA District office or local air agency as are required pursuant to 40 CFR Part 60, Subpart Dc, per the following sections:

60.48c(b)	Initial and/or subsequent SO ₂ and opacity performance test reports
60.48c(c)	Opacity excess emissions report requirements
60.48c(d) - (e)	Compliance report requirements
60.48c(j)	Reporting period

(Authority for term: 40 CFR Part 60, Subpart Dc and OAC rule 3745-77-07(C)(1))

- (5) The permittee shall comply with the applicable reporting requirements required under 40 CFR Part 63, Subpart DDDDD, including the following sections:

63.7530(d)-(e) and 63.7545	Notification of Compliance Status requirements
63.7550 and Table 9 to Subpart DDDDD	Content and submission of compliance reports

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart DDDDD)

- (6) Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following reporting requirements are as stringent as or more stringent than the reporting requirements contained in Permit to Install #P0109377, issued 2/16/2012: e)(1) - e)(5). The reporting requirements contained in the above-referenced Permit to Install are subsumed into the reporting requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying reporting requirements in the Permit to Install.

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:



a. Emission Limitation:

Visible particulate emissions from any stack shall not exceed 10% opacity, as a six-minute average, except for one 6-minute period per hour of not more than 27% opacity.

Applicable Compliance Method:

If required when combusting natural gas, compliance shall be determined through visible emission observations performed in accordance with U. S. EPA Reference Method 9 in 40 CFR, Part 60, Appendix A.

When combusting fuel oil, compliance with the visible particulate emissions limitation shall be determined in accordance with the requirements of 40 CFR 60.45c and 60.47c as applicable.

(Authority for Term: OAC rule 3745-77-07(C)(1), OAC rule 3745-31-05(A)(3), and 40 CFR Part 60, Subpart Dc)

b. Emission Limitations:

NO_x emissions shall not exceed 0.14 lb/MMBtu of actual heat input and 8.95 TPY.

Applicable Compliance Method:

The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.3, Table 1.3-1 (9/98). Compliance with the lb/MMBtu emission limitation may be determined by converting the 20 lbs NO_x/10³ gal emission factor into lb NO_x/MMBtu by dividing by 140 MMBtu/10³ gal. Compliance with the annual emission limitation may be demonstrated by multiplying the lb NO_x/MMBtu value by the maximum rated heat input capacity of the emissions unit (in MMBtu/hr), then multiplying by 8760 hrs/yr and dividing by 2000 lbs/ton.

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

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

c. Emission Limitations:

VOC emissions shall not exceed 0.011 lb/MMBtu of actual heat input and 0.68 TPY.

Applicable Compliance Method:

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 lb/MMBtu emission limitation may be



determined by converting the 11 lbs TOC/10⁶scf emission factor into lb TOC/MMBtu by dividing by 1,020 Btu/scf. Compliance with the annual emission limitation may be demonstrated by multiplying the lb TOC/MMBtu value by the maximum rated heat input capacity of the emissions unit (in MMBtu/hr), then multiplying by 8760 hrs/yr and dividing by 2000 lbs/ton.

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

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

d. Emission Limitations:

SO₂ emissions shall not exceed 0.51 lb/MMBtu of actual heat input and 31.75 TPY.

Applicable Compliance Method:

The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.3, Table 1.3-1 (9/98). Compliance with the lb/MMBtu emission limitation shall be based upon the record keeping in d)(1). Compliance with the annual emission limitation shall be determined by multiplying the annual average lb SO₂/MMBtu value by the annual average heat content and the total gallons on No. 2 fuel oil burned, and then dividing by 2000 lbs/ton.

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

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

e. Emission Limitations:

PE shall not exceed 0.014 lb/MMBtu of actual heat input and 0.89 TPY.

Applicable Compliance Method:

The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.3, Table 1.3-1 (9/98). Compliance with the lb/MMBtu emission limitation may be determined by converting the 2 lbs PE/10³ gal emission factor into lbs PE/MMBtu by dividing by 140 MMBtu/10³ gal. Compliance with the annual emission limitation may be demonstrated by multiplying the lb PE/MMBtu value by the maximum rated heat input capacity of the emissions unit (in MMBtu/hr), then multiplying by 8760 hrs/yr and dividing by 2000 lbs/ton.



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

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

f. Emission Limitations:

PM₁₀ emissions shall not exceed 0.008 lb/MMBtu of actual heat input and 0.49 TPY.

Applicable Compliance Method:

The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.3, Table 1.3-7 (9/98). Compliance with the lb/MMBtu emission limitation may be determined by converting the 1.1 lbsPM₁₀/10³ gal emission factor into lbsPM₁₀/MMBtu by dividing by 140 MMBtu/10³ gal. Compliance with the annual emission limitation may be demonstrated by multiplying the lbPM₁₀/MMBtu value by the maximum rated heat input capacity of the emissions unit (in MMBtu/hr), then multiplying by 8760 hrs/yr and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance with the lb/MMBtu emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1- 4 and 201 or 201A.

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

g. Emission Limitations:

CO emissions shall not exceed 0.082 lb/MMBtu of actual heat input and 5.16 TPY.

Applicable Compliance Method:

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 84 lbs CO/10⁶scf emission factor into lb CO/MMBtu by dividing by 1,020 Btu/scf. Compliance with the annual emission limitation may be demonstrated by multiplying the lb CO/MMBtu value by the maximum rated heat input capacity of the emissions unit (in MMBtu/hr), then multiplying by 8760 hrs/yr and dividing by 2000 lbs/ton.

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

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

h. Emission Limitation:

The permittee shall not combust oil in this emissions unit that contains greater than 0.5 weight percent sulfur.

Applicable Compliance Method:

Continuous compliance with the allowable sulfur dioxide emission limitation shall be demonstrated by documenting that the sulfur content of each shipment of oil received, or each daily composite sample of the oil burned during each calendar day, meets the limitation as demonstrated by the recordkeeping requirement described in paragraph d)(1).

(Authority for term: OAC rule 3745-77-07(C)(1), OAC rule 3745-31-05(A)(3), and 40 CFR Part 60, Subpart Dc)

- (2) Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following testing requirements are as stringent as or more stringent than the testing requirements contained in Permit to Install #P0109377, issued 2/16/2012: f)(1)a. – f)(1)h. The testing requirements contained in the above-referenced Permit to Install are subsumed into the testing requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying testing requirements in the Permit to Install.

g) Miscellaneous Requirements

- (1) None.

2. P001, Production Line No. 1 (BLK 1)

Operations, Property and/or Equipment Description:

Production line No. 1 (Bulk Line 1)

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

(1) b)(1)b.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) June 30, 2008 [PTI P0116675, issued 6/11/2014]	PE and PM ₁₀ emissions shall not exceed 0.26 ton per month averaged over a twelve-month rolling period. OC stack emissions shall not exceed 91.2 pounds per month averaged over a twelve-month rolling period. Fugitive OC emissions shall not exceed 0.58 ton per month from pumps, valves, flanges and other fittings averaged over a twelve-month rolling period. See b)(2)a.
b.	OAC rule 3745-31-05(A)(3)(a)(ii) June 30, 2008	The Best Available Technology (BAT) requirements under 3745-31-05(A)(3) do not apply to PE and PM ₁₀ emissions from this air contaminant source since the potential to emit is less than 10 tons/year. The BAT requirements under 3745-31-05(A)(3) do not apply to OC emissions from this air contaminant source since the calculated annual emission rate is less than 10 tons/year taking into account the federally enforceable control efficiency and operating requirements in 40 CFR Part 63, Subpart GGG.



