



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

3/19/2013

Victor Canter
GE Logan Lighting Plant
12680 State Route 93 North
Logan, OH 43138

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL
Facility ID: 0637010000
Permit Number: P0108593
Permit Type: OAC Chapter 3745-31 Modification
County: Hocking

Certified Mail

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

Dear Permit Holder:

Enclosed please find a final Ohio Environmental Protection Agency (EPA) Air Pollution Permit-to-Install (PTI) which will allow you to install or modify the described emissions unit(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, we urge you to read it carefully. Because this permit contains conditions and restrictions, please read it very carefully. In this letter you will find the information on the following topics:

- **How to appeal this permit**
- **How to save money, reduce pollution and reduce energy consumption**
- **How to give us feedback on your permitting experience**
- **How to get an electronic copy of your permit**

How to appeal this permit

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

Environmental Review Appeals Commission
77 South High Street, 17th Floor
Columbus, OH 43215

How to save money, reduce pollution and reduce energy consumption

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. Additionally, all or a portion of the capital expenditures related to installing air pollution control equipment under this permit may be eligible for financing and State tax exemptions through the Ohio Air Quality Development Authority (OAQDA) under Ohio Revised Code Section 3706. For more information, see the OAQDA website: www.ohioairquality.org/clean_air

How to give us feedback on your permitting experience

Please complete a survey at www.epa.ohio.gov/dapc/pemitsurvey.aspx and give us feedback on your permitting experience. We value your opinion.

How to get an electronic copy of your permit

This permit can be accessed electronically via the eBusiness Center: Air Services in Microsoft Word format or in Adobe PDF on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab.

If you have any questions, please contact Ohio EPA DAPC, Southeast District Office at (740)3858501 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,

Michael W. Ahern

Michael W. Ahern, Manager

Permit Issuance and Data Management Section, DAPC

Cc: U.S. EPA
Ohio EPA-SEDO; West Virginia



FINAL

**Division of Air Pollution Control
Permit-to-Install
for
GE Logan Lighting Plant**

Facility ID:	0637010000
Permit Number:	P0108593
Permit Type:	OAC Chapter 3745-31 Modification
Issued:	3/19/2013
Effective:	3/19/2013



Division of Air Pollution Control
Permit-to-Install
for
GE Logan Lighting Plant

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Final Permit-to-Install
GE Logan Lighting Plant
Permit Number: P0108593
Facility ID: 0637010000
Effective Date: 3/19/2013

Authorization

Facility ID: 0637010000
Facility Description: Glass facility.
Application Number(s): A0042402, A0046873, A0046878
Permit Number: P0108593
Permit Description: 270 tons/day, natural gas-fired, number 2 glass melting furnace controlled with an electrostatic precipitator (ESP), (100% capture efficiency, 90% operating control efficiency), equipped with an air separation plant. This PTI is a Chapter 31 modification to PTI 06-08234 issued 5/3/2007, in order to increase the electric boost level on the natural gas-fired glass furnace from 333 kW to 1,000kW.
Permit Type: OAC Chapter 3745-31 Modification
Permit Fee: \$1,000.00
Issue Date: 3/19/2013
Effective Date: 3/19/2013

This document constitutes issuance to:

GE Logan Lighting Plant
12680 State Route 93 North
Logan, OH 43138

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

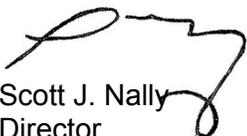
Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

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

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

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency


Scott J. Nally
Director



Final Permit-to-Install
GE Logan Lighting Plant
Permit Number: P0108593
Facility ID: 0637010000
Effective Date:3/19/2013

Authorization (continued)

Permit Number: P0108593
Permit Description: 270 tons/day, natural gas-fired, number 2 glass melting furnace controlled with an electrostatic precipitator (ESP), (100%capture efficiency, 90% operating control efficiency), equipped with an air separation plant. This PTI is a Chapter 31 modification to PTI 06-08234 issued 5/3/2007, in order to increase the electric boost level on the natural gas-fired glass furnace from 333 kW to 1,000kW.

