John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

6/11/2014

Certified Mail

No	TOXIC REVIEW
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
No	NSPS
No	NESHAPS
No	NETTING
No	MODELING SUBMITTED
No	SYNTHETIC MINOR TO AVOID TITLE V
No	FEDERALLY ENFORCABLE PTIO (FEPTIO)
No	SYNTHETIC MINOR TO AVOID MAJOR GHG

Brett Miller
VICKERY ENVIRONMENTAL INC
3956 S.R. 412
VICKERY, OH 43464

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0372000105
Permit Number: P0105623
Permit Type: Renewal
County: Sandusky

Dear Permit Holder:

Enclosed please find a final Ohio Environmental Protection Agency (EPA) Air Pollution Permit-to-Install and Operate (PTIO) which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. 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 PTIO 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/survey.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, Northwest District Office at (419)352-8461or 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: Ohio EPA-NWDO

FINAL

Division of Air Pollution Control
Permit-to-Install and Operate
for
VICKERY ENVIRONMENTAL INC

Facility ID:	0372000105
Permit Number:	P0105623
Permit Type:	Renewal
Issued:	6/11/2014
Effective:	6/11/2014
Expiration:	10/22/2019

Division of Air Pollution Control
Permit-to-Install and Operate
for
VICKERY ENVIRONMENTAL INC

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Authorization

Facility ID: 0372000105
Application Number(s): A0038559
Permit Number: P0105623
Permit Description: PTIO renewal for hazardous waste receiving and injection system (emissions unit P001)
Permit Type: Renewal
Permit Fee: $0.00
Issue Date: 6/11/2014
Effective Date: 6/11/2014
Expiration Date: 10/22/2019
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

VICKERY ENVIRONMENTAL INC
3956 S R 412
Vickery, OH 43464

of a Permit-to-Install and Operate 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, Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402
(419)352-8461

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (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 described emissions unit(s) will operate in compliance with applicable State and federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Craig W. Butler
Director

Authorization (continued)

Permit Number: P0105623
Permit Description: PTIO renewal for hazardous waste receiving and injection system (emissions unit P001)

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

Emissions Unit ID:	**P001**
Company Equipment ID:	Hazardous waste receiving and injection system
Superseded Permit Number:	03-17087
General Permit Category and Type:	Not Applicable

A. Standard Terms and Conditions

1. What does this permit-to-install and operate ("PTIO") allow me to do?

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

2. Who is responsible for complying with this permit?

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

3. What records must I keep under this permit?

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

4. What are my permit fees and when do I pay them?

There are two fees associated with permitted air contaminant sources in Ohio:

- PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

  You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

- Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

5. When does my PTIO expire, and when do I need to submit my renewal application?

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is

very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

6. What happens to this permit if my project is delayed or I do not install or modify my source?

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

7. What reports must I submit under this permit?

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions of this permit will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.

10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the [DO/LAA] in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

12. What happens if one or more emissions units operated under this permit is/are shut down permanently?

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. “Shut down” means 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.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emission unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as beingpermanently shut down without first applying for and obtaining a permit pursuantto OAC Chapter 3745-31.

13. Can I transfer this permit to a new owner or operator?

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the

change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

15. What happens if a portion of this permit is determined to be invalid?

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.

B. Facility-Wide Terms and Conditions

1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

   a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

      (1) None.

   b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

      (1) None.

C. Emissions Unit Terms and Conditions

1. P001, Hazardous waste receiving and injection system

Operations, Property and/or Equipment Description:

Hazadous waste receiving and treatment injection system

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. None.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	0.10 lb sulfuric acid (H_2SO_4)/hr and 0.44 tons H_2SO_4/yr 0.6 lb hydrochloric acid (HCl)/hr and 2.63 tons HCl/yr 91.47 lbs nitrogen oxides (NOx)/hr and 10.98 tons NOx/yr 3.0 lbs nitric acid (HNO_3)/hr and 13.14 tons HNO_3/yr 5.0 lbs organic compounds (OC)/hr and 21.90 tons OC/yr See b)(2)a.

(2) Additional Terms and Conditions

a. Best Available Technology (BAT) for this emissions unit has been determined to be the use of a wet scrubber and compliance with the terms and conditions of this permit.

c) Operational Restrictions

(1) The company shall not receive waste containing more than 5%, by weight, of organic compounds that have the potential to be emitted from the facility scrubber.

(2) The duration of NOx release events from this emissions unit shall not exceed 240 hours per year.