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		See b)(2)b.
c.	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack serving this emissions unit shall not exceed 20% opacity, as a six-minute average, except as specified by rule.
d.	OAC rule 3745-17-11(B)	PE shall not exceed 0.70 pound per hour.
e.	OAC rule 3745-31-05(F)	See b)(2)c.
f.	<p>40 CFR Part 63, Subpart GGG [40 CFR 63.1250 – 1261]</p> <p>National Emission Standards for Pharmaceuticals Production</p> <p>[In accordance with 40 CFR 63.1250 and 63.1251, this emissions unit and emissions unit P007 are defined as a single pharmaceutical manufacturing process unit (PMPU), dedicated to manufacturing a single product, that has a potential to emit 10 tons per year of any one HAP and was constructed after 4/2/1997 (new source). The permittee shall comply with the emission limitations and operating limitations as specified in this section.]</p>	<p>Uncontrolled HAP emissions from the sum of all process vents shall be reduced by 98 percent or greater by weight. [63.1254(b)(1)]</p> <p>The actual HAP emissions from the sum of all process vents not complying with 63.1254(b)(1) are limited to 900 kg in any 365-day period. [63.1254(b)(2)]</p> <p>See b)(2)d. and c)(1).</p>
g.	40 CFR Part 63, Subpart A [40 CFR 63.1-15 and 40 CFR 63.1250 – 1261]	Table 1 to Subpart GGG of 40 CFR Part 63 – Applicability of General Provisions to Subpart GGG, specifies the provisions of Subpart A that apply to owners and operators of affected facilities subject to Subpart GGG.

(2) Additional Terms and Conditions

- a. These Best Available Technology (BAT) emission limitations apply until U.S. EPA approves Ohio Administrative Code (OAC) paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) into the Ohio State Implementation Plan (SIP).
- b. These requirements apply once U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) as part of the Ohio SIP.
- c. The emissions from this unit shall be controlled by a cryogenic condenser that reduces the outlet organic HAP concentration by at least 98 percent by no later



than March 31, 2014 per Administrative Consent Order EPA-5-13-113(a)-OH-2, USEPA Region 5, July 17, 2013.

This control requirement is equivalent to, or more stringent than, the control requirements specified in 63.1256 of Subpart GGG. The permittee shall comply with all applicable requirements, including any less stringent requirements.

- d. The permittee shall comply with the applicable general requirements under 40 CFR Part 63, Subpart GGG, including the following sections:

63.1250(g)(1) – (3)	Subpart applicability
63.1252(a)	Safety devices
63.1252(b)	Closed-vent systems
63.1252(c)	Heat exchange systems

c) Operational Restrictions

- (1) The permittee shall comply with the applicable operational restrictions required under 40 CFR Part 63, Subpart GGG, including the following sections:

63.1255(a)(1) – (12)	General equipment leak requirements
63.1255(b)(1) – (4)	Applicable equipment leak provisions of 40 CFR Part 63, Subpart H
63.1255(c)	Equipment leak requirements for pumps and agitators
63.1255(e)	Equipment leak requirements for valves
63.1255(f)	Equipment leak requirements for unsafe to monitor, difficult to monitor, or inaccessible equipment

(Authority for term: OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart GGG)

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

- a. the color of the emissions;
- b. whether the emissions are representative of normal operations;



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

If visible emissions are present, a visible emissions incident has occurred. The observer does not have to document the exact start and end times for the visible emissions incident under item (d) above or continue the daily check until the incident has ended. The observer may indicate that the visible emissions 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.

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

- (2) The permittee shall collect and record the following information each day:
 - a. a log of the downtime for the capture (collection) system, condenser, and monitoring equipment when the associated emissions unit was in operation.

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

- (3) The permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR Part 63, Subpart GGG, including the following sections:

63.1255(b)(1) – (4)	Applicable equipment leak provisions of 40 CFR Part 63, Subpart H, including monitoring and inspection requirements
63.1255(c)	Equipment leak requirements for pumps and agitators, including monitoring and inspection requirements
63.1255(e)	Equipment leak requirements for valves including monitoring and record keeping requirements
63.1255(f)	Equipment leak requirements for unsafe to monitor, difficult to monitor, or inaccessible equipment, including monitoring, inspection, and written plan requirements
63.1255(g)(1)-(10)	Overall equipment leak identification and record keeping requirements
63.1256(a)(1) – (3)	General wastewater requirements
63.1256(a)(4)	Maintenance wastewater requirements

63.1256(d)	Containers
63.1256(e)	Individual drain systems
63.1258(a)	General monitoring requirements
63.1258(b)(1), (b)(1)(iii), (b)(2) – (3), and Table 4	Monitoring requirements for control devices (condensers)
63.1258(b)(6)-(8)	Exceedances of operating parameters, excursions, and violation provisions
63.1258(c)	Monitoring requirements for process vent emission limitation of 900 kg/year
63.1258(d)	Monitoring requirements for equipment leaks
63.1258(g) and Table 7	Inspection and monitoring requirements for waste management units
63.1258(h)	Leak inspection provisions
63.1259(a) and Table 1	Recordkeeping requirements, including Subpart A
63.1259(a)(1)	Data retention requirements
63.1259(a)(2)	Records of applicability determinations
63.1259(a)(3)	Malfunction recordkeeping requirements
63.1259(a)(4)	Recordkeeping requirements for continuous monitoring systems
63.1259(a)(5)	Applications for approval of construction and reconstruction
63.1259(b)	Records of equipment operation
63.1259(c)	Records of operating scenarios
63.1259(d)	Records of equipment leak detection and repair programs
63.1259(f)	Delay of repair records
63.1259(i)	Records of inspections

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart GGG)

- (4) Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following monitoring and record keeping requirements are as stringent as or more stringent than the monitoring and record keeping requirements contained in Permit to Install #P0116675, issued

6/11/2014:d)(1) - d)(3). The monitoring and record keeping requirements contained in the above-referenced Permit to Install are subsumed into the monitoring and record keeping requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying monitoring and record keeping requirements in the Permit to Install.

e) Reporting Requirements

(1) The permittee shall submit semiannual written reports that identify:

- a. all weeks during which any visible particulate emissions were observed from the stack serving this emissions unit; and
- b. any corrective actions taken to minimize or eliminate the visible particulate 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 period.

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

(2) The permittee shall submit summaries that include a log of the downtime for the capture (collection) system, condenser, and monitoring equipment, when the associated emissions unit was in operation. This reporting requirement may be satisfied by including this information in the semi-annual reports required pursuant to 40 CFR 60.1260(g) below.

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

(3) The permittee shall comply with the applicable reporting requirements required under 40 CFR Part 63, Subpart GGG, including the following sections:

63.1255(e)	Equipment leak requirements for valves including semiannual reporting
63.1255(h)(1) – (3)	Overall equipment leak reporting requirements including semiannual reporting
63.1260(a) and Table 1	Reporting requirements, including Subpart A
63.1260(b)	Initial notification
63.1260(c)	Applications for approval of construction and reconstruction
63.1260(f)	Notification of Compliance Status report
63.1260(g)	Periodic reporting requirements and content of reports



63.1260(h)	Notification of process change
63.1260(i)	Malfunction reports
63.1260(j)	Reports of LDAR programs
63.1260(n)(2)	Submission of reports to US EPA and Ohio EPA

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart GGG)

- (4) Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following reporting requirements are as stringent as or more stringent than the reporting requirements contained in Permit to Install #P0116675, issued 6/11/2014: e)(1) - e)(3). The reporting requirements contained in the above-referenced Permit to Install are subsumed into the reporting requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying reporting requirements in the Permit to Install.

f) **Testing Requirements**

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. **Emission Limitations:**

PE shall not exceed 0.70 pound per hour.

0.26 tons per month of PE/PM₁₀ averaged over a twelve-month rolling period.

Applicable Compliance Method:

The monthly PE/PM₁₀ emissions limit reflects the potential to emit at 8,760 hours per year based upon a maximum hourly emission rate of 0.70 pound per hour, determined in accordance with Table I in OAC rule 3745-17-11 and a process weight rate of 142.6 pounds per hour for the process, and converting the value to tons per month by multiplying by 1 ton/2000 pounds and dividing by twelve

If required, the permittee shall demonstrate compliance through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

All PE was assumed to be PM₁₀.

(Authority for term: OAC rule 3745-77-07(C)(1), OAC rule 3745-17-11(B), and OAC rule 3745-31-05(A)(3))

b. **Emission Limitations:**

91.2 pounds per month of OC stack emissions averaged over a twelve-month rolling period.