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

Emissions Unit ID:	P002
Company Equipment ID:	F-2
Superseded Permit Number:	06-08234
General Permit Category and Type:	Not Applicable



Final Permit-to-Install
GE Logan Lighting Plant
Permit Number: P0108593
Facility ID: 0637010000
Effective Date: 3/19/2013

A. Standard Terms and Conditions



1. Federally Enforceable Standard Terms and Conditions

- a) All Standard Terms and Conditions are federally enforceable, with the exception of those listed below which are enforceable under State law only:
 - (1) Standard Term and Condition A.2.a), Severability Clause
 - (2) Standard Term and Condition A.3.c) through A. 3.e) General Requirements
 - (3) Standard Term and Condition A.6.c) and A. 6.d), Compliance Requirements
 - (4) Standard Term and Condition A.9., Reporting Requirements
 - (5) Standard Term and Condition A.10., Applicability
 - (6) Standard Term and Condition A.11.b) through A.11.e), Construction of New Source(s) and Authorization to Install
 - (7) Standard Term and Condition A.14., Public Disclosure
 - (8) Standard Term and Condition A.15., Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations
 - (9) Standard Term and Condition A.16., Fees
 - (10) Standard Term and Condition A.17., Permit Transfers

2. Severability Clause

- a) A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.
- b) All terms and conditions designated in parts B and C of this permit are federally enforceable as a practical matter, if they are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA and the State and by citizens (to the extent allowed by section 304 of the Act) under the Act. Terms and conditions in parts B and C of this permit shall not be federally enforceable and shall be enforceable under State law only, only if specifically identified in this permit as such.

3. General Requirements

- a) The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and re-issuance, or modification.



- b) It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.
- c) This permit may be modified, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.
- d) This permit does not convey any property rights of any sort, or any exclusive privilege.
- e) The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

4. Monitoring and Related Record Keeping and Reporting Requirements

- a) Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
 - (1) The date, place (as defined in the permit), and time of sampling or measurements.
 - (2) The date(s) analyses were performed.
 - (3) The company or entity that performed the analyses.
 - (4) The analytical techniques or methods used.
 - (5) The results of such analyses.
 - (6) The operating conditions existing at the time of sampling or measurement.
- b) Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.
- c) Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
 - (1) Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the Ohio EPA DAPC, Southeast District Office.



- (2) Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the Ohio EPA DAPC, Southeast District Office. The written reports shall be submitted (i.e., postmarked) quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. See A.15. below if no deviations occurred during the quarter.
 - (3) Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted (i.e., postmarked) to the Ohio EPA DAPC, Southeast District Office every six months, by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.
 - (4) This permit is for an emissions unit located at a Title V facility. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.
- d) The permittee shall report actual emissions pursuant to OAC Chapter 3745-78 for the purpose of collecting Air Pollution Control Fees.

5. Scheduled Maintenance/Malfunction Reporting

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

Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emission unit(s) that is (are) served by such control system(s).

6. Compliance Requirements

- a) The emissions unit(s) identified in this Permit shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.
- b) Any document (including reports) required to be submitted and required by a federally applicable requirement in this permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.



- c) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:
 - (1) At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
 - (2) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with ORC section 3704.08.
 - (3) Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
 - (4) As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.
- d) The permittee shall submit progress reports to the Ohio EPA DAPC, Southeast District Office concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:
 - (1) Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
 - (2) An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

7. Best Available Technology

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

8. Air Pollution Nuisance

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

9. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a) Reports of any required monitoring and/or recordkeeping of state-only enforceable information shall be submitted to the Ohio EPA DAPC, Southeast District Office.
- b) Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from state-only required emission limitations, operational restrictions, and control device operating parameter limitations that have



been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the Ohio EPA DAPC, Southeast District Office. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (i.e., postmarked) quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

