Environmental Protection Agency

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Mike DeWine, *Governor* **Jim Tressel,** *Lt. Governor* **John Logue,** *Director*

08/11/2026

Mr. Todd Scarborough
AMP Gas Turbines Napoleon
1111 Schrock Rd
Columbus, OH 43229

Facility ID: 0335010056
Permit Number: P0139955
County: Henry

RE: DRAFT AIR POLLUTION TITLE V PERMIT

Permit Type: Renewal

Dear Permit Holder:

A draft of the OAC Chapter 3745-77 Title V permit for the referenced facility has been issued. The purpose of this draft is to solicit public comments. A public notice will appear in the Ohio Environmental Protection Agency (EPA) Weekly Review and Public Notices website, ***Weekly Review and Public Notices***. A copy of the public notice, the Statement of Basis, and the draft permit are enclosed. This permit can be accessed electronically on the Ohio EPA document search website here: ***eDocument Search***. Comments will be accepted as a marked-up copy of the draft permit or in narrative format. Any comments must be sent to the following:

Andrea Moore
Permit Review/Development Section
Ohio EPA, DAPC
50 West Town Street, Suite 700
P.O. Box 1049
Columbus, Ohio 43216-1049

and

Ohio EPA DAPC, Northwest District Office
347 North Dunbridge Rd.
Bowling Green, OH 43402

Comments and/or a request for a public hearing will be accepted within 30 days of the date the notice is published on the Ohio EPA Weekly Review and Public Notices website, ***Weekly Review and Public Notices | Ohio Environmental Protection Agency***. You will be notified if a public hearing is scheduled. A decision on processing the Title V permit will be made after consideration of comments received and oral testimony if a public hearing is conducted. You will then be provided with a Preliminary Proposed Title V permit and another opportunity to comment prior to the 45-day Proposed Title V permit submittal to U.S. EPA Region 5. The permit will be issued final after U.S. EPA review is completed and no objections to the final issuance have been received. If you have any questions, please contact Ohio EPA DAPC, Northwest District Office at (419)352-8461.

Sincerely,

Robert Hodanbosi
Chief, Division of Air Pollution Control

cc: U.S. EPA Region 5 - *Via E-Mail Notification*
Ohio EPA-NWDO; Michigan; Indiana

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: ***Weekly Review and Public Notices | Ohio Environmental Protection Agency*** or Hearing Clerk, Ohio EPA, 50 W. Town St., Columbus, Ohio 43215. Phone: 614-644-3037 Email: ***HClerk@epa.ohio.gov***

Draft Title V Permit Renewal

AMP Gas Turbines Napoleon
775 Interchange Drive

Napoleon, OH 43545

ID#:	P0139955
Date of Action:	08/11/2026
Permit Desc:	Title V renewal for two turbines at an electric power generation peaking plant.

The permit and complete instructions for requesting information or submitting comments may be obtained at: https://ohioepa.commentinput.com - Search by entering the permit # P0139955 in the "Search Projects" search box.

Statement of Basis* For Air Pollution Title V Permit

*As defined in OAC rule 3745-77-01(MM): "Statement of basis" or "SOB" means a statement that sets forth the legal and factual basis for the draft [Title V] permit conditions (including references to the applicable statutory or regulatory provisions)."

Completing this form is intended to satisfy those requirements.

Facility ID:	0335010056
Facility Name:	AMP Gas Turbines Napoleon
Facility Description:	Napoleon Generating Station
Facility Address:	775 Interchange Drive Napoleon, OH 43545
Permit #:	P0139955

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 ☐ GHG And/or subject to: ☐ Maximum Available Control Technology Standard(s) ☐ GACT standard(s) that requires a Title V permit ☒ Title IV ☐ Opt-In source

A. Permit Background

1. Has each insignificant emissions unit been reviewed to confirm it meets the definition in OAC rule 3745-77-01(V)? Yes x No Comments:	
2. Discuss any **common control determinations** (this includes revisions to previous determinations), include justification, factors, and facts which led to the final decision. Discussion:	
3. 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). This includes identifying conditions from previous permits that are not included in the new permit.	
PTI No.:	Affected EUs: P002

Discussion of changes from the previous Title V: Updated Facility-Wide Term B.2 CSAPR requirements – to reflect Subpart GGGGG – NOx Ozone Season Group 3 Trading Program	
4. 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 **minor modification** per OAC rules 3745-77-08(C)(1) or (2)	
PTI No.: P0139953	Affected EUs: P001,P002
Minor Modification Description: PTI Administrative Modification to remove CEM language and update SCR language for two NG fired turbines	
5. 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)	
PTI No.:	Affected EUs:
Significant Modification Description:	
6. 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)	
PTI No.:	Affected EUs:
Reopening for Cause for Description:	

7. Please identify the affected emissions 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. Affected EUs:
8. Please identify any federal **Consent Decree (CD)** that resulted in the addition of Title V T&Cs – include the CD Number, the CD Public Notice date (if known) and Ohio EPA Permit Number (if applicable, along with final permit issuance date) that incorporates the CD requirements. CD No. Public Notice Date: PTI No. PTI Issuance Date:
9. Please identify any **complex or unusual rule applicability determination** that is not readily apparent in the permit T&Cs and warrants additional explanation in the Statement of Basis. If the discussion is included in a PTI Permit Strategy Write Up cite the Permit Number and copy/paste or summarize the determination here. PTI No. Discussion:
10. Please identify any **streamlining determinations** within the permit. Include an identification of the subsumed limit(s) and an explanation of how the resulting limit is equivalent to or more stringent than those subsumed. If the discussion exists in a PTI Permit Strategy Write Up, cite the Permit Number and summarize the determination here. This would also be noted for specific emissions units identified in C. PTI No. Discussion:

11. Please identify any current **enforcement actions** to address violations at the facility resulting in a compliance plan and schedule.	
Director's Final Findings and Orders; AGO Consent Decree; or U.S. EPA Consent Decree Date:	List the Order/Injunctive Relief number from the associated enforcement document and provide a description:

B. Facility-Wide Terms and Conditions

Term and Condition (paragraph)	Basis		Comments
	SIP (3745-)	Other	
B.1	77-07(B)		Lists facility wide terms and conditions that are enforceable under state law only.
B.2	77-07(A)	40 CFR PART 97	Transport Rule (TR) Trading Program Requirements

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) Misc = miscellaneous requirements

Emissions Unit Table

EU(s)	Limitation	Basis	ND	OR	M	R	Rp	ET	ENF	Misc	Comments
P001	3.56 lb (PE)/hr , 4.0 tons PE/yr 2.29 lbs VOC/hr, 2.6 tons VOC/yr 0.18 lb formaldehyde/ hr, 0.2 ton	OAC rule 3745-31-05(A)(3) PTI# P0139953	N	Y	Y	N	N	N	N	N	OR – The fuel burned is restricted to natural gas. The maximum natural gas usage may not exceed 571,986,000 cubic feet per rolling, 12-month period. M,R,Rp,ET – Emission limitations represent the PTE based on vender-supplied emission factors and the use of natural gas.