0.58 tons of OC fugitive emissions from pumps, valves, flanges and other fittings averaged over a twelve-month rolling period*

Applicable Compliance Method:

The OC emission limitations above represent the potential to emit and are based upon confidential production data, Emission Master process calculations, and the demonstrated control efficiency [see f)(1)d.] of the cryogenic condenser.

If required, the permittee shall demonstrate the accuracy of the uncontrolled pounds per batch OC emission factors through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25a.

*An additional 7 tons of fugitive OC emissions are released from pumps, valves, flanges and other fittings each year based on the Emission Master process calculations done at the Amylin facility in October of 2012, where 7 tons divided by 12 months = 0.58 tons per month.

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

c. Emission Limitation:

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

Applicable Compliance Method:

Compliance with the stack visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with U.S. EPA Method 9.

No Method 9 visible emissions observations are specifically required to demonstrate compliance with this emission limitation but, if appropriate, may be required pursuant to OAC rule 3745-15-04(A).

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

d. Control Requirement:

Cryogenic condenser that reduces the outlet organic HAP concentration by at least 98 per cent by no later than March 31, 2014 per Administrative Consent Order EPA-5-13-113(a)-OH-2, USEPA Region 5, July 17, 2013.

Applicable Compliance Method:

As required by the Administrative Consent Order, a design evaluation was conducted and submitted on 8/27/2013 for the cryogenic condensers pursuant to the requirements found in 63.1257(a)(1) and 63.1260(f)(2) demonstrating initial compliance with the required control efficiency. The permittee shall maintain



compliance with the control efficiency pursuant to the operational restrictions and monitoring requirements of 40 CFR Part 63, Subpart GGG.

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

- (2) The permittee shall comply with the applicable compliance and testing requirements required under 40 CFR Part 63, Subpart GGG, including the following sections:

63.1257(a) and (d)(1)-(4)	Initial compliance requirements, process vents
63.1257(a)(1) and (a)(1)(iii)	Design evaluation requirement
63.1257(a)(10)	Wastewater testing
63.1257(e)(1)	Determination of average annual concentration and annual load

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart GGG)

- (3) Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following testing requirements are as stringent as or more stringent than the testing requirements contained in Permit to Install #P0116675, issued 6/11/2014: f)(1) – f)(2). The testing requirements contained in the above-referenced Permit to Install are subsumed into the testing requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying testing requirements in the Permit to Install.

g) Miscellaneous Requirements

- (1) None.



3. P007, Production Line No. 2 (BLK 2)

Operations, Property and/or Equipment Description:

Production line No. 2 (Bulk Line 2)

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3), as effective 11/30/01 [PTI P0117673, issued 11/6/2014]	PE shall not exceed 0.55 pound per hour and 2.41 tons per year. VOC emissions shall not exceed 2.90 pounds per hour and 3.48 tons per year. See b)(2)a.
b.	OAC rule 3745-31-05(A)(3)(a)(ii), as effective 12/01/06	See b)(2)b.
c.	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack serving this emissions unit shall not exceed 20% opacity, as a six-minute average, except as specified by rule.
d.	OAC rule 3745-17-11(B)	PE shall not exceed 0.74 pound per hour.
e.	OAC rule 3745-31-05(F)	See b)(2)c.
f.	40 CFR Part 63, Subpart GGG [40 CFR 63.1250 – 1261] National Emission Standards for Pharmaceuticals Production [In accordance with 40 CFR 63.1250 and 63.1251, this emissions unit and emissions unit P001 are defined as a single pharmaceutical manufacturing process unit (PMPU), dedicated to manufacturing a single product, that	Uncontrolled HAP emissions from the sum of all process vents shall be reduced by 98 percent or greater by weight. [63.1254(b)(1)] The actual HAP emissions from the sum of all process vents not complying with 63.1254(b)(1) are limited to 900 kg in any 365-day period. [63.1254(b)(2)] See b)(2)d. and c)(1).



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	has a potential to emit 10 tons per year of any one HAP and was constructed after 4/2/1997 (new source). The permittee shall comply with the emission limitations and operating limitations as specified in this section.]	
g.	40 CFR Part 63, Subpart A [40 CFR 63.1-15 and 40 CFR 63.1250 – 1261]	Table 1 to Subpart GGG of 40 CFR Part 63 – Applicability of General Provisions to Subpart GGG, specifies the provisions of Subpart A that apply to owners and operators of affected facilities subject to Subpart GGG.

(2) Additional Terms and Conditions

- a. The permittee has satisfied the Best Available technology (BAT) requirements pursuant to OAC rule 745-31-05(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 the Ohio Revised Code (ORC) changes effective August 3, 2006 (Senate Bill 265 changes), such that BAT is no longer required by State regulations for National Ambient Air Quality Standards (NAAQS) pollutant(s) 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 OAC rule 3745-31-05, then these emission limitations/control measures no longer apply.

- b. This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-21-05 as part of the SIP.

The Best Available Technology (BAT) requirements under 3745-31-05(A)(3) do not apply to PE from this air contaminant source since the potential to emit is less than 10 tons/year. The BAT requirements under 3745-31-05(A)(3) do not apply to VOC emissions from this air contaminant source since the calculated annual emission rate is less than 10 tons/year taking into account the federally enforceable control efficiency and operating requirements in 40 CFR Part 63, Subpart GGG.

- c. The emissions from this unit shall be controlled by a cryogenic condenser that reduces the outlet organic HAP concentration by at least 98 percent by no later than March 31, 2014 per Administrative Consent Order EPA-5-13-113(a)-OH-2, USEPA Region 5, July 17, 2013.

This control requirement is equivalent to, or more stringent than, the control requirements specified in 63.1256 of Subpart GGG. The permittee shall comply with all applicable requirements, including any less stringent requirements.

- d. The permittee shall comply with the applicable general requirements under 40 CFR Part 63, Subpart GGG, including the following sections:

63.1250(g)(1) – (3)	Subpart applicability
63.1252(a)	Safety devices
63.1252(b)	Closed-vent systems
63.1252(c)	Heat exchange systems

c) Operational Restrictions

- (1) The permittee shall comply with the applicable operational restrictions required under 40 CFR Part 63, Subpart GGG, including the following sections:

63.1255(a)(1) – (12)	General equipment leak requirements
63.1255(b)(1) – (4)	Applicable equipment leak provisions of 40 CFR Part 63, Subpart H
63.1255(c)	Equipment leak requirements for pumps and agitators
63.1255(e)	Equipment leak requirements for valves
63.1255(f)	Equipment leak requirements for unsafe to monitor, difficult to monitor, or inaccessible equipment

(Authority for term: OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart GGG)

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

- a. the color of the emissions;
- b. whether the emissions are representative of normal operations;
- c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;

- d. the total duration of any visible emissions incident; and
- e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emissions incident has occurred. The observer does not have to document the exact start and end times for the visible emissions incident under item (d) above or continue the daily check until the incident has ended. The observer may indicate that the visible emissions 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.

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

- (2) The permittee shall collect and record the following information each day:
 - a. a log of the downtime for the capture (collection) system, condenser, and monitoring equipment when the associated emissions unit was in operation.