10. Applicability

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

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

- a) This permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. This permit does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the application and terms and conditions of this permit. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of this permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Issuance of this permit is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.
- b) If applicable, authorization to install any new emissions unit included in this permit shall terminate within eighteen months of the effective date of the permit if the owner or operator has not undertaken a continuing program of installation or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.
- c) The permittee may notify Ohio EPA of any emissions unit that is permanently shut down (i.e., the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31) by submitting a certification from the authorized official that identifies the date on which the emissions unit was permanently shut down. Authorization to operate the affected emissions unit shall cease upon the date certified by the authorized official that the emissions unit was permanently shut down. At a minimum, notification of permanent shut down shall be made or confirmed by marking the affected emissions unit(s) as "permanently shut down" in Ohio EPA's "Air Services" along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update will constitute notifying of the permanent shutdown of the affected emissions unit(s).



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

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

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

12. Permit-To-Operate Application

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

13. Construction Compliance Certification

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

- a) Completion of initial installation date shall be entered upon completion of construction and prior to start-up.
- b) Commence operation after installation or latest modification date shall be entered within 90 days after commencing operation of the applicable emissions unit.

14. Public Disclosure

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



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

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

16. Fees

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

17. Permit Transfers

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

18. Risk Management Plans

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

19. Title IV Provisions

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



Final Permit-to-Install
GE Logan Lighting Plant
Permit Number: P0108593
Facility ID: 0637010000
Effective Date: 3/19/2013

B. Facility-Wide Terms and Conditions



Final Permit-to-Install
GE Logan Lighting Plant
Permit Number: P0108593
Facility ID: 0637010000
Effective Date: 3/19/2013

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:

None.

2. The following emissions units contained in this permit are subject to 40 CFR Part 60, Subpart CC: P002 and all fugitive emissions from glass manufacturing operations. The complete NSPS requirements, including the NSPS General Provisions may be accessed via the internet from the Electronic Code of Federal Regulations (e-CFR) website <http://ecfr.gpoaccess.gov> or by contacting the appropriate Ohio EPA District office or local air agency.



Final Permit-to-Install
GE Logan Lighting Plant
Permit Number: P0108593
Facility ID: 0637010000
Effective Date: 3/19/2013

C. Emissions Unit Terms and Conditions



1. P002, F-2

Operations, Property and/or Equipment Description:

270 tons/day, natural gas-fired, number 2 glass melting furnace controlled with an electrostatic precipitator (ESP), (100% capture efficiency, 90% operating control efficiency), equipped with an air separation plant. This PTI is a Chapter 31 modification to PTI 06-08234 issued 5/3/2007, in order to increase the electric boost level on the natural gas-fired glass furnace from 333 kW to 1,000kW.

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) g)(1).

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3), as effective 11/30/01	Carbon Monoxide (CO) emissions shall not exceed 1.72 lbs/hr and 7.53 tons/yr. Volatile Organic Compounds (VOC) shall not exceed 0.90 lb/hr and 3.94 tons/yr. Sulfur dioxide (SO ₂) emissions shall not exceed 1.68 lbs/hr and 7.36 tons/yr. Particulate emissions (PE) shall not exceed 1.02lbs/hr and 4.47 tons/yr. PM10 shall not exceed 1.02lbs/hr and 4.47 tons/yr. PM2.5 shall not exceed 1.02 lbs/hr and 4.47 tons/yr. See b)(2)a. and b)(2)c.i. below.
b.	OAC rule 3745-31-05(A)(3)(b) as effective 12/01/06	See b)(2)b. and b)(2)c. below.
c.	ORC 3704.03(T)	Nitrogen Oxides (NO _x) emissions shall not exceed 3.88 lbs of NO _x per ton of glass produced.
d.	OAC rule 3745-17-07(A)	Visible PE from any stack shall not