Emissions Unit Table

EU(s)	Limitation	Basis	ND	OR	M	R	Rp	ET	ENF	Misc	Comments
	formaldehyde/ yr										
P001	1.45 lbs SO2/hr, 1.6 tons SO2/yr	OAC rule 3745-31-05(A)(3) PTI# P0139953	N	Y	Y	N	N	N	N	N	OR – The maximum natural gas usage may not exceed 571,986,000 cubic feet per rolling, 12-month period and the maximum sulfur content shall not exceed 2 gr/100 cu. ft and a maximum heat input of 254.2 mmBtu/hr (except for startup and shutdown). M,R,Rp,ET – Emission limitations represent the PTE based on the maximum sulfur content and the maximum annual natural gas usage restriction.
P001	Startup and shutdown emissions: 2.5 tons NOx/yr, 1.0 ton CO/yr	OAC rule 3745-31-05(A)(3) PTI# P0139953	N	Y	Y	Y	Y	N	N	N	OR – Startup periods are defined as the first 60 minutes in duration. Shutdown periods shall not exceed 30 minutes in duration. M/R – Maintain records and submit reports of hours for startups and shutdowns, the actual NOx, emissions during startups and shutdowns. ET – Compliance with the annual allowable NOx emission limitation shall be determined based on the record keeping requirements established in this permit.

Emissions Unit Table

EU(s)	Limitation	Basis	ND	OR	M	R	Rp	ET	ENF	Misc	Comments
P001	14.8 tons NOx per rolling, 12-month period and 32.0 tons CO per rolling, 12-month period	OAC rule 3745-31-05(D) PTI# P0139953	N	Y	Y	Y	Y	N	N	N	OR – Natural gas usage for this emissions unit shall not exceed 571,986,000 cubic feet per rolling 12-month period. ET – Compliance with the annual emission limitation shall be determined based on the record keeping requirements established in this permit.
P002	6.61 lbs (PE)/hr; 7.40 tons PE/yr 4.25 lbs VOC/hr; 4.80 tons VOC/yr 0.34 lb formaldehyde/ hr, 0.3 ton formaldehyde/ yr	OAC rule 3745-31-05(A)(3) PTI# P0139953	N	Y	Y	N	N	N	N	N	OR – The fuel burned is restricted to natural gas. The maximum natural gas usage may not exceed 1,062,369,000 cubic feet per rolling, 12-month period. M,R,Rp,ET – Emission limitations represent the PTE based on vender-supplied emission factors and the use of natural gas.

Emissions Unit Table

EU(s)	Limitation	Basis	ND	OR	M	R	Rp	ET	ENF	Misc	Comments
P002	2.69 lbs SO2/hr, 3.0 tons SO2/yr	OAC rule 3745-31-05(A)(3) PTI# P0139953	N	Y	Y	N	N	N	N	N	OR – The fuel burned is restricted to natural gas with a maximum sulfur content not to exceed 2 gr/100 cu.ft and a maximum heat input of 472.2 mmBtu/hr (except for startup and shutdown). The maximum natural gas usage may not exceed 1,062,369,000 cubic feet per rolling, 12-month period M,R,Rp,ET – Emission limitations represent the PTE based on the maximum sulfur content and the maximum annual natural gas usage restriction.
P002	Startup and shutdown emissions: 12.6 tons NOx/yr, 4.3 tons CO/yr	OAC rule 3745-31-05(A)(3) PTI# P0139953	N	Y	Y	Y	Y	N	N	N	Startup periods are defined as the first 60 minutes in duration. Shutdown periods shall not exceed 30 minutes in duration. ET – Compliance with the annual allowable NOx emission limitation shall be determined based on the record keeping requirements established in this permit.
P002	27.4 tons NOx per rolling, 12-month period and 59.5 tons CO per rolling,	OAC rule 3745-31-05(D)	N	Y	Y	Y	Y	N	N	N	OR – Natural gas usage for this emissions unit shall not exceed 1,062,369,000 cubic feet per rolling 12-month period.

Emissions Unit Table

EU(s)	Limitation	Basis	ND	OR	M	R	Rp	ET	ENF	Misc	Comments
	12-month period.	PTI# P0139953									ET – Compliance with the annual emission limitation shall be determined based on the record keeping requirements established in this permit.
P002	NOx emissions to not exceed 25 tons per each control period	40 CFR Part 97 PTI# P0139953	N	Y	Y	Y	Y	N	N	N	OR-The maximum operating hours for this emissions unit shall not exceed 706 hours during the control period in each year, based upon a total summation of operating hours for each control period.
P001 P002	NOx emissions shall not exceed 14 ppmvd at 15% oxygen	OAC rule 3745-31-05(A)(3) PTI# P0139953	N	Y	Y	Y	Y	N	N	N	OR-The fuel burned is restricted to natural gas ET – Compliance with the NOx outlet concentration has been demonstrated based on the results of emissions testing conducted on this or a similar emissions unit. Ongoing compliance through Monitoring and Recordkeeping
P001 P002	0.0516 lb NOx/mm Btu of actual heat input	OAC rule 3745-31-05(A)(3) PTI# P0139953	N	Y	Y	Y	Y	N	N	N	OR – The fuel burned is restricted to natural gas.

Emissions Unit Table

EU(s)	Limitation	Basis	ND	OR	M	R	Rp	ET	ENF	Misc	Comments
											ET – Compliance with the lb/mmBtu has been demonstrated based on the results of emissions testing conducted on this or a similar emissions unit. Ongoing compliance through Monitoring and Recordkeeping
P001 P002	0.112 lb (CO) /mmBtu of actual heat input	OAC rule 3745-31-05(A)(3) PTI# P0139953	N	Y	Y	Y	Y	N	N	N	OR – The fuel burned is restricted to natural gas. ET – Compliance with the CO lb/mmBtU emission limitation has been demonstrated based on the results of emissions testing conducted on this or a similar emissions unit. CAM is not currently applicable.
P001 P002	Visible PE from any stack shall not exceed 10 percent opacity as a 6-minute average	OAC rule 3745-31-05(A)(3) PTI# P0139953	N	N	N	Y	Y	N	N	N	ET – Compliance with the visible PE limitation shall be determined by Method 9, 40 CFR, Part 60, Appendix A if needed.

DRAFT

Division of Air Pollution Control
Title V Permit
for
AMP Gas Turbines Napoleon

Facility ID:	0335010056
Permit Number:	P0139955
Permit Type:	Renewal
Issued:	08/11/2026
Effective:	To be entered upon final issuance
Expiration:	To be entered upon final issuance

Division of Air Pollution Control
Title V Permit
for
AMP Gas Turbines Napoleon

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Authorization

Facility ID:	0335010056
Facility Description:	Napoleon Generating Station
Application Number(s):	A0081203, A0082389
Permit Number:	P0139955
Permit Description:	Title V renewal for two turbines at an electric power generation peaking plant.
Permit Type:	Renewal
Issue Date:	
Effective Date:	To be entered upon final issuance
Expiration Date:	To be entered upon final issuance
Superseded Permit Number:	P0132769

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

AMP Gas Turbines Napoleon
775 Interchange Drive
Napoleon, OH 43545

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

Ohio EPA DAPC, Northwest District Office
347 North Dunbridge Rd.
Bowling Green, OH 43402
(419)352-8461

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 Ohio EPA DAPC, Northwest District Office. 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