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

- (3) The permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR Part 63, Subpart GGG, including the following sections:

63.1255(b)(1) – (4)	Applicable equipment leak provisions of 40 CFR Part 63, Subpart H, including monitoring and inspection requirements
63.1255(c)	Equipment leak requirements for pumps and agitators, including monitoring and inspection requirements
63.1255(e)	Equipment leak requirements for valves including monitoring and record keeping requirements
63.1255(f)	Equipment leak requirements for unsafe to monitor, difficult to monitor, or inaccessible equipment, including monitoring, inspection, and written plan requirements
63.1255(g)(1)-(10)	Overall equipment leak identification and record keeping requirements
63.1256(a)(1) – (3)	General wastewater requirements
63.1256(a)(4)	Maintenance wastewater requirements
63.1256(d)	Containers

63.1256(e)	Individual drain systems
63.1258(a)	General monitoring requirements
63.1258(b)(1), (b)(1)(iii), (b)(2) – (3), and Table 4	Monitoring requirements for control devices (condensers)
63.1258(b)(6)-(8)	Exceedances of operating parameters, excursions, and violation provisions
63.1258(c)	Monitoring requirements for process vent emission limitation of 900 kg/year
63.1258(d)	Monitoring requirements for equipment leaks
63.1258(g) and Table 7	Inspection and monitoring requirements for waste management units
63.1258(h)	Leak inspection provisions
63.1259(a) and Table 1	Recordkeeping requirements, including Subpart A
63.1259(a)(1)	Data retention requirements
63.1259(a)(2)	Records of applicability determinations
63.1259(a)(3)	Malfunction recordkeeping requirements
63.1259(a)(4)	Recordkeeping requirements for continuous monitoring systems
63.1259(a)(5)	Applications for approval of construction and reconstruction
63.1259(b)	Records of equipment operation
63.1259(c)	Records of operating scenarios
63.1259(d)	Records of equipment leak detection and repair programs
63.1259(f)	Delay of repair records
63.1259(i)	Records of inspections

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart GGG)

- (4) Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following monitoring and record keeping requirements are as stringent as or more stringent than the monitoring and record keeping requirements contained in Permit to Install #P0117673, issued 11/6/2014:d(1) - d(3). The monitoring and record keeping requirements contained in the above-referenced Permit to Install are subsumed into the monitoring and record

keeping requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying monitoring and record keeping requirements in the Permit to Install.

e) Reporting Requirements

(1) The permittee shall submit semiannual written reports that identify:

- a. all weeks during which any visible particulate emissions were observed from the stack serving this emissions unit; and
- b. any corrective actions taken to minimize or eliminate the visible particulate 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 period.

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

(2) The permittee shall submit summaries that include a log of the downtime for the capture (collection) system, condenser, and monitoring equipment, when the associated emissions unit was in operation. This reporting requirement may be satisfied by including this information in the semi-annual reports required pursuant to 40 CFR 60.1260(g) below.

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

(3) The permittee shall comply with the applicable reporting requirements required under 40 CFR Part 63, Subpart GGG, including the following sections:

63.1255(e)	Equipment leak requirements for valves including semiannual reporting
63.1255(h)(1) – (3)	Overall equipment leak reporting requirements including semiannual reporting
63.1260(a) and Table 1	Reporting requirements, including Subpart A
63.1260(b)	Initial notification
63.1260(c)	Applications for approval of construction and reconstruction
63.1260(f)	Notification of Compliance Status report
63.1260(g)	Periodic reporting requirements and content of reports
63.1260(h)	Notification of process change



63.1260(i)	Malfunction reports
63.1260(j)	Reports of LDAR programs
63.1260(n)(2)	Submission of reports to US EPA and Ohio EPA

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart GGG)

- (4) Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following reporting requirements are as stringent as or more stringent than the reporting requirements contained in Permit to Install #P0117673, issued 11/6/2014: e)(1) - e)(3). The reporting requirements contained in the above-referenced Permit to Install are subsumed into the reporting requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying reporting requirements in the Permit to Install.

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:

PE shall not exceed 0.74 pound per hour.

Applicable Compliance Method:

The PE limit was determined in accordance with Table I in OAC rule 3745-17-11 and a process weight rate of 156 pounds per hour for the process.

If required, the permittee shall demonstrate compliance with the pound per hour PE limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-11(B))

b. Emission Limitations:

PE shall not exceed 0.55 pound per hour and 2.41 tons per year.

Applicable Compliance Method:

The emission limitations above are based upon the uncontrolled potential to emit of the emissions unit, operating 8,760 hours per year.

If required, the permittee shall demonstrate compliance through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

All PE was assumed to be PM₁₀.

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

c. Emission Limitations:

VOC emissions shall not exceed 2.90 pounds per hour and 3.48 tons per year.

Applicable Compliance Method:

The VOC emission limitations above represent the potential to emit and are based upon confidential production data, Emission Master process calculations, and the demonstrated control efficiency [see f)(1)e.] of the cryogenic condenser.

If required, the permittee shall demonstrate the accuracy of the uncontrolled pounds per batch VOC emission factors through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25a.

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

d. Emission Limitation:

Visible particulate emissions from any stack shall not exceed 20 percent opacity as a six-minute average, except as specified by rule.

Applicable Compliance Method:

Compliance with the stack visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with U.S. EPA Method 9.

No Method 9 visible emissions observations are specifically required to demonstrate compliance with this emission limitation but, if appropriate, may be required pursuant to OAC rule 3745-15-04(A).

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

e. Control Requirement:

Cryogenic condenser that reduces the outlet organic HAP concentration by at least 98 per cent by no later than March 31, 2014 per Administrative Consent Order EPA-5-13-113(a)-OH-2, USEPA Region 5, July 17, 2013.

Applicable Compliance Method:

As required by the Administrative Consent Order, a design evaluation was conducted and submitted on 8/27/2013 for the cryogenic condensers pursuant to the requirements found in 63.1257(a)(1) and 63.1260(f)(2) demonstrating initial compliance with the required control efficiency. The permittee shall maintain compliance with the control efficiency pursuant to the operational restrictions and monitoring requirements of 40 CFR Part 63, Subpart GGG.

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

- (2) The permittee shall comply with the applicable compliance and testing requirements required under 40 CFR Part 63, Subpart GGG, including the following sections:

63.1257(a) and (d)(1)-(4)	Initial compliance requirements, process vents
63.1257(a)(1) and (a)(1)(iii)	Design evaluation requirement
63.1257(a)(10)	Wastewater testing
63.1257(e)(1)	Determination of average annual concentration and annual load

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart GGG)

- (3) Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following testing requirements are as stringent as or more stringent than the testing requirements contained in Permit to Install #P0117673, issued 11/6/2014: f)(1) – f)(2). The testing requirements contained in the above-referenced Permit to Install are subsumed into the testing requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying testing requirements in the Permit to Install.

g) Miscellaneous Requirements

- (1) None.



4. T007, 15,000 gallon Solvent Waste Tank

Operations, Property and/or Equipment Description:

15,000 gallon Solvent Waste Tank, with emissions controlled by cryogenic condenser

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) [PTI P0115376, issued 10/16/2013]	Not applicable. See b)(2)a.
b.	OAC rule 3745-31-05(F)	See b)(2)b.
c.	40 CFR Part 63, Subpart GGG [40 CFR 63.1250 – 1261] National Emission Standards for Pharmaceuticals Production [In accordance with 40 CFR 63.1250 and 63.1251, this emissions unit is defined as a wastewater tank (waste management unit) located at a pharmaceutical manufacturing operation (new source). The permittee shall comply with the emission limitations and operating limitations as specified in this section.]	See b)(2)c., c)(1), and c)(2).
d.	40 CFR Part 63, Subpart A [40 CFR 63.1-15 and 40 CFR 63.1250 – 1261]	Table 1 to Subpart GGG of 40 CFR Part 63 – Applicability of General Provisions to Subpart GGG, specifies the provisions of Subpart A that apply to owners and operators of affected facilities subject to Subpart GGG.

(2) Additional Terms and Conditions

- a. Best Available Technology (BAT) requirements pursuant to OAC rule 3745-31-05(A)(3) do not apply because this emissions unit was installed before 40 CFR Part 63 Subpart GGG was applicable and because the emissions unit is exempt from permitting requirements per OAC 3745-31-03(A)(1) [Storage tanks for organic liquids with a capacity of less than 19,815 gallons equipped with submerged fill.].
- b. The emissions from this unit shall be controlled by a cryogenic condenser that reduces the outlet organic HAP concentration by at least 98 percent by no later than March 31, 2014 per Administrative Consent Order EPA-5-13-113(a)-OH-2, USEPA Region 5, July 17, 2013.

This control requirement is equivalent to, or more stringent than, the control requirements specified in 63.1256 of Subpart GGG. The permittee shall comply with all applicable requirements, including any less stringent requirements.