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		exceed 20 percent opacity as a six-minute average, except as specified by rule.
e.	OAC rule 3745-18-06(E)(2)	<p>Sulfur dioxide (SO₂) emissions shall not exceed 151.84 lbs/hr.</p> <p>This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State Implementation Plan.</p>
f.	OAC rule 3745-17-11	<p>This emission limitation is less stringent than the limitation listed under OAC rule 3745-31-05(A)(3), and until such time as U.S. EPA approves the December 1, 2006, version of OAC rule 3745-31-05 as part of the State Implementation Plan the referenced limit does not apply. After such time as U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05, then these emission limitations apply.</p> <p>This emission limitation is less stringent than the limit specified in 40 CFR Part 60, Subpart CC.</p>
g.	<p>40 CFR Part 60, Subpart CC (40 CFR Part 60.290-.296) [In accordance with 40 CFR 60.291, this emissions unit is a glass melting furnace at an existing glass manufacturing plant subject to the emissions limitations/control measures specified in this section.]</p>	<p>PE shall not exceed 0.1 gram per kilogram of glass produced (0.2 lb./ton of glass produced).</p> <p>This emission limitation is less stringent than the limitation listed under OAC rule 3745-31-05(A)(3), and until such time as U.S. EPA approves the December 1, 2006, version of OAC rule 3745-31-05 as part of the State Implementation Plan the referenced limit does not apply. After such time as U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05, then these emission limitations apply.</p>
h.	40 CFR Part 60, Subpart A (40 CFR 60.1-19)	General Provisions



(2) Additional Terms and Conditions

a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to Ohio Administrative Code (OAC) paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to the Ohio Revised Code (ORC) changes effective August 3, 2006 (Senate Bill 265 changes), such that BAT is no longer required by State regulations for National Ambient Air Quality Standards (NAAQS) pollutant(s) less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05, then these emission limitations/control measures no longer apply.

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

The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the SO₂, CO and VOC emissions from this air contaminant source since the uncontrolled potential to emit for SO₂, CO and VOC is less than 10 tons per year.

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

The BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the PE, PM₁₀, and PM_{2.5} emissions from this air contaminant source since the calculated annual emission rate for PE, PM₁₀, and PM_{2.5} emissions is less than 10 tons/year taking in to account the federally enforceable rule limit of 0.2 lb/ton (9.855 TPY at 270 tons/day) under 40 CFR Part 60, Subpart CC and use of the following control:

i. The emissions from this emissions unit shall be vented to the electrostatic precipitator (ESP) at all times the emissions unit is in operation.

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall properly install, operate, and maintain equipment to continuously monitor the secondary voltage, in kilovolts, and the current, in milliamps, for each of the fields within the ESP when the emissions unit is in operation, including periods of startup and shutdown. The permittee shall record the secondary voltage and the current for each of the fields within the ESP on a daily basis. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's



recommendations, instructions, and operating manual(s), with any modifications deemed necessary by the permittee.

The acceptable secondary voltage and current for each field of the ESP shall not be less than: 13 kilovolts and 21 milliamps, respectively.

Whenever the monitored value for the voltage and/or current within a field is below the values established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

- a. the date and time the deviation began;
- b. the magnitude of the deviation at that time;
- c. the date the investigation was conducted;
- d. the name(s) of the personnel who conducted the investigation; and
- e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment to at or above the minimum voltage and current values (s) specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

- f. a description of the corrective action;
- g. the date the corrective action was completed;
- h. the date and time the deviation ended;
- i. the total period of time (in minutes) during which there was a deviation;
- j. the secondary voltage and current readings for each field immediately after the corrective action; and
- k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

These secondary voltage and current values for the ESP are effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the voltage and current values based upon information obtained during future tests that demonstrate compliance with the allowable particulate emission rate for



the emissions unit. In addition, approved revisions to these values will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of an administrative permit modification.

- (2) The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emissions incident; and
 - e. any corrective actions taken to minimize or eliminate the visible emissions.