John Logue
Director

List of Commonly Used Abbreviations

AP-42 = U.S. EPA's Compilation of Air Pollution Emissions Factors	HVLP = high volume, low pressure	PER = Permit Evaluation Report
ASTM = American Society for Testing and Materials	LAER = lowest achievable emission rate	PM = particulate matter
BACT = Best Available Control Technology	lb(s)/hr = pound(s) per hour	PM_{10} = particulate matter with an aerodynamic diameter less than or equal to 10 microns
BAT = Best Available Technology	LDAR = leak detection and repair	$PM_{2.5}$ = particulate matter with an aerodynamic diameter less than or equal to 2.5 microns
CAA = Clean Air Act	LPG = liquefied petroleum gas/propane	ppb = parts per billion
CAM = compliance assurance monitoring	MACT = maximum achievable control technology	ppm = parts per million
CEMS = continuous emissions monitoring system	MAGLC = maximum acceptable ground level concentration	PSD = Prevention of Significant Deterioration
CFC = chlorofluorocarbon	mg/m3 = milligrams per cubic meter	psi = pounds per square inch
CFR = Code of Federal Regulations	MM = million	psia = pounds per square inch absolute
CH_4 = methane	MMBtu = million British Thermal Units	PTE = potential-to-emit
CI = compression ignition	MSDS = material safety data sheet	PTI = Permit-to-Install
CO = carbon monoxide	MSW = municipal solid waste	PTIO = Permit-to-Install and Operate
CO_2 = carbon dioxide	NAAQS = National Ambient Air Quality Standard	PTO = Permit-to-Operate
COM = continuous opacity monitor	NESHAP = National Emission Standard for Hazardous Air Pollutants	PWR = process weight rate
DAPC = Division of Air Pollution Control	NG = natural gas	RACM = reasonably available control measures
DO/LAA = District Office/Local Air Agency	ng/m3 = nanograms per cubic meter	RACT = reasonably available control technology
dscf = dry standard cubic foot	NH_3 = ammonia	RATA = relative accuracy test audit
EAC = emissions activity category	NMHC = non-methane hydrocarbons	RTO = regenerative thermal oxidizer
eDocs = electronic documents database	NMOC = non-methane organic compound	SB265 = Senate Bill 265
ERAC = Environmental Review Appeals Commission	NO = nitrogen oxide	scfm = standard cubic feet per minute
ESP = electrostatic precipitator	NO_2 = nitrogen dioxide	SI = spark ignition
EU = emissions unit	NO_x = nitrogen oxides	SIP = State Implementation Plan
FEPTIO = Federally Enforceable Permit-to-Install and Operate	NSPS = New Source Performance Standard	SO_2 = sulfur dioxide
FER = Fee Emissions Report	NSR = New Source Review	SSMP = startup, shutdown, and malfunction plan
FR = Federal Register	NTV = Non-Title V	TDS = total dissolved solids
GACT = generally achievable control technology	O&M = operation and maintenance	TLV = threshold limit value
GHG = greenhouse gases	OAC = Ohio Administrative Code	TO = thermal oxidizer
gr/dscf = grains per dry standard cubic foot	OC = organic compound	TPH = ton(s) per hour
H_2S = hydrogen sulfide	Ohio EPA = Ohio Environmental Protection Agency	TPY = ton(s) per year
H_2SO_4 = sulfuric acid	ORC = Ohio Revised Code	TSP = total suspended particulates
HAP = hazardous air pollutant	Pb = lead	VE = visible particulate emissions
HCl = hydrogen chloride	PBR = Permit-By-Rule	VMT = vehicle miles traveled
HF = hydrogen fluoride	PCB = polychlorinated biphenyl	VOC = volatile organic compound
Hg = mercury	PE = particulate emissions	WPP = work practice plan
hp = horsepower	PEMS = predictive emissions monitoring system	µg/m3 = micrograms per cubic meter

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. 21., Air Pollution Nuisance

(2) Standard Term and Condition A. 24., Reporting Requirements Related to Monitoring and Record Keeping Requirements of State-Only Enforceable Permit Terms and Conditions

(3) Standard Term and Condition A. 25., Records Retention Requirements for State-Only Enforceable Permit Terms and Conditions

(4) Standard Term and Condition A. 27., Scheduled Maintenance/Malfunction Reporting for State-Only Requirements

(5) 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

(6) Standard Term and Condition A. 30., Submitting Documents Required by this Permit

[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 maintenance requests, 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 Ohio EPA DAPC, Northwest District Office. 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.20, 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 Ohio EPA DAPC, Northwest District Office 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)(v)]

(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 Ohio EPA DAPC, Northwest District Office unless otherwise specified.

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

3. Reporting of Any Exceedance 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 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 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, OAC rule 3745-77-07(A)(3)(b)(ii), OAC rule 3745-77-07(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 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 Ohio EPA DAPC, Northwest District Office concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:

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

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

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 Ohio EPA DAPC, Northwest District Office) 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 [defined as “Title I modification” in OAC rule 3745-77-01], 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 Ohio EPA DAPC, Northwest District Office 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 Ohio EPA DAPC, Northwest District Office 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 activities and emissions levels" as defined in OAC rule 3745-77-01. 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), 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 Ohio EPA DAPC, Northwest District Office.

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 Ohio EPA DAPC, Northwest District Office. 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 Ohio EPA DAPC, Northwest District Office 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 Ohio EPA DAPC, Northwest District Office 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.

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 Ohio EPA DAPC, Northwest District Office, 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.

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. Transport Rule (TR) Trading Program Requirements

   a) The permittee shall comply with all applicable Cross-State Air Pollution Rule (CSAPR) requirements (40 CFR, Part 97, Subparts AAAAA – GGGGG) by the compliance date specified in 40 CFR, Part 97, Subparts AAAAA – GGGGG.

   b) The TR subject units, and the unit-specific monitoring provisions at this source, are identified in the following table. These units are subject to the requirements for the TR NO_X Annual Trading Program, TR NO_X Ozone Season Group 3 Trading Program, and TR SO_2 Group 1 Trading Program.

Unit ID: P002CT-1, 33 MW NG fired turbine W/SCR					
Parameter	Continuous emission monitoring system or systems (CEMS) requirements pursuant to 40 CFR, Part 75, Subpart B (for SO_2 monitoring) and 40 CFR, Part 75, Subpart H (for NO_X monitoring)	Excepted monitoring system requirements for gas- and oil-fired units pursuant to 40 CFR, Part 75, Appendix D	Excepted monitoring system requirements for gas- and oil-fired peaking units pursuant to 40 CFR, Part 75, Appendix E	Low Mass Emissions excepted monitoring (LME) requirements for gas- and oil-fired units pursuant to 40 CFR 75.19	EPA-approved alternative monitoring system requirements pursuant to 40 CFR part 75, subpart E
SO_2			----------------	x	
NO_X		-------------		x	
Heat input		x	----------------		

   c) The above description of the monitoring used by a unit does not change, create an exemption from, or otherwise affect the monitoring, recordkeeping, and reporting requirements applicable to the unit under 40 CFR, Sections 97.430 through 97.435 (TR NO_X Annual Trading Program), Sections 97.1030 through 97.1035 (TR NO_X Ozone Season Group 3 Trading Program) and Sections 97.630 through 97.635 (TR SO_2 Group 1 Trading Program), as applicable. The monitoring, recordkeeping and reporting requirements applicable to each unit are included below in the standard conditions for the applicable TR trading programs.

d) Owners and operators must submit to the Administrator a monitoring plan for each unit in accordance with 40 CFR, Section 75.53, 75.62 and 75.73, as applicable. The monitoring plan for each unit is available at the EPA's website at ***https://easey.epa.gov/ecmps/monitoring-plans***.