- c. The permittee shall comply with the applicable general requirements under 40 CFR Part 63, Subpart GGG, including the following sections:

63.1250(g)(1) – (3)	Subpart applicability
63.1252(a)	Safety devices
63.1252(b)	Closed-vent systems
63.1252(c)	Heat exchange systems

c) Operational Restrictions

- (1) The permittee shall comply with the applicable operational restrictions required under 40 CFR Part 63, Subpart GGG, including the following sections:

63.1250(h)(2) and Part 265 – Subpart BB	Instead of Equipment leak provisions in 63.1255 of Subpart GGG
63.1256(a)(1) – (3)	General wastewater requirements
63.1256(a)(4)	Maintenance wastewater requirements
63.1256(a)(5)	Offsite wastewater treatment requirements and certification
63.1256(b)(1) and Table 6	Control requirements – fixed roof

63.1256(d)	Containers
63.1256(e)	Individual drain systems
63.1256(g), (g)(2) and (g)(13)	Performance standards – new sources; Treatment in a RCRA unit option
63.1256(g)(5) and (h)(4) and (5)	Control device requirements
63.1256(g)(6) and (g)(14)	Residuals
63.1256(i)	Delay of repair requirements

(Authority for term: OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart GGG)

- (2) If the permittee places this emissions unit into service such that it meets the definition of a process tank as part of a pharmaceutical manufacturing process unit (PMPU), then the permittee shall comply with the applicable process vent standards and equipment leak standards in 40 CFR Part 63, Subpart GGG.

(Authority for term: OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart GGG)

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall collect and record the following information each day:
- a. a log of the downtime for the capture (collection) system, condenser, and monitoring equipment when the associated emissions unit was in operation.

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

- (2) The permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR Part 63, Subpart GGG, including the following sections:

63.1252(b)(1) or (b)(2), and Table 4	Closed-vent system monitoring requirements
63.1256(b)(7)-(9), 63.1258(g), and Table 7	Wastewater tank semi-annual inspection and repair requirements
63.1259(a) and Table 1	Recordkeeping requirements, including Subpart A
63.1259(a)(1)	Data retention requirements
63.1259(a)(2)	Records of applicability determinations

63.1259(a)(3)	Malfunction recordkeeping requirements
63.1259(a)(5)	Applications for approval of construction and reconstruction
63.1259(b)	Records of equipment operation
63.1259(f)	Delay of repair records
63.1259(g)	Records of wastewater stream or residual transfer
63.1259(i)	Records of inspections

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart GGG)

- (3) Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following monitoring and record keeping requirements are as stringent as or more stringent than the monitoring and record keeping requirements contained in Permit to Install #P0115376, issued 10/16/2013:d(1) - d(2). The monitoring and record keeping requirements contained in the above-referenced Permit to Install are subsumed into the monitoring and record keeping requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying monitoring and record keeping requirements in the Permit to Install.

e) Reporting Requirements

- (1) The permittee shall submit summaries that include a log of the downtime for the capture (collection) system, condenser, and monitoring equipment, when the associated emissions unit was in operation. This reporting requirement may be satisfied by including this information in the semi-annual reports required pursuant to 40 CFR 60.1260(g) below.

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

- (2) The permittee shall comply with the applicable reporting requirements required under 40 CFR Part 63, Subpart GGG, including the following sections:

63.1260(a) and Table 1	Reporting requirements, including Subpart A
63.1260(b)	Initial notification
63.1260(c)	Applications for approval of construction and reconstruction
63.1260(f)	Notification of Compliance Status report
63.1260(g)	Periodic reporting requirements and content of reports
63.1260(h)	Notification of process change
63.1260(i)	Malfunction reports

63.1260(n)(2)	Submission of reports to US EPA and Ohio EPA
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(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart GGG)

- (3) Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following reporting requirements are as stringent as or more stringent than the reporting requirements contained in Permit to Install #P0115376, issued 10/16/2013: e)(1) - e)(2). The reporting requirements contained in the above-referenced Permit to Install are subsumed into the reporting requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying reporting requirements in the Permit to Install.

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Control Requirement:

Cryogenic condenser that reduces the outlet organic HAP concentration by at least 98 per cent by no later than March 31, 2014 per Administrative Consent Order EPA-5-13-113(a)-OH-2, USEPA Region 5, July 17, 2013.

Applicable Compliance Method:

As required by the Administrative Consent Order, a design evaluation was conducted and submitted on 8/27/2013 for the cryogenic condensers pursuant to the requirements found in 63.1257(a)(1) and 63.1260(f)(2) demonstrating initial compliance with the required control efficiency. The permittee shall maintain compliance with the control efficiency pursuant to the operational restrictions and monitoring requirements of 40 CFR Part 63, Subpart GGG.

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

- (2) The permittee shall comply with the applicable compliance and testing requirements required under 40 CFR Part 63, Subpart GGG, including the following sections:

63.1256(g)(4) and 63.1257(e)(2)	Performance tests and design evaluations – exemption for RCRA units under 63.1256(g)(13)
63.1257(a)(10)	Wastewater testing
63.1257(e)(1)	Determination of average annual concentration and annual load

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart GGG)

- (3) Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following testing requirements are as stringent as or more stringent than the testing requirements contained in Permit to Install #P0115376, issued 10/16/2013: f)(1) – f)(2). The testing requirements contained in the above-referenced Permit to Install are subsumed into the testing requirements of this



Draft Title V Permit
Amylin Ohio LLC
Permit Number: P0115670
Facility ID: 1409040987

Effective Date: To be entered upon final issuance

operating permit, so that compliance with these requirements constitutes compliance with the underlying testing requirements in the Permit to Install.

g) Miscellaneous Requirements

- (1) None.



5. Emissions Unit Group - Dual fuel Boilers: B002, B003, B004, and B005

EU ID	Operations, Property and/or Equipment Description
B002	Steam Boiler No. 1 - 350 HP Cleaver Brooks dual fuel boiler
B003	Steam Boiler No. 2 - 350 HP Cleaver Brooks dual fuel boiler
B004	Steam Boiler No. 4 - 350 HP Cleaver Brooks dual fuel boiler
B005	Steam Boiler No. 5 - 350 HP Cleaver Brooks dual fuel boiler

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	<p>OAC rule 3745-31-05(A)(3), as effective 11/30/01</p> <p>[PTI P0117745, issued 11/14/2014 for emissions units B002, B003, and B004]</p> <p>[PTI P0117679, issued 11/14/2014 for emissions unit B005]</p>	<p>PE, PM₁₀ emissions, and PM_{2.5}emissions shall not exceed 0.014 pound per MMBtu and 0.89 TPY;</p> <p>SO₂ emissions shall not exceed 0.05 pound per MMBtu and 3.18 TPY;</p> <p>NO_x emissions shall not exceed 0.14 pound per MMBtu and 8.94 TPY;</p> <p>CO emissions shall not exceed 0.08 pound per MMBtu and 5.26 TPY; and</p> <p>VOC emissions shall not exceed 0.005 pound per MMBtu and 0.34 TPY.</p> <p>See b)(2)a.</p>
b.	OAC rule 3745-31-05(A)(3)(a)(ii), as effective 12/01/06	See b)(2)b.
c.	OAC rule 3745-17-07(A)(1)	<p>Visible particulate emissions from any stack serving this emissions unit shall not exceed 20% opacity, as a six-minute average, except as specified by rule.</p> <p>When combusting fuel oil, the visible</p>

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to 40 CFR Part 60, Subpart Dc.
d.	OAC rule 3745-17-10(B)(1)	PE shall not exceed 0.020 pound per MMBtu of actual heat input. See b)(2)d.
e.	OAC rule 3745-18-06(D)	When burning No. 2 fuel oil and/or diesel fuel, the emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(E).
f.	40 CFR Part 60, Subpart Dc [40 CFR 60.40c – 60.48c] Standards of Performance (NSPS) for Small Industrial-Commercial-Institutional Steam Generating Units	Excluding periods of startup, shutdown, or malfunction, visible particulate emissions shall not exceed 20% opacity, as a six-minute average, except for one six-minute period per hour of not more than 27% opacity when combusting distillate fuel oil. [40 CFR 60.43c(c)] The SO ₂ emission limitation specified by this rule for distillate fuel oil combustion is less stringent than the emission limitations established pursuant to OAC rule 3745-31-05(A)(3) and OAC rule 3745-31-05(E). See b)(2)c.
g.	40 CFR Part 63, Subpart DDDDD [40 CFR Part 63.7480-7575] National Emission Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers and Process Heaters [In accordance with 40 CFR 63.7499 and 63.7575, these emissions units are existing boilers in the subcategory of units designed to burn gas 1, with fuel oil usage for periodic testing and during periods of gas curtailment. The permittee shall comply with the emission limitations	Table 3 to 40 CFR Part 63, Subpart DDDDD – Work Practice Standards [40 CFR 63.7500]. See b)(2)f. and c)(3). Pursuant to 40 CFR 63.7495(b), the permittee shall comply with this subpart no later than January 31, 2016, except as provided in 63.6(i).