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

- (3) The permittee shall document and maintain a record of the following information and shall have the record on-file before beginning actual construction:
 - a. a description of the NSR project;

identification of the emissions unit(s) whose emissions of a regulated NSR pollutant could be affected by the NSR project; and
 - b. a description of the applicability test used to determine that the NSR project is not a major modification for any regulated NSR pollutant, including baseline actual emissions, the projected actual emissions, the amount of "could have accommodated" emissionsexcluded under (AAAAA)(1)(c) of the Ohio Administrative Code rule 3745-31-01 and an explanation for why such amount was excluded, and any netting calculations, if applicable.
- (4) The permittee shall calculate the emissions of NO_x, SO₂, PE, PM₁₀, PM_{2.5}, VOC and CO from the emissions units affected by the furnace (P002), and identified within the associated Permit to Install application, and maintain a record of the annual emissions,



in tons per year on a calendar year basis, for a period of 5 years following resumption of regular operations after the change.

- (5) See 40 CFR Part 60, Subpart CC (40 CFR 60.290-.296).

e) Reporting Requirements

- (1) Unless other arrangements have been approved by the Director, all notifications and report shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.
- (2) The permittee shall submit quarterly deviation (excursion) reports that identify the following:
- a. for each field of the ESP, each period of time (start time and date, and end time and date) when the field was not operating within the acceptable range(s) or at or above the minimum limit(s) for the secondary voltage and current;
 - b. any period of time (start time and date, and end time and date) when the emissions unit(s) was/were in operation and the process emissions were not vented to the ESP;
 - c. each incident of deviation described in "a" or "b" (above) where a prompt investigation was not conducted;
 - d. each incident of deviation described in "a" or "b" where prompt corrective action, that would bring the ESP into compliance with the acceptable range(s) or limit(s) for secondary voltage and current, was determined to be necessary and was not taken; and
 - e. each incident of deviation described in "a" or "b" where proper records were not maintained for the investigation and/or the corrective action(s), as identified in the monitoring and record keeping requirements of this permit.

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

- (3) The permittee shall submit semiannual written reports that identify:
- a. all days during which any visible particulate emissions were observed from the stack serving this emissions unit; and
 - b. any corrective actions taken to minimize or eliminate the visible particulate emissions.

These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

- (4) The permittee shall submit a report to the director if the annual emissions from the Electric Boost Furnace Project, in tons per year, for a period of five years following



resumption of regular operations after the change, exceed by a significant amount the baseline actuals (SO₂, 25.10 TPY; NO_x, 197.8 TPY; PM, 36.89 TPY; PM₁₀, 36.89 TPY; PM_{2.5}, 36.89 TPY; VOC, 1.96 TPY; and CO, 6.88 TPY) and if such emissions differ from the preconstruction projection. Such reports shall be submitted to the director within sixty (60) days after the end of such year. The report shall contain the following:

- a. The name, address, and telephone number of the major stationary source;
- b. The annual emissions.

(5) See 40 CFR Part 60, Subpart CC (40 CFR 60.290-.296).

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. Emissions Limitation:

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

Applicable Compliance Method:

Visible particulate emissions shall be determined according to USEPA Method 9. See f)(2).

- b. Emissions Limitation:

CO emissions shall not exceed 1.72 lbs/hr.

Applicable Compliance Method:

The emission limitation was established by the following calculations:

Furnace:

CO emission factor for natural gas combustion (Stack test 7/1/94 on number 1 furnace) X Furnace flow rate of natural gas in 1994 (supplied by permit application) / 1mmf³/1,000,000f³

$$13.7 \text{ lbs/mm}^3 \times 40,000 \text{ f}^3/\text{hr} \times 1\text{mm}^3/1,000,000\text{f}^3 = 0.55 \text{ lb/hr}$$

Forehearth:

CO emission factor for natural gas combustion (AP-42 chapter 1, table 1.4-1, 1998) X Forehearth flow rate of natural gas (supplied by permit application)

$$84 \text{ lbs/mm}^3 \times 13,900 \text{ f}^3/\text{hr} \times 1\text{mm}^3/1,000,000\text{f}^3 = 1.17 \text{ lbs/hr}$$

Combined:

$$0.55 \text{ lb/hr} + 1.17 \text{ lbs/hr} = 1.72 \text{ lbs/hr}$$



If required, carbon monoxide emissions shall be determined according to test Methods 1 - 4, and 10 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

c. Emissions Limitation:

CO emissions shall not exceed 7.53 tons/yr.