e) Owners and operators that want to use an alternative monitoring system must submit to the Administrator a petition requesting approval of the alternative monitoring system in accordance with 40 CFR, Part 75, Subpart E and 40 CFR Sections 75.66 and 97.435 (TR NO_X Annual Trading Program), 97.1035 (TR NO_x Ozone Season Group 3 Trading Program) and 40 CFR 97.635 (TR SO_2 Group 1 Trading Program). The Administrator's response approving or disapproving any petition for an alternative monitoring system is available at ***https://www.epa.gov/power-sector/part-75-petition-responses***.

f) Owners and operators that want to use an alternative to any monitoring, recordkeeping, or reporting requirement under 40 CFR Sections 97.430 through 97.434 (TR NO_X Annual Trading Program), 97.1030 through 97.1034 (TR NO_X Ozone Season Group 3 Trading Program) and 97.730 through 97.734 (TR SO_2 Group 1 Trading Program) must submit to the Administrator a petition requesting approval of the alternative in accordance with 40 CFR Sections 75.66 and 97.435 (TR NO_X Annual Trading Program), 97.1035 (TR NO_X Ozone Season Group 3 Trading Program) and 97.635 (TR SO_2 Group 1 Trading Program). The Administrator's response approving or disapproving any petition for an alternative to a monitoring, recordkeeping, or reporting requirement is available on EPA's website at ***https://www.epa.gov/power-sector/part-75-petition-responses***.

g) The descriptions of monitoring applicable to the unit included above meet the requirement of 40 CFR Sections 97.430 through 97.434 (TR NO_X Annual Trading Program), 97.1030 through 97.1034 (TR NO_X Ozone Season Group 3 Trading Program) and 97.630 through 97.634 (TR SO_2 Group 1 Trading Program), and therefore minor permit modification procedures, in accordance with 40 CFR 70.7(e)(2)(i)(B) or 71.7(e)(1)(i)(B), may be used to add to or change this unit's monitoring system description.

h) TR NO_X Annual Trading Program requirements

Designated representative requirements	97.406(a), 97.413-97.418
Emissions monitoring, reporting and recordkeeping requirements	97.406(b), 97.430-97.435
NO_X emissions requirements	97.406(c)
Title V permit revision requirements	97.406(d)
Additional recordkeeping and reporting requirements	97.406(e)
Liability	97.406(f)
Effect on other authorities	97.406(g)

i) TR NO_X Ozone Season Group 3 Trading Program requirements

Designated representative requirements	97.1006(a), 97.1013-97.1018
Emissions monitoring, reporting and recordkeeping requirements	97.1006(b), 97.1030-97.1035
NO_X emissions requirements	97.1006(c)
Title V permit revision requirements	97.1006(d)
Additional recordkeeping and reporting requirements	97.1006(e)
Liability	97.1006(f)
Effect on other authorities	97.1006(g)

j) TR SO_2 Group 1 Trading Program requirements

Designated representative requirements	97.606(a), 97.613-97.618
Emissions monitoring, reporting and recordkeeping requirements	97.606(b), 97.630-97.635
SO_2 emissions requirements	97.606(c)
Title V permit revision requirements	97.606(d)
Additional recordkeeping and reporting requirements	97.606(e)
Liability	97.606(f)
Effect on other authorities	97.606(g)

[All of Section 2: 40 CFR, Part 97]

C. Emissions Unit Terms and Conditions

1. P001, CT#2 (GE Frame 5 LA)

Operations, Property and/or Equipment Description:

16.5 MW NG fired turbine W/SCR

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) d)(6), d)(7), and d)(8).

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# P0139953 issued 7/21/26)	Nitrogen oxide (NOx) emissions shall not exceed 14 ppmvd at 15% oxygen. 0.0516 lb NOx/mmBtu of actual heat input. 0.112 lb carbon monoxide (CO)/mmBtu of actual heat input. 3.56 lbs particulate emissions (PE)/hour & 4.0 tons PE/yr 1.45 lbs sulfur dioxide (SO2)/hr & 1.6 tons SO2/yr. 2.29 lbs volatile organic compounds (VOC)/hr & 2.6 tons VOC/yr. 0.18 lb formaldehyde/hr & 0.2 ton formaldehyde/yr.

		startup and shutdown emissions: 2.5 tons NOx/yr and 1.0 ton CO/yr. Visible PE from any stack shall not exceed 10 percent opacity, as a six-minute average. See b)(2)d.
b.	OAC rule 3745-31-05(D) (PTI# P0139953 issued 7/21/26)	14.8 tons NOx per rolling, 12-month period. 32.0 tons CO per rolling, 12-month period. See c)(1) and b)(2)c.
c.	OAC rule 3745-17-11(B)(4)	See b)(2)a.
d.	OAC rule 3745-17-07(A)	See b)(2)a.
e.	OAC rule 3745-18-06(F)	See b)(2)a.
f.	40 CFR 60, Subpart GG	See b)(2)b.

(2) Additional Terms and Conditions

a. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

b. The emission limitation and sulfur content restriction [see c)(3) below] specified by this rule is less stringent than the emission limitation and sulfur content restriction established pursuant to OAC rule 3745-31-05(A)(3). Except as provided for in the terms and conditions of this permit, the permittee is not exempt from meeting any additional requirements of 40 CFR Part 60, Subpart GG.

c. The rolling, 12-month emission limitations established in this permit do not include emissions from startups and shutdowns.

d. The 3.56 lbs PE/hr, 1.45 lbs SO_2/hr, 2.29 lbs VOC/hr and 0.18 lb formaldehyde/hr emission limitations were established for PTI purposes to reflect the potentials to emit for this emissions unit. Therefore, it is not necessary to develop any additional monitoring, record keeping or reporting requirements to ensure compliance with these emission limitations.

c) Operational Restrictions

(1) The maximum annual natural gas usage for this emissions unit shall not exceed 571,986,000 cubic feet per rolling, 12-month period, based upon a monthly summation of the monthly quantity of natural gas used.

[OAC rule 3745-77-07(A)(1) and PTI# P0139953]

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

[OAC rule 3745-77-07(A)(1) and PTI# P0139953]

(3) The maximum sulfur content of the natural gas burned in this emissions unit shall not exceed 2 gr/100 cf.

[OAC rule 3745-77-07(A)(1) and PTI# P0139953]

(4) For the purpose of controlling NOx emissions, this emission unit shall be controlled by a selective catalyst reduction (SCR) system equipped with ammonia injection. The control system shall meet the following requirements:

a. the control system shall be installed, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee, The permittee shall maintain on site a copy of the operation & maintenance manual, as provided by the manufacturer.

b. the control system shall be in operation at all times the emissions unit is operating at full load as described in condition c)(6);

c. the control system shall be designed and maintained in a manner to ensure that the ammonia injection is operating properly, including but not limited to, maintaining necessary parts for routine repairs and the use of duplicative components in critical systems;

d. the ammonia injection system shall use a programable logic controller in conjunction with the information management system whose logic is based upon site specific historical data to ensure an adequate amount of ammonia is being injected.