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	and operating limitations as specified in this section.]	
h.	40 CFR Part 63, Subpart A [40 CFR 63.1-15 and 40 CFR 63.7565]	Table 10 to 40 CFR Part 63, Subpart DDDDD – Applicability of General Provisions (Subpart A) to Subpart DDDDD shows which parts of the General Provisions in 40 CFR Part 63.1-15 apply.
i.	OAC rule 3745-31-05(E)	See b)(2)e.

(2) Additional Terms and Conditions

- a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC rule 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 the Ohio Revised Code (ORC) changes effective August 3, 2006 (Senate Bill 265 changes), such that BAT is no longer required by State regulations for National Ambient Air Quality Standards (NAAQS) pollutant(s) 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 OAC rule 3745-31-05, then these emission limitations/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:

 The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the PE, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, and VOC emissions from this air contaminant source since the uncontrolled potential to emit for PE, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, and VOC is less than ten tons per year.
- c. The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency (U.S. EPA), 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency (Ohio EPA).
- d. The rule based PE limitation established in b)(1) is higher than the emission unit's potential to emit (PTE) based on calculations using emissions factors from AP-42 and emissions unit’s rated capacity. Therefore, no monitoring, record keeping, and reporting requirements are necessary to ensure ongoing compliance with this emission limitation.
- e. The permittee shall only use either natural gas or No. 2 fuel oil and/or diesel fuel with a sulfur content not to exceed 0.05 percent by weight.



f. Pursuant to the initial notification submitted by the permittee in accordance with 40 CFR 63.7545, the permittee has identified natural gas as the primary fuel with the capability to operate using fuel oil for testing, maintenance, and operator training (up to 48 hours per year), as well as during periods of gas curtailment or gas supply interruption of any duration. Therefore, this emissions unit falls under the unit designed to burn gas 1 subcategory as defined in 40 CFR 63.7575.

c) Operational Restrictions

(1) The permittee shall burn only natural gas, No. 2 fuel oil, and/or diesel fuel in this emissions unit.

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

(2) The quality of No. 2 fuel oil and/or diesel fuel received for burning in this emissions unit shall have a combination of sulfur content and heat content sufficient to comply with the allowable sulfur dioxide emission limitation of 0.05 lb/MMBtu of actual heat input and the sulfur content limitation for No. 2 fuel oil and/or diesel fuel of less than or equal to 0.05 weight percent sulfur.

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

(3) The permittee shall comply with the applicable work practices required under 40 CFR Part 63, Subpart DDDDD, including the following sections:

63.7500, 63.7515(d), 63.7540, and Table 3 to Subpart DDDDD	annual tune-up requirements
63.7500 and Table 3 to Subpart DDDDD	one-time energy assessment requirements
63.7500(a)(3)	general duty to minimize emissions

(Authority for term: OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart DDDDD)

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain monthly records of the quantity and type of fuel combusted in this emissions unit.

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

(2) The permittee shall collect and record the following information annually for the purpose of determining annual SO₂ emissions:

a. The total number of gallons of No. 2 fuel oil and diesel fuel combusted;

- b. The total quantity of natural gas combusted in mmcf; and
- c. The total SO₂ emissions from all fuels combusted, in tons, using the calculation methods provided in f)(1) and the actual amounts as recorded in a. and b. above.

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

- (3) The permittee shall comply with the applicable monitoring and recordkeeping requirements required under 40 CFR Part 60, Subpart Dc, including the following sections:

60.46c(e)	Fuel supplier certification(s) and statement(s) for oil
60.47c(c)	COMs exemption
60.48c(f)	Fuel supplier certification(s) and statement(s) for oil
60.48c(g)(1) or (2) or (3)	Fuel usage records
60.48c(i)	Records retention

(Authority for term: 40 CFR Part 60, Subpart Dc and OAC rule 3745-77-07(C)(1))

- (4) The permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR Part 63, Subpart DDDDD, including the following sections:

63.7555	required overall records to be maintained
63.7560	record format and retention requirements

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart DDDDD)

- (5) Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following monitoring and record keeping requirements are as stringent as or more stringent than the monitoring and record keeping requirements contained in Permit to Install #P0117745 and P0117679, issued 11/14/2014:d)(1) - d)(4). The monitoring and record keeping requirements contained in the above-referenced Permit to Install are subsumed into the monitoring and record keeping requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying monitoring and record keeping requirements in the Permit to Install.

e) Reporting Requirements

- (1) The permittee shall notify the Director (the appropriate local air agency or District Office) in writing of any fuel burned in this emissions unit other than natural gas, No. 2 fuel oil, and/or diesel fuel.

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



- (2) The permittee shall notify the Director (the appropriate local air agency or District Office) in writing of any record which shows a deviation of the allowable sulfur dioxide emission limitation and/or sulfur content limitation based upon the record keeping requirements from d)(2) and d)(3) above.

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

- (3) The notifications identified in e)(1) and e)(2) shall include a copy of such record and shall be sent to the Director (the appropriate local air agency or District Office) within 45 days after the deviation occurs.

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

- (4) The permittee shall submit annual reports that specify the total SO₂ emissions from this emissions unit during the previous calendar year. The reports shall be submitted by January 31 of each year.

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

- (5) The permittee shall submit semi-annual reports and such other notifications and reports to the appropriate Ohio EPA District office or local air agency as are required pursuant to 40 CFR Part 60, Subpart Dc, per the following sections:

60.48c(b)	Initial and/or subsequent SO ₂ and opacity performance test reports
60.48c(c)	Opacity excess emissions report requirements
60.48c(d) - (e)	Compliance report requirements
60.48c(j)	Reporting period

(Authority for term: 40 CFR Part 60, Subpart Dc and OAC rule 3745-77-07(C)(1))

- (6) The permittee shall comply with the applicable reporting requirements required under 40 CFR Part 63, Subpart DDDDD, including the following sections:

63.7530(d)-(e) and 63.7545	Notification of Compliance Status requirements
63.7550 and Table 9 to Subpart DDDDD	content and submission of compliance reports

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart DDDDD)

- (7) Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following reporting requirements are as stringent as or more stringent than the reporting requirements contained in Permit to Install #P0117745 and P0117679, issued 11/14/2014: e)(1) - e)(6). The reporting requirements contained in the above-referenced Permit to Install are subsumed into the reporting requirements of this operating permit, so that compliance with these

requirements constitutes compliance with the underlying reporting requirements in the Permit to Install.

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:

PE shall not exceed 0.020 pound per MMBtu of actual heat input.

Applicable Compliance Method:

For the use of natural gas, compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (14,288 cu. ft/hr) by the AP-42, Fifth Edition, Section 1.4, Table 1.4-2 (revised 7/98) emission factor of 7.6 lbs of total PM/MM cu. ft, and then dividing by the maximum hourly heat input of the emissions unit (14.3 MMBtu/hr).

For the use of No. 2 fuel oil and diesel fuel, compliance shall be determined by multiplying the hourly fuel oil burning capacity of the emissions unit (102.1 gallons/hr) by the AP-42, Fifth Edition, Section 1.3, Table 1.3-1 (revised 9/98) emission factor of 2 lbs of PM/1000 gallons, and then dividing by the maximum hourly heat input of the emissions unit (14.3 MMBtu/hr).