Applicable Compliance Method:

The ton per year emission limitation was developed by multiplying the short-term allowable CO emission limitation (1.72lbs/hr) by the maximum annual hours of operation (8,760 hours), and then dividing by 2,000 pounds per ton. Therefore, if compliance is shown with the short-term allowable emission limitation, compliance shall also be shown with the annual emission limitation.

d. Emissions Limitation:

VOC emissions shall not exceed 0.90 lb/hr.

Applicable Compliance Method:

The emission limitation was established by the following calculations:

Furnace:

VOC emission factor for natural gas combustion (AP-42 chapter 1, table 1.4-2, 1998) X Furnace flow rate of natural gas (supplied by permit application) / $1\text{mmf}^3/1,000,000\text{f}^3$

$$5.5 \text{ lbs/mm}^3 \times 40,200 \text{ f}^3/\text{hr} \times 1\text{mmf}^3/1,000,000\text{f}^3 = 0.22 \text{ lb/hr}$$

Forehearth:

VOC emission factor for natural gas combustion (AP-42 chapter 1, table 1.4-2, 1998) X Forehearth flow rate of natural gas (supplied by permit application)

$$5.5 \text{ lb/mm}^3 \times 13,900 \text{ f}^3/\text{hr} \times 1\text{mmf}^3/1,000,000\text{f}^3 = 0.076 \text{ lb of VOC/hr}$$

OC (organic compounds) emission factor for natural gas combustion (AP-42 chapter 1, table 1.4-2, 1998) X Forehearth flow rate of natural gas (supplied by permit application) x $1\text{mmf}^3/1,000,000\text{f}^3$

$$11 \text{ lbs/mm}^3 \times 54,100 \text{ f}^3/\text{hr} \times 1\text{mmf}^3/1,000,000\text{f}^3 = 0.60 \text{ lb of OC/hr}$$

Combined:

$$0.22 \text{ lb/hr} + 0.076 \text{ lb/hr} + 0.60 \text{ lb/hr} = 0.90 \text{ lb/hr}$$

If required, volatile organic compound emissions shall be determined according to test Methods 1 - 4, and 18, 25, or 25A as set forth in the "Appendix on Test



Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

e. Emissions Limitation:

VOC emissions shall not exceed 3.94 tons/yr.

Applicable Compliance Method:

The ton per year emission limitation was developed by multiplying the short-term allowable VOC emission limitation (1.30lbs/hr) by the maximum annual hours of operation (8,760 hours), and then dividing by 2,000 pounds per ton. Therefore, if compliance is shown with the short-term allowable emission limitation, compliance shall also be shown with the annual emission limitation.

f. Emissions Limitation:

SO₂ emissions shall not exceed 1.68 lbs/hr.

Applicable Compliance Method:

The emission limitation was established by the following calculations:

Furnace:

SO₂ emission factor for natural gas combustion (stack test 5/13/92) X furnace flow rate of natural gas (supplied by permit application) X oxy-fuel multiplier (supplied by permit application) / 1mmf³/1,000,000f³

$$94.96 \text{ lbs/mm}^3 \times 40,200 \text{ f}^3/\text{hr} \times .438 \times 1 \text{ mmf}^3/1,000,000\text{f}^3 = 1.67 \text{ lbs/hr}$$

Forehearth:

SO₂ emission factor for natural gas combustion (AP-42 chapter 1, table 1.4-2, 1998) X Forehearth flow rate of natural gas (supplied by permit application) / 1mmf³/1,000,000f³

$$0.6 \text{ lb/mm}^3 \times 13,900 \text{ f}^3/\text{hr} / 1 \text{ mmf}^3/1,000,000\text{f}^3 = 0.0083 \text{ lb/hr}$$

Combined:

$$1.67 \text{ lb/hr} + 0.0083 \text{ lb/hr} = 1.68 \text{ lbs/hr}$$

If required, sulfur dioxide emissions shall be determined according to test Methods 1 - 4, and 6 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

g. Emissions Limitation:

SO₂ emissions shall not exceed 7.36 tons/yr.



Applicable Compliance Method:

The ton per year emission limitation was developed by multiplying the short-term allowable SO₂ emission limitation (1.68lb/hr) by the maximum annual hours of operation (8,760 hours), and then dividing by 2,000 pounds per ton. Therefore, if compliance is shown with the short-term allowable emission limitation, compliance shall also be shown with the annual emission limitation.

h. Emissions Limitation:

SO₂ emissions shall not exceed 151.84 lbs/hr.

Applicable Compliance Method:

The emission limitation was established by the following calculation:

$$AER = (30) P^{0.67}$$

Where:

P is the process weight rate in tons per hour

$$=(270 \text{ tons/day})(1 \text{ day}/24 \text{ hours}) = 11.25 \text{ Tons/ hour}$$

AER is the allowable emission rate in pounds of sulfur dioxide per hour.

Therefore,

$$AER = (30) (11.25)^{0.67}$$

$$AER = 151.84 \text{ lbs/hr}$$

If required, sulfur dioxide emissions shall be determined according to test Methods 1 - 4, and 6 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

i. Emissions Limitation:

NO_x emissions shall not exceed 3.88lbs of NO_x per ton of glass produced.

Applicable Compliance Method:

The emission limitation was established by the following calculations:

Furnace:

NO_x emission factor for natural gas combustion (stack test 4/15/2008) X furnace flow rate of natural gas (supplied by permit application) / 1mmf³/1,000,000f³

$$1051.9 \text{ lbs/mm}^3 \times 40,200 \text{ f}^3/\text{hr} \times 1 \text{ mmf}^3/1,000,000 \text{ f}^3 = 42.29 \text{ lbs/hr}$$



Forehearths:

NO_x emission factor for natural gas combustion (AP-42 chapter 1, table 1.4-1, 1998) X Forehearth flow rate of natural gas (supplied by permit application)/ $1\text{mmf}^3/1,000,000\text{f}^3$

$$100 \text{ lb}/\text{mmf}^3 \times 13,900 \text{ f}^3/\text{hr} / 1\text{mmf}^3/1,000,000\text{f}^3 = 1.39 \text{ lbs}/\text{hr}$$

Combined:

$$42.29 \text{ lb}/\text{hr} + 1.39 \text{ lb}/\text{hr} = 43.68 \text{ lb}/\text{hr}$$

$$43.68 \text{ lb}/\text{hr} / 11.25 \text{ tons glass}/\text{hr} = 3.88 \text{ lbs} / \text{tons glass}$$

Where the maximum rate of glass produced (11.25 tons glass/hr) was supplied by permittee in the permit application.

Nitrogen oxides emissions shall be determined according to test Methods 1 - 4, and 7 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office. See f)(2).

j. Emissions Limitation:

PE, PM10 and PM2.5 emissions shall not exceed 1.02 lb/hr.

Applicable Compliance Method:

Compliance with the lb/hr emission limitation may be demonstrated by multiplying the maximum hourly glass production rate (11.25 tons of glass/hour) by the permittee-supplied short term PE potential-to-emit factor of 0.091 pound per ton of glass produced to obtain the total point source PM emissions, in lb/hr. The emission factor shall be updated whenever additional testing is performed.