[OAC rule 3745-77-07(A)(1) and PTI# P0139953]

(5) The maximum heat input rating for this emissions unit is 254.2 mmBtu/hr. This value corresponds to a maximum natural gas flow rate of 254,216 cf/hr with a heat content of 1000 Btu/cf. The permittee shall operate this emissions unit within the parameters specified above, except for startup and shutdown periods. Startup periods shall be defined as the first 60 minutes in duration. Shutdown periods shall not exceed 30 minutes in duration.

[OAC rule 3745-77-07(A)(1) and PTI# P0139953]

(6) With the exception of startup and shutdown periods, this emissions unit shall be operated at 100% load. For environmental compliance purposes, 100% load is achieved when the control system receives confirmation from the unit's information management system that the conditions for 100% load are met. The permittee may petition the Ohio EPA to operate at a greater load range if it can demonstrate to the agency's satisfaction that the emissions unit will comply with all applicable emission limits in this permit.

[OAC rule 3745-77-07(A)(1) and PTI# P0139953]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain monthly records of the following information for this emissions unit:

a. the quantity of natural gas used, in cubic feet;

b. the rolling, 12-month quantity of natural gas used, in cubic feet;

c. the NOx and CO emission rates*, in pounds;

d. the rolling, 12-month NOx and CO emissions rates*, in tons;

e. the number of hours of operation for startup and shutdown periods;

f. the NOx and CO emission rates* for the startup and shutdown periods, in tons; and

g. the annual, year-to-date NOx and CO emission rates*, in tons, associated with the startup and shutdown periods (summation of d)(1)f. for each pollutant).

* The permittee shall use the empirical data incorporated into the emission unit's information management system for calculating the NOx emissions or use a continuous monitoring system that is consistent with the Low Mass Emitter (LME) requirements of 40 CFR 75.19. The permittee may use the default emission factors of 13.0 lbs CO/hr (for startups/shutdowns) and 0.112 lb CO/mmBtu of actual heat input (for all other operating periods) for calculating CO emissions, if alternative CO testing data is not available from this or a similar emissions unit.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

(2) For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

(3) The permittee shall determine compliance with the sulfur content standard as follows: ASTM D 1072-80, D 3031-81, D 4084-82, or D 3246-81 shall be used for the sulfur content of gaseous fuels. The permittee shall determine the heat content of the fuels using ASTM method D240. The applicable ranges of some ASTM methods mentioned above are not adequate to measure the levels of sulfur in some fuel gases. Dilution of samples before analysis (with verification of the dilution ratio) may be used, subject to the approval of the Ohio EPA, Central Office. The newest or most recent revisions to the applicable test method shall be used for these analyses. Alternative, equivalent methods may be used if they comply with the requirements specified in 40 CFR, Part 60.13, or upon written approval by the Ohio EPA, Central Office. The frequency of the sampling shall be such that it complies with the requirements specified in 40 CFR, Part

60.334. A custom fuel monitoring schedule may be used if approved by the Ohio EPA, Northwest District Office.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

(4) The information management system/control system for this emissions unit shall be capable of monitoring load conditions, ammonia injection rate, and fuel flow.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

(5) The permittee shall maintain a log of the downtime for the control system and monitoring equipment when the associated emissions unit is in operation.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

(6) The original permit to install for this emissions unit (PTI 03-13377, issued 5-15-2001), was evaluated based on the actual materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

a. Pollutant: Formaldehyde

TLV (ug/m3): 273 (Converted from the STEL)

Maximum Hourly Emission Rate (lbs/hr): 0.52*

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 1.38

MAGLC (ug/m3): 6.49

b. Pollutant: Sulfuric Acid

TLV (ug/m3): 1000

Maximum Hourly Emission Rate (lbs/hr): 1.43*

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 3.81

MAGLC (ug/m3): 23.8

c. Pollutant: Ammonia

TLV (ug/m3): 17000

Maximum Hourly Emission Rate (lbs/hr): 11.2*

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 29.7

MAGLC (ug/m3): 404.8

* This was modeled for emissions units P001 & P002 combined.

[PTI# P0139953]

(7) Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be still satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;

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

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

[PTI# P0139953]

(8) If the permittee determines that the "Air Toxic Policy" will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01 solely due to the emissions of any type of toxic air contaminant not previously emitted, and a modification of the existing permit to install will not be required, even if the toxic air contaminant emissions are greater than the de minimis level in OAC rule 3745-15-05. If the change(s) is (are) defined as a modification under other provisions of the modification definition, then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

a. description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and

c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

[PTI# P0139953]

e) Reporting Requirements

(1) The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

(2) The permittee shall submit quarterly deviation (excursion) reports that identify exceedances of the following:

a. 571,986,000 cubic feet of natural gas per rolling, 12-month period;

b. 14.8 tons of NOx per rolling, 12-month period;

c. 32.0 tons of CO per rolling, 12-month period;

d. any record which shows that the sulfur content of the natural gas exceeded 2 gr/100 cu. ft.

e. all periods of time when this emissions unit was not in compliance with the requirements established in c)(5) and c)(6); and

f. the permittee shall document the date, time, and duration of each malfunction and/or period of downtime of the control system, while the emissions unit was in operation, and the reason (if known) and the corrective actions taken (if any) for each such event.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

(3) The permittee shall submit annual reports that summarize the following: (a) the actual annual number of hours for startups and shutdowns, and (b) the actual annual NOx and CO emissions (during startups and shutdowns) for this emissions unit. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

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. <u>Emission Limitations</u>:

NOx emissions shall not exceed 14 ppmvd at 15% Oxygen, 0.0516 lb NOx/mmBtu of actual heat input, and 14.8 tons NOx per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the NOx outlet concentration and lb/mmBtu emission limitation has been demonstrated based on the results of emissions testing conducted on this or a similar emissions unit in accordance with approved US EPA Test Methods.

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

Compliance with the rolling, 12-month NOx emission limitation shall be based on the monitoring and record keeping requirements established in d)(1) above.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

b. Emission Limitations:

0.112 lb CO/mmBtu of actual heat input and 32.0 tons CO per rolling, 12-month period

Applicable Compliance Method:

Compliance with the CO lb/mmBtu emission limitation has been demonstrated based on the results of emissions testing conducted on this or a similar emissions unit in accordance with approved US EPA Test Methods.

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

Compliance with the rolling, 12-month CO emission limitation shall be determined based on the record keeping established in d)(1) above.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

c. Emission Limitations:

3.56 lbs PE/hr and 4.0 tons PE/yr

Applicable Compliance Method:

The hourly PE limitation was established by multiplying the maximum heat input rate of 254.2 mmBtu/hr by the vendor-supplied emission factor of 0.0140 lb PE/mmBtu.

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

The annual emission limitation was established by multiplying the vendor-supplied emission factor of 0.0140 lb PE/mmBtu, by the maximum annual natural gas usage of 571,986,000 cf, multiplied by the heat content of 0.001 mmBtu/cf, and then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the rolling, 12-month natural gas usage restriction, compliance with the annual emission limitation shall also be demonstrated.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

d. Emission Limitations:

1.45 lbs SO2/hr and 1.6 tons SO2/yr

Applicable Compliance Method:

The hourly SO2 emission limitation was established by multiplying the maximum sulfur content (2 gr/100 cf) by the maximum hourly natural gas flow rate (254,216 cf/hr), then divide by 7000 gr/lb, and multiplying by 2*.

If required, the permittee shall demonstrate compliance with the hourly SO2 emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 6.