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

(Authority for term: OAC rules 3745-77-07(C)(1), 3745-31-05(A)(3), and 3745-17-10(B))

b. Emission Limitation:

Visible particulate emissions from any stack shall not exceed 20 percent opacity as a six-minute average, except as specified by rule.

Applicable Compliance Method:

Compliance with the stack visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with U.S. EPA Method 9.

No visible emissions observations are specifically required to demonstrate compliance with this emission limitation but, if appropriate, may be required pursuant to OAC rule 3745-15-04(A).

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



c. Emission Limitation:

Excluding periods of startup, shutdown, or malfunction, visible particulate emissions shall not exceed 20% opacity, as a six-minute average, except for one six-minute period per hour of not more than 27% opacity when combusting distillate fuel oil.

Applicable Compliance Method:

When combusting No. 2 fuel oil and/or diesel fuel, compliance with the visible particulate emissions limitation shall be determined in accordance with the requirements of 40 CFR 60.45c and 60.47c as applicable.

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 60, Subpart Dc)

d. Emission Limitation:

The permittee shall only use either natural gas or No. 2 fuel oil and/or diesel fuel with a sulfur content not to exceed 0.05 percent by weight.

Applicable Compliance Method:

Compliance with the fuel oil sulfur content limitation shall be demonstrated by the record of the fuel supplier certification required in d)(3).

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

e. Emission Limitations:

NO_x emissions shall not exceed 0.14 pound per MMBtu and 8.94 TPY;

CO emissions shall not exceed 0.08 pound per MMBtu and 5.26 TPY;

VOC emissions shall not exceed 0.005 pound per MMBtu and 0.34 TPY;

SO₂ emissions shall not exceed 0.05 pound per MMBtu and 3.18 TPY; and

PE/PM₁₀/PM_{2.5} shall not exceed 0.014 pound per MMBtu and 0.89 TPY.

Applicable Compliance Methods:

The NO_x, CO, VOC, PE, PM₁₀, PM_{2.5}, and SO₂ emission limitations above are based upon the emissions unit's potential to emit using the manufacturer's guaranteed emission rates, in pound per MMBtu, when firing either natural gas or LPG as provided with the application for PTIO P0105347, submitted on 8/27/09.

The annual emissions were calculated based upon the maximum emissions rate for each pollutant in pound per MMBtu, the emissions unit's maximum rated heat input at 14.3 MMBtu per hour, and 8,760 hours of operation per year. If required, the permittee shall demonstrate compliance with the pound per MMBtu emission



limitations for each pollutant through emission tests performed in accordance with 40 CFR Part 60, Appendix A.

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

- (2) Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following testing requirements are as stringent as or more stringent than the testing requirements contained in Permit to Install #P0117745 and P0117679, issued 11/14/2014: f)(1)a. – f)(1)e. The testing requirements contained in the above-referenced Permit to Install are subsumed into the testing requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying testing requirements in the Permit to Install.

g) Miscellaneous Requirements

- (1) None.

6. Emissions Unit Group – Glycol Heaters: B007 and B008

EU ID	Operations, Property and/or Equipment Description
B007	12.6 MMBtu/hour dual fuel glycol heater
B008	12.6 MMBtu/hour dual fuel glycol heater

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3), as effective 11/30/01 [PTI P0117745, issued 11/14/2014]	PE, PM ₁₀ , and PM _{2.5} emissions shall not exceed 0.014 pound per MMBtu and 0.77 TPY; SO ₂ emissions shall not exceed 0.05 pound per MMBtu and 2.72 TPY; NO _x emissions shall not exceed 0.14 pound per MMBtu and 7.67 TPY; CO emissions shall not exceed 0.08 pound per MMBtu and 4.62 TPY; and VOC emissions shall not exceed 0.005 pound per MMBtu and 0.3 TPY. See b)(2)a.
b.	OAC rule 3745-31-05(A)(3)(a)(ii), as effective 12/01/06	See b)(2)b.
c.	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack serving this emissions unit shall not exceed 20% opacity, as a six-minute average, except as specified by rule. When combusting fuel oil, the visible emission limitation specified by this rule is less stringent than the visible emission

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		limitation established pursuant to 40 CFR Part 60, Subpart Dc.
d.	OAC rule 3745-17-10(B)(1)	PE shall not exceed 0.020 pound per MMBtu of actual heat input. See b)(2)d.
e.	OAC rule 3745-18-06(E)	When burning No. 2 fuel oil and/or diesel fuel, the emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(E).
f.	40 CFR Part 60, Subpart Dc [40 CFR 60.40c – 60.48c] Standards of Performance (NSPS) for Small Industrial-Commercial-Institutional Steam Generating Units	Excluding periods of startup, shutdown, or malfunction, visible particulate emissions shall not exceed 20% opacity, as a six-minute average, except for one six-minute period per hour of not more than 27% opacity when combusting distillate fuel oil. [40 CFR 60.43c(c)] The SO ₂ emission limitation specified by this rule for distillate fuel oil combustion is less stringent than the emission limitations established pursuant to OAC rule 3745-31-05(A)(3) and OAC rule 3745-31-05(E). See b)(2)c.
g.	40 CFR Part 63, Subpart DDDDD [40 CFR Part 63.7480-7575] National Emission Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers and Process Heaters [In accordance with 40 CFR 63.7499 and 63.7575, these emissions units are existing process heaters in the subcategory of units designed to burn gas 1, with fuel oil usage for periodic testing and during periods of gas curtailment. The permittee shall comply with the emission limitations and operating limitations as specified in this section.]	Table 3 to 40 CFR Part 63, Subpart DDDDD – Work Practice Standards [40 CFR 63.7500]. See b)(2)f. and c)(3). Pursuant to 40 CFR 63.7495(b), the permittee shall comply with this subpart no later than January 31, 2016, except as provided in 63.6(i).

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
h.	40 CFR Part 63, Subpart A [40 CFR 63.1-15 and 40 CFR 63.7565]	Table 10 to 40 CFR Part 63, Subpart DDDDD – Applicability of General Provisions (Subpart A) to Subpart DDDDD shows which parts of the General Provisions in 40 CFR Part 63.1-15 apply.
i.	OAC 3745-31-05(E)	See b)(2)e.

(2) Additional Terms and Conditions

- a. The permittee has satisfied the Best Available technology (BAT) requirements pursuant to OAC rule 745-31-05(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 the Ohio Revised Code (ORC) changes effective August 3, 2006 (Senate Bill 265 changes), such that BAT is no longer required by State regulations for National Ambient Air Quality Standards (NAAQS) pollutant(s) 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 OAC rule 3745-31-05, then these emission limitations/control measures no longer apply.
- b. This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-21-05 as part of the SIP:

 The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the PE, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, and VOC emissions from this air contaminant source since the uncontrolled potential to emit for PE, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, and VOC is less than ten tons per year.
- c. The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency (U.S. EPA), 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency (Ohio EPA).
- d. The rule based PE limitation established in b)(1) is higher than the emission unit’s potential to emit (PTE) based on calculations using emissions factors from AP-42 and emissions unit’s rated capacity. Therefore, no monitoring, record keeping, and reporting requirements are necessary to ensure ongoing compliance with this emission limitation.
- e. The permittee shall only use either natural gas or No. 2 fuel oil and/or diesel fuel with a sulfur content not to exceed 0.05 percent by weight.



f. Pursuant to the initial notification submitted by the permittee in accordance with 40 CFR 63.7545, the permittee has identified natural gas as the primary fuel with the capability to operate using fuel oil for testing, maintenance, and operator training (up to 48 hours per year), as well as during periods of gas curtailment or gas supply interruption of any duration. Therefore, this emissions unit falls under the unit designed to burn gas 1 subcategory as defined in 40 CFR 63.7575.

c) Operational Restrictions

(1) The permittee shall burn only natural gas, No. 2 fuel oil, and/or diesel fuel in this emissions unit.