Particulate emissions shall be determined according to test Methods 1 - 5, as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office. See f)(2).

k. Emissions Limitation:

PE, PM10 and PM2.5 emissions shall not exceed 4.47 ton/yr.

Applicable Compliance Method:

The ton per year emission limitation was developed by multiplying the short-term allowable PE emission limitation (1.02lb/hr) by the maximum annual hours of operation (8,760 hours), and then dividing by 2,000 pounds per ton. Therefore, if compliance is shown with the short-term allowable emission limitation, compliance shall also be shown with the annual emission limitation.



I. Emissions Limitation:

PE shall not exceed 0.1 gram per kilogram of glass produced (0.2lb/ton of glass produced).

Applicable Compliance Method:

Compliance with the particulate emission limitation of 0.2 lb of particulate/ton of glass produced shall be determined by dividing the particulate emission rate obtained during the most recent compliance test, in lbs/hr, by the actual glass produced during the test, in tons/hr.

In conducting the performance tests required in 40 CFR 60.8, the owner or operator shall use as reference methods and procedures and test methods in appendix A of section 40 CFR 60.296 or other methods and procedures as specified in this section, except as provided in 40 CFR 60.8(b). The owner or operator shall determine compliance with the particulate matter standard in 40 CFR 60.292 and 40 CFR 60.293 as follows:

- i. The emission rate (E) of particulate matter shall be computed for each run using the following equation:

$$E = (c_s Q_{sd} - A) / P$$

where:

E = emission rate of particulate matter, g/kg.

c_s = concentration of particulate matter, g/dscm.

Q_{sd} = volumetric flow rate, dscm/hr.

A = zero production rate correction = 227 g/hr for container glass, pressed and blown (soda-lime and lead) glass, and pressed and blown (other than borosilicate, soda-limes, and lead) glass.

P = glass production rate, kg/hr.

- ii. Method 5 shall be used to determine the particulate matter concentration (c_s) and volumetric flow rate (Q_{sd}) of the effluent gas. The sampling time and sample volume for each run shall be at least 60 minutes and 0.90 (31.8 dscf). The probe and filter holder heating system may be set to provide a gas temperature no greater than 177 ± 14 °C (350 ± 25 °F), except under the conditions specified in 40 CFR 60.293 (e).

- iii. Direct measurement or material balance using good engineering practice shall be used to determine the amount of glass pulled during the performance test.

The rate of glass produced is defined as the weight of glass pulled from the affected facility during the performance test divided by the number of hours taken to perform the performance test.

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



- a. The emission testing shall be conducted within 60 days after achieving the maximum production rate at which the emissions unit will be operated, but not later than 180 days after initial startup of the modified emissions unit.
- b. The emission testing shall be conducted to demonstrate compliance with the allowable mass particulate emission rate, visible emissions limitation, and mass nitrogen oxides emissions rate.
- (3) The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s):
 - for PE, Methods 1-5 of 40 CFR Part 60, Appendix A;
 - for NOx, Methods 1-4 and 7 of 40 CFR Part 60, Appendix A;
 - for Visible PE, Method 9 of 40 CFR Part 60, Appendix A.

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

- d. The test(s) shall be conducted under those representative conditions that challenge to the fullest extent possible a facility's ability to meet the applicable emissions limits and/or control requirements, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency. Although this generally consists of operating the emissions unit at its maximum material input/production rates and results in the highest emission rate of the tested pollutant, there may be circumstances where a lower emissions loading is deemed the most challenging control scenario. Failure to test under these conditions is justification for not accepting the test results as a demonstration of compliance.
- e. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).
- f. Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.
- g. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where



warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.

g) Miscellaneous Requirements

- (1) Modeling to demonstrate compliance with, the Toxic Air Contaminant Statute, ORC 3704.03(F)(4)(b), was not necessary because the emissions units maximum annual increased emissions between the permitted modifications of PTI 06-08234 issued 5/3/2007 and P0108593 for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified PTI prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials or use of new materials that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new PTI.