The annual SO2 emission limitation was established by multiplying the maximum sulfur content (2 gr/100 cf) by the maximum by the maximum annual natural gas usage of 571,986,000 cf, then dividing by 7000 gr/lb and 2000 lbs/ton, and multiplying by 2*. Therefore, provided compliance is shown with the rolling, 12-month natural gas usage restriction, compliance with the annual emission limitation shall also be demonstrated.

* S to SO2 conversion factor

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

e. Emission Limitations:

2.29 lbs VOC/hr and 2.6 tons VOC/yr

Applicable Compliance Method:

The hourly allowable VOC emission limitation was established by multiplying the maximum heat input rate of 254.2 mmBtu/hr by the vendor-supplied emission factor of 0.0090 lb VOC/mmBtu.

If required, the permittee shall demonstrate compliance with the hourly allowable VOC emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 18, 25 or 25A, as appropriate.

The annual emission limitation was established by multiplying the vendor-supplied emission factor of 0.0090 lb VOC/mmBtu by the maximum annual natural gas usage of 571,986,000 cf, multiplied by the heat content of 0.001 mmBtu/cf, and then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the rolling, 12-month natural gas usage restriction, compliance with the annual emission limitation shall also be demonstrated.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

f. Emission Limitations:

0.18 lb/hr formaldehyde and 0.2 ton formaldehyde/yr

Applicable Compliance Method:

The hourly allowable formaldehyde emission limitation was established by multiplying the maximum heat input rate of 254.2 mmBtu/hr by the emission factor of 0.00071 lb formaldehyde/mmBtu (from AP-42, Table 3.1-3, revised 4/00).

If required, the permittee shall demonstrate compliance with the hourly allowable formaldehyde emission limitation through emission tests performed in accordance with 40 CFR, Part 60, Appendix A, Methods 1 through 4 and 320.

The annual emission limitation was established by multiplying the vendor-supplied emission factor of 0.00071 lb formaldehyde/mmBtu, by the maximum annual natural gas usage of 571,986,000 cf, multiplied by the a heat content of 0.001 mmBtu/cf, and then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the rolling, 12-month natural gas usage restriction, compliance with the annual emission limitation shall also be demonstrated.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

g. Emission Limitations:

Startup and shutdown emissions - 2.5 tons NOx/yr and 1.0 ton CO/yr

Applicable Compliance Method:

Compliance with the annual allowable NOx and CO emission limitations shall be determined based on the record keeping requirements established in d)(1) above.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

h. Emission Limitation:

Visible PE from any stack shall not exceed 10 percent opacity as a six-minute average.

Applicable Compliance Method:

Compliance with the visible PE limitation shall be determined by Method 9, 40 CFR, Part 60, Appendix A.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

g) Miscellaneous Requirements

(1) Should this emissions unit be converted from a simple cycle to a combined cycle turbine in the future, a new BAT determination shall be required.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

2. P002, CT#1 (Westinghouse 301G)

Operations, Property and/or Equipment Description:

33 MW NG fired turbine W/SCR

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) d)(6), d)(7), and d)(8).

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# P0139953 issued 7/21/26)	Nitrogen oxide (NOx) emissions shall not exceed 14 ppmvd at 15% oxygen. 0.0516 lb NOx/mmBtu of actual heat input. 0.112 lb carbon monoxide (CO)/mmBtu of actual heat input. 6.61 lbs particulate emissions (PE)/hr & 7.4 tons PE/yr. 2.69 lbs sulfur dioxide (SO2)/hr & 3.0 tons SO2/yr. 4.25 lbs volatile organic compounds (VOC)/hr & 4.80 tons VOC/yr. 0.34 lb formaldehyde/hr & 0.3 ton formaldehyde/yr.

		startup and shutdown emissions: 12.6 tons NOx/yr and 4.3 tons CO/yr. Visible PE from any stack shall not exceed 10 percent opacity, as a six-minute average. See b)(2)a.
b.	OAC rule 3745-31-05(D) (PTI# P0139953 issued 7/21/26)	59.5 tons CO per rolling, 12-month period. 27.4 tons NOx per rolling, 12-month period. See b)(2)b. and c)(1).
c.	OAC rule 3745-17-11(B)(4)	See b)(2)c.
d.	OAC rule 3745-17-07(A)	See b)(2)c.
e.	OAC rule 3745-18-06(F)	See b)(2)c.
f.	40 CFR 60, Subpart GG	See b)(2)d.
g.	40 CFR Part 97	<u>Emission limitation during the control period in each year:</u> NOx emissions shall not exceed 25 tons per each control period. See b)(2)e., b)(2)f., and c)(6).

(2) Additional Terms and Conditions

a. The 6.61 lbs PE/hr, 2.69 lbs SO2/hr, 4.28 lbs VOC/hr and 0.34 lb formaldehyde/hr emission limitations were established for PTI purposes to reflect the potentials to emit for this emissions unit. Therefore, it is not necessary to develop any additional monitoring, record keeping or reporting requirements to ensure compliance with these emission limitations.

b. The rolling 12-month emission limitations established in this permit do not include emissions from startups and shutdowns.

c. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

d. The emission limitation and sulfur content restriction [see c)(3) below] specified by this rule is less stringent than the emission limitation and sulfur content restriction established pursuant to OAC rule 3745-31-05(A)(3). Except as provided for in the terms and conditions of this permit, the permittee is not exempt from meeting any additional requirements of 40 CFR Part 60, Subpart GG.

e. Pursuant to the requirements specified in §97.4(b), this emissions unit is exempt from the requirements of the NOX Budget Trading Program, except for the special provisions of §97.4(b)(4), §97.2, §97.3, §97.4(a), §97.7, and subparts E, F, and G of 40 CFR Part 97.

i. Special provisions.

(a) Comply with the restriction on fuel use and unit operating hours, as established in this permit, during the control period in each year [see c)(2) and c)(6)].

(b) The Administrator will allocate NOX allowances to the unit under §§ 97.41(a) through (c) and 97.42(a) through (c). For each control period for which the unit is allocated NOX allowances under §§ 97.41(a) through (c) and 97.42(a) through (c):

(i) The owners and operators of the unit must specify a general account, in which the Administrator will record the NOX allowances; and

(ii) After the Administrator records a NOX allowance allocations under §§ 97.41(a) through (c) and 97.42(a) through (c), the Administrator will deduct, from the general account under paragraph (b)(4)(ii)(A) of this section, NOX allowances that are allocated for the same or a prior control period as the NOX allowances allocated to the unit under §§ 97.41(a) through (c) and 97.42(a) through (c) and that equal the NOX emission limitation (in tons of NOX) on which the unit's exemption under paragraph (b)(1) of this section is based. The NOX authorized account representative shall ensure that such general account contains the NOX allowances necessary for completion of such deduction.

(c) Report hours of unit operation during the control period in each year to the permitting authority by November 1 of that year [see e)(9)].

(d) For a period of 5 years from the date the records are created, the owners and operators of a unit exempt under §97.4(b)(1) shall retain, at the source that includes the unit, records demonstrating that the conditions of the federally enforceable permit under §97.4(b)(1) were met, including the restriction on fuel use or unit operating hours. The 5-year period for keeping records may be extended for cause, at any time prior to the end of the period, in writing by the permitting authority or the Administrator. The owners and operators bear the burden of proof that the unit met the restriction on fuel use or unit operating hours.