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

(2) The quality of No. 2 fuel oil and/or diesel fuel received for burning in this emissions unit shall have a combination of sulfur content and heat content sufficient to comply with the allowable sulfur dioxide emission limitation of 0.05 lb/MMBtu of actual heat input and the sulfur content limitation for No. 2 fuel oil and/or diesel fuel of less than or equal to 0.05 weight percent sulfur.

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

(3) The permittee shall comply with the applicable work practices required under 40 CFR Part 63, Subpart DDDDD, including the following sections:

63.7500, 63.7515(d), 63.7540, and Table 3 to Subpart DDDDD	annual tune-up requirements
63.7500 and Table 3 to Subpart DDDDD	one-time energy assessment requirements
63.7500(a)(3)	general duty to minimize emissions

(Authority for term: OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart DDDDD)

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain monthly records of the quantity and type of fuel combusted in this emissions unit.

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

(2) The permittee shall collect and record the following information annually for the purpose of determining annual SO₂ emissions:

a. The total number of gallons of No. 2 fuel oil and diesel fuel combusted;

- b. The total quantity of natural gas combusted in mmcf; and
- c. The total SO₂ emissions from all fuels combusted, in tons, using the calculation methods provided in f)(1) and the actual amounts as recorded in a. and b. above.

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

- (3) The permittee shall comply with the applicable monitoring and recordkeeping requirements required under 40 CFR Part 60, Subpart Dc, including the following sections:

60.46c(e)	Fuel supplier certification(s) and statement(s) for oil
60.47c(c)	COMs exemption
60.48c(f)	Fuel supplier certification(s) and statement(s) for oil
60.48c(g)(1) or (2) or (3)	Fuel usage records
60.48c(i)	Records retention

(Authority for term: 40 CFR Part 60, Subpart Dc and OAC rule 3745-77-07(C)(1))

- (4) The permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR Part 63, Subpart DDDDD, including the following sections:

63.7555	required overall records to be maintained
63.7560	record format and retention requirements

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart DDDDD)

- (5) Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following monitoring and record keeping requirements are as stringent as or more stringent than the monitoring and record keeping requirements contained in Permit to Install #P0117745, issued 11/14/2014:d)(1) - d)(4). The monitoring and record keeping requirements contained in the above-referenced Permit to Install are subsumed into the monitoring and record keeping requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying monitoring and record keeping requirements in the Permit to Install.

e) Reporting Requirements

- (1) The permittee shall notify the Director (the appropriate local air agency or District Office) in writing of any fuel burned in this emissions unit other than natural gas, No. 2 fuel oil, and/or diesel fuel.

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



- (2) The permittee shall notify the Director (the appropriate local air agency or District Office) in writing of any record which shows a deviation of the allowable sulfur dioxide emission limitation and/or sulfur content limitation based upon the record keeping requirements from d)(2) and d)(3) above.

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

- (3) The notifications identified in e)(1) and e)(2) shall include a copy of such record and shall be sent to the Director (the appropriate local air agency or District Office) within 45 days after the deviation occurs.

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

- (4) The permittee shall submit annual reports that specify the total SO₂ emissions from this emissions unit during the previous calendar year. The reports shall be submitted by January 31 of each year.

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

- (5) The permittee shall submit semi-annual reports and such other notifications and reports to the appropriate Ohio EPA District office or local air agency as are required pursuant to 40 CFR Part 60, Subpart Dc, per the following sections:

60.48c(b)	Initial and/or subsequent SO ₂ and opacity performance test reports
60.48c(c)	Opacity excess emissions report requirements
60.48c(d) - (e)	Compliance report requirements
60.48c(j)	Reporting period

(Authority for term: 40 CFR Part 60, Subpart Dc and OAC rule 3745-77-07(C)(1))

- (6) The permittee shall comply with the applicable reporting requirements required under 40 CFR Part 63, Subpart DDDDD, including the following sections:

63.7530(d)-(e) and 63.7545	Notification of Compliance Status requirements
63.7550 and Table 9 to Subpart DDDDD	content and submission of compliance reports

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart DDDDD)

- (7) Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following reporting requirements are as stringent as or more stringent than the reporting requirements contained in Permit to Install #P0117745, issued 11/14/2014: e)(1) - e)(6). The reporting requirements contained in the above-referenced Permit to Install are subsumed into the reporting requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying reporting requirements in the Permit to Install.

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:

PE shall not exceed 0.020 pound per MMBtu of actual heat input.

Applicable Compliance Method:

For the use of natural gas, compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (12,550 cu. ft/hr) by the AP-42, Fifth Edition, Section 1.4, Table 1.4-2 (revised 7/98) emission factor of 7.6 lbs of total PM/MM cu. ft, and then dividing by the maximum hourly heat input of the emissions unit (12.6MMBtu/hr).

For the use of Number 2 fuel oil, compliance shall be determined by multiplying the hourly fuel oil burning capacity of the emissions unit (102.1 gallons/hr) by the AP-42, Fifth Edition, Section 1.3, Table 1.3-1 (revised 9/98) emission factor of 2 lbs of PM/1000 gallons, and then dividing by the maximum hourly heat input of the emissions unit (12.6mmBtu/hr).

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

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

b. Emission Limitation:

Visible particulate emissions from any stack shall not exceed 20 percent opacity as a six-minute average, except as specified by rule.

Applicable Compliance Method:

Compliance with the stack visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with U.S. EPA Method 9.

No visible emissions observations are specifically required to demonstrate compliance with this emission limitation but, if appropriate, may be required pursuant to OAC rule 3745-15-04(A).

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

c. Emission Limitation:

Excluding periods of startup, shutdown, or malfunction, visible particulate emissions shall not exceed 20% opacity, as a six-minute average, except for one



six-minute period per hour of not more than 27% opacity when combusting distillate fuel oil.

Applicable Compliance Method:

When combusting No. 2 fuel oil and/or diesel fuel, compliance with the visible particulate emissions limitation shall be determined in accordance with the requirements of 40 CFR 60.45c and 60.47c as applicable.

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 60, Subpart Dc)

d. Emission Limitation:

The permittee shall only use either natural gas or No. 2 fuel oil and/or diesel fuel with a sulfur content not to exceed 0.05 percent by weight.

Applicable Compliance Method:

Compliance with the fuel oil sulfur content limitation shall be demonstrated by the record of the fuel supplier certification required in d)(3).

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

e. Emission Limitations:

NO_x emissions shall not exceed 0.14 pound per MMBtu and 7.67 TPY;

CO emissions shall not exceed 0.08 pound per MMBtu and 4.62 TPY;

VOC emissions shall not exceed 0.005 pound per MMBtu and 0.30 TPY;

SO₂ emissions shall not exceed 0.05 pound per MMBtu and 2.72 TPY; and

PE/PM₁₀/PM_{2.5} shall not exceed 0.014 pound per MMBtu and 0.77 TPY.

Applicable Compliance Methods:

The NO_x, CO, VOC, PE, PM₁₀, PM_{2.5}, and SO₂ emission limitations above are based upon the emissions unit's potential to emit using the manufacturer's guaranteed emission rates, in pound per mmBtu, when firing either natural gas or LPG as provided with the application for PTIO P0104969, submitted on 5/22/09.

The annual emissions were calculated based upon the maximum emissions rate for each pollutant in pound per MMBtu, the emissions unit's maximum rated heat input at 12.6 MMBtu per hour, and 8,760 hours of operation per year. If required, the permittee shall demonstrate compliance with the pound per MMBtu emission limitations for each pollutant through emission tests performed in accordance with 40 CFR Part 60, Appendix A.

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



Draft Title V Permit
Amylin Ohio LLC
Permit Number: P0115670
Facility ID: 1409040987

Effective Date: To be entered upon final issuance

- (2) Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following testing requirements are as stringent as or more stringent than the testing requirements contained in Permit to Install #P0117745, issued 11/14/2014: f)(1)a. – f)(1)e. The testing requirements contained in the above-referenced Permit to Install are subsumed into the testing requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying testing requirements in the Permit to Install.

- g) Miscellaneous Requirements
 - (1) None.