(e) The owners and operators and, to the extent applicable, the NOX authorized account representative of a unit exempt under §97.4(b)(1) shall comply with the requirements of the NOX Budget Trading Program concerning all periods for which the exemption is not in effect, even if such requirements arise, or must be complied with, after the exemption takes effect.

(f) On the earlier of the following dates, a unit exempt under §97.4(b)(1) shall lose its exemption:

(i) The date on which the restriction on fuel use or unit operating hours described in §97.4(b)(1) is removed from the unit's federally enforceable permit or otherwise becomes no longer applicable to any control period starting in 2004; or

(ii) The first date on which the unit fails to comply, or with regard to which the owners and operators fail to meet their burden of proving that the unit is complying, with the restriction on fuel use or unit operating hours described §97.4(b)(1) during any control period starting in 2004.

(g) A unit that loses its exemption in accordance with §97.4(b)(4)(vi) shall be subject to the requirements of 40 CFR Part 97. For the purpose of applying permitting requirements under subpart C of 40 CFR Part 97, allocating allowances under subpart E of 40 CFR Part 97, and applying monitoring requirements under subpart H of 40 CFR Part 97, the unit shall be treated as commencing operation and, if the unit is covered by §97.4(a)(1), commencing commercial operation on the date the unit loses its exemption.

(h) A unit that is exempt under §97.4(b)(1) is not eligible to be a NOX Budget opt-in unit under subpart I of 40 CFR Part 97.

f. The control period means the period beginning May 1 of a year and ending on September 30 of the same year.

c) Operational Restrictions

(1) The maximum annual natural gas usage for this emissions unit shall not exceed 1,062,369,000 cubic feet per rolling, 12-month period, based upon a monthly summation of the quantity of natural gas used.

[OAC rule 3745-77-07(A)(1) and PTI# P0139953]

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

[OAC rule 3745-77-07(A)(1) and PTI# P0139953]

(3) The maximum sulfur content of the natural gas shall not exceed 2 gr/100 cu. ft.

[OAC rule 3745-77-07(A)(1) and PTI# P0139953]

(4) For the purpose of controlling NOx emissions, this emission unit shall be controlled by a selective catalyst reduction (SCR) system equipped with ammonia injection. The control system shall meet the following requirements:

a. the control system shall be installed, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee, The permittee shall maintain on site a copy of the operation & maintenance manual, as provided by the manufacturer.

b. the control system shall be in operation at all times the emissions unit is operating at full load as described in condition c)(6);

c. the control system shall be designed and maintained in a manner to ensure that the ammonia injection is operating properly, including but not limited to, maintaining necessary parts for routine repairs and the use of duplicative components in critical systems;

d. the ammonia injection system shall use a programable logic controller in conjunction with the information management system whose logic is based upon site specific historical data to ensure an adequate amount of ammonia is being injected.

[OAC rule 3745-77-07(A)(1) and PTI# P0139953]

(5) The maximum heat input rating for this emissions unit is 472.2 mmBtu/hr. This value corresponds to a maximum natural gas flow rate of 472,164 cf/hr with a heat content of 1000 Btu/cf. The permittee shall operate this emissions unit within the parameters specified above, except for startup and shutdown periods. Startup periods shall be defined as the first 60 minutes in duration. Shutdown periods shall not exceed 30 minutes in duration.

[OAC rule 3745-77-07(A)(1) and PTI# P0139953]

(6) With the exception of startup and shutdown periods, this emissions unit shall be operated at 100% load. For environmental compliance purposes, 100% load is achieved when the control system receives confirmation from the unit's information management system that the conditions for 100% load are met. The permittee may petition the Ohio EPA to operate at a greater load range if it can demonstrate to the agency's satisfaction that the emissions unit will comply with all applicable emission limits in this permit.

[OAC rule 3745-77-07(A)(1) and PTI# P0139953]

(7) The maximum operating hours for this emissions unit shall not exceed 706 hours during the control period in each year, based upon a total summation of operating hours for each control period.

[OAC rule 3745-77-07(A)(1) and PTI# P0139953]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain monthly records of the following information for this emissions unit:

a. the quantity of natural gas used, in cubic feet;

b. the rolling, 12-month quantity of natural gas used, in cubic feet;

c. the NOx and CO emission rates*, in pounds;

d. the rolling, 12-month NOx and CO emissions rates*, in tons;

e. the number of hours of operation for startup and shutdown periods;

f. the NOx and CO emission rates* for the startup and shutdown periods, in tons; and

g. the annual, year-to-date NOx and CO emission rates*, in tons, associated with the startup and shutdown periods (summation of d)(1)f. for each pollutant).

* The permittee shall use the empirical data incorporated into the emission unit's information management system for calculating the NOx emissions or use a continuous monitoring system that meets the Low Mass Emitter (LME) requirements of 40 CFR 75.19. The permittee may use the default emission factors of 13.0 lbs CO/hr (for startups/shutdowns) and 0.112 lb CO/mmBtu of actual heat input (for all other operating periods) for calculating CO emissions, if alternative CO testing data is not available from this or a similar emissions unit.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

(2) For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

(3) The permittee shall determine compliance with the sulfur content standard as follows: ASTM D 1072-80, D 3031-81, D 4084-82, or D 3246-81 shall be used for the sulfur content of gaseous fuels. The permittee shall determine the heat content of the fuels using ASTM method D240. The applicable ranges of some ASTM methods mentioned above are not adequate to measure the levels of sulfur in some fuel gases. Dilution of samples before analysis (with verification of the dilution ratio) may be used, subject to the approval of the Ohio EPA, Central Office. The newest or most recent revisions to the applicable test method shall be used for these analyses.

Alternative, equivalent methods may be used if they comply with the requirements specified in 40 CFR, Part 60.13, or upon written approval by the Ohio EPA, Central Office. The frequency of the sampling shall be such that it complies with the requirements specified in 40 CFR, Part 60.334. A custom fuel monitoring schedule may be used if approved by the Ohio EPA, Northwest District Office.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

(4) The information management system/control system for this emissions unit shall be capable of monitoring load conditions, ammonia injection rate, and fuel flow.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

(5) The permittee shall maintain a log of the downtime for the control system and monitoring equipment when the associated emissions unit is in operation.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

(6) The original permit to install for this emissions unit (PTI 03-13377, issued 5-15-2001), was evaluated based on the actual materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

a. Pollutant: Formaldehyde

TLV (ug/m3): 273 (Converted from the STEL)

Maximum Hourly Emission Rate (lbs/hr): 0.52*

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 1.38

MAGLC (ug/m3): 6.49

b. Pollutant: Sulfuric Acid

TLV (ug/m3): 1000

Maximum Hourly Emission Rate (lbs/hr): 1.43*

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 3.81

MAGLC (ug/m3): 23.8

c. Pollutant: Ammonia

TLV (ug/m3): 17000

Maximum Hourly Emission Rate (lbs/hr): 11.2*

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 29.7

MAGLC (ug/m3): 404.8

* This was modeled for emissions units P001 & P002 combined.

[P0139953]

(7) Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be still satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;

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

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

[P0139953]

(8) If the permittee determines that the "Air Toxic Policy" will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01 solely due to the emissions of any type of toxic air contaminant not previously emitted, and a modification of the existing permit to install will not be required, even if the toxic air contaminant emissions are greater than the de minimis level in OAC rule 3745-15-05. If the change(s) is (are) defined as a modification under other provisions of the modification definition, then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

a. description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and

c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

[P0139953]

(9) During the control period in each year, the permittee shall maintain monthly records of the following:

a. the operating hours for each month of the control period; and

b. the total summation of operating hours for the control period.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

e) Reporting Requirements

(1) The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

(2) The permittee shall submit quarterly deviation (excursion) reports that identify exceedances of the following:

a. 1,062,369,000 cubic feet of natural gas per rolling, 12-month period;

b. 27.4 tons of NOx per rolling, 12-month period;

c. 59.5 tons of CO per rolling, 12-month period;

d. any record which shows that the sulfur content of the natural gas exceeded 2 gr/100 cu. ft,

e. all periods of time when this emissions unit was not in compliance with the requirements established in c)(5) and c)(6) above; and

f. The permittee shall document the date, time, and duration of each malfunction and/or period of downtime of the control system, while the emissions unit was in operation, and the reason (if known) and the corrective actions taken (if any) for each such event.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

(3) The permittee shall submit annual reports that summarize the following: (a) the actual annual number of hours for startups and shutdowns, and (b) the actual annual NOx and CO emissions (during startups and shutdowns) for this emissions unit. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

(4) A unit exempt under §97.4(b)(1) shall report the hours of unit operation during the control period in each year to the permitting authority by November 1 of that year.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

f) Testing Requirements

(1) Compliance with the emission limitations in Section b)(1) of the terms and conditions of this permit shall be determined according to the following methods:

a. Emission Limitations:

NOx emissions shall not exceed 14 ppmvd at 15% Oxygen, 0.0516 lbs NOx/mmBtu of actual heat input and 27.4 tons NOx per, rolling 12-month period

Applicable Compliance Method:

Compliance with the NOx outlet concentration and lb/mmBtu emission limitation has been demonstrated based on the results of emissions testing conducted on this or a similar emissions unit in accordance with approved US EPA Test Methods.

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

Compliance with the rolling, 12-month NOx emission limitation shall be based on the monitoring and record keeping requirements established in d)(1) above.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

b. Emission Limitations:

0.112 lb CO/mmBtu heat input and 59.5 tons CO per rolling, 12-month period

Applicable Compliance Method:

Compliance with the CO lb/mmBtu emission limitation has been demonstrated based on the results of emissions testing conducted on this or a similar emissions unit in accordance with approved US EPA Test Methods.

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

Compliance with the rolling, 12-month CO emission limitation shall be determined based on the record keeping established in d)(1) above.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

c. Emission Limitations:

6.61 lbs PE/hr and 7.4 tons PE/yr

Applicable Compliance Method:

The hourly PE limitation was established by multiplying the maximum heat input of 472.2 mmBtu/hr by the vendor-supplied emission factor of 0.0140 lb PE/mmBtu.

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

The annual emission limitation was established by multiplying the vendor-supplied emission factor of 0.0140 lb PE/mmBtu, by the maximum annual natural gas usage of 1,062,369,000 cf, multiplied by the a heat content of 0.001 mmBtu/cf, and then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the rolling, 12-month natural gas usage restriction, compliance with the annual emission limitation shall also be demonstrated.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

d. Emission Limitations:

2.69 lbs SO_2/hr and 3.0 tons SO_2/yr

Applicable Compliance Method:

The hourly SO_2 emission limitation was established by multiplying the maximum sulfur content (2 gr/100 cf) by the maximum hourly natural gas flow rate (472,164 cf/hr), divide by 7000 gr/lb; and multiply by 2*.

If required, the permittee shall demonstrate compliance with the hourly SO_2 emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 6.

The annual SO_2 emission limitation was established by multiplying the maximum sulfur content (2 gr/100 cf) by the maximum by the maximum annual natural gas usage of 1,062,369,000 cf, then dividing by 7000 gr/lb and 2000 lbs/ton, and multiplying by 2*. Therefore, provided compliance is shown with the rolling, 12-month natural gas usage restriction, compliance with the annual emission limitation shall also be demonstrated.

*S to SO_2 conversion factor

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

e. Emission Limitations:

4.25 lbs VOC/hr and 4.8 tons VOC/yr

Applicable Compliance Method:

The hourly allowable VOC emission limitation was established by multiplying the maximum heat input of 472.2 mmBtu/hr by the vendor-supplied emission factor of 0.0090 lb VOC/mmBtu.

If required, the permittee shall demonstrate compliance with the hourly allowable VOC emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 18, 25 or 25A, as appropriate.

The annual emission limitation was established by multiplying the vendor-supplied emission factor of 0.0090 lb VOC/mmBtu, by the maximum annual natural gas usage of 1,062,369,000 cf, multiplied by the a heat content of 0.001 mmBtu/cf, and then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the rolling, 12-month natural gas usage restriction, compliance with the annual emission limitation shall also be demonstrated.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

f. Emission Limitations:

0.34 lb/hr formaldehyde and 0.3 ton formaldehyde/yr

Applicable Compliance Method:

The hourly allowable formaldehyde emission limitation was established by multiplying the maximum heat input rate of 472.2 mmBtu/hr by the emission factor of 0.00071 lb formaldehyde/mmBtu (from AP-42, Table 3.1-3, revised 4/00).

If required, the permittee shall demonstrate compliance with the hourly allowable formaldehyde emission limitation through emission tests performed in accordance with 40 CFR, Part 60, Appendix A, Methods 1 through 4 and 320.

The annual emission limitation was established by multiplying the vendor-supplied emission factor of 0.00071 lb formaldehyde/mmBtu, by the maximum annual natural gas usage of 1,062,369,000 cf, multiplied by the a heat content of 0.001 mmBtu/cf, and then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the rolling, 12-month natural gas usage restriction, compliance with the annual emission limitation shall also be demonstrated.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

g. Emission Limitations:

Startup and shutdown emissions: 12.6 tons NOx/yr and 4.3 tons CO/yr

Applicable Compliance Method:

Compliance with the annual allowable NOx and CO emission limitations shall be determined based on the record keeping requirements established in d)(1) above.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

h. Emission Limitation:

Visible PE from any stack shall not exceed 10 percent opacity, as a six-minute average.

Applicable Compliance Method:

Compliance with the visible PE limitation shall be determined by Method 9, 40 CFR, Part 60, Appendix A.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

i. Emission Limitation:

NOx emissions shall not exceed 25 tons per each control period

Applicable Compliance Method:

Compliance with the emission limitation shall be demonstrated by compliance with the hours of operation restriction during the control period; monitoring and recordkeeping term d)(10) and reporting term e)(9).

The hours of operation during the control period was established by the following equation:

$$\left(\frac{25\ tons}{year}^{(1)} \times \frac{2000\ lbs}{ton}^{(2)}\right) \div \left(\frac{0.15\ lb\ NOx}{mmBtu}^{(3)} \times \frac{472.2\ mmBtu}{hr}^{(4)}\right)$$

Where:

(1) NOx emission limitation from 40 CFR Part 97.4(b)(1)

(2) Conversion factor

(3) Highest default NOx emission rate under 40 CFR 75.19

(4) Maximum rated hourly heat input

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]

g) Miscellaneous Requirements

(1) Should this emissions unit be converted from a simple cycle to a combined cycle turbine in the future, a new BAT determination shall be required.

[OAC rule 3745-77-07(C)(1) and PTI# P0139953]