(3) The permittee shall only accept waste streams that meet the acceptance criteria set forth in the facilities current Ohio EPA Part B Permit (and as modified thereafter). The Permittee is prohibited from storing or treating hazardous waste that does not meet the Facility Waste Acceptance Conditions.

(4) The unloading of nitric acid waste and blending of nitric acid wastes with other wastes received shall be done in accordance with procedures outlined in the permittee's submittal to Ohio EPA dated August 26, 1991 (and as modified thereafter). The permittee must obtain approval from the Northwest District Office, Division of Air Pollution Control for any changes made to the dedicated nitric acid system or procedures.

(5) The permittee shall capture and exhaust any gas releases from the pressure relief valve(s) to the scrubber control system.

(6) The permittee shall utilize an air scrubbing reagent to aid in the removal of NOx during any NOx release events.

(7) High millivolt acidic wastewater blends shall be restricted to 10,000 gallons in volume in order to adjust the pH and minimize potential reactions.

d) Monitoring and/or Recordkeeping Requirements

(1) The company shall adhere to the waste analysis plan procedures outlined in the facilities current Ohio EPA Part B Permit (and as modified thereafter) for screening and analysis of incoming wastes to determine OC content that have the potential to be emitted from the facility scrubber. Records of all analyses performed in accordance with this requirement shall be maintained by the company. The record shall contain at a minimum:

a. name of the company from which the material was received;

b. address and location of the facility from which the material was received;

c. date and amount of material received; and

d. description of material including chemical composition and OC content that have the potential to be emitted from the facility scrubber determined in accordance with the waste analysis plan.

(2) The permittee shall collect and record the following information regarding NOx releases from this emissions unit:

a. the date, start and end times for each NOx release event;

b. the total duration, in hours, of each NOx release event; and

c. the total duration, in hours, for all NOx release events to date for the calendar year.

(3) The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop across the scrubber (in inches of water), the scrubber liquid flow rate (in gallons per minute) and the scrubber liquid pH during operation of this emissions unit, including periods of startup and shutdown. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s), with any modifications deemed necessary by the permittee.

a. The permittee shall record the following on a daily basis:

i. the pressure drop across the scrubber, in inches of water;

ii. the scrubber liquid flow rate, in gallons per minute; and

iii. the scrubber liquid pH.

b. Whenever the monitored range/value for the pressure drop, water flow rate and/or the pH deviates from the range/value specified below, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

i. the date and time the deviation began;

ii. the magnitude of the deviation at that time;

iii. the date the investigation was conducted;

iv. the name(s) of the personnel who conducted the investigation; and

v. the findings and recommendations.

c. In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the control equipment parameters within the acceptable range(s), or at or above the minimum limit(s) specified below, unless the permittee determines that corrective action is not necessary.

i. The permittee shall maintain records of the following information for each deviation when it was determined that corrective actions was not necessary:

(a) the reason corrective action was not necessary; and

(b) the date and time the deviation ended.

ii. The permittee shall maintain records of the following information for each deviation when corrective action was taken:

(a) a description of the corrective action;

(b) the date the corrective action was completed;

(c) the date and time the deviation ended;

(d) the total period of time (in minutes) during which there was a deviation;

(e) the pressure drop, flow rate, and pH readings immediately after the corrective action was implemented; and

(f) the name(s) of the personnel who performed the work.

iii. 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.

d. The acceptable ranges/values for the wet scrubber are as follows:

i. The pressure drop across the scrubber shall be continuously maintained within the range of 2 to 13 inches of water at all times while the emissions unit is in operation.

ii. The scrubber water flow rate shall be continuously maintained at a value of not less than 250 gallons per minute at all times while the emissions unit is in operation.

iii. The pH of the scrubber liquor shall be maintained within the range of 8 to 12 at all times while the emissions unit is in operation.

e. The range/values 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 values based upon information obtained during future performance tests that demonstrate compliance with the allowable emission rates for this emissions unit. In addition, approved revisions to the 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 modification.

e) Reporting Requirements

(1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA Northwest District Office by the due date identified in the Authorization section of this

permit. The PER shall cover a reporting period of no more than 12 months for each air contaminant source identified in this permit.

(2) The permittee shall identify in the annual permit evaluation report the following information concerning the operations of the wet scrubber during the 12-month reporting period for this/these emissions unit(s):

a. each period of time (start time and date, and end time and date)when the pressure drop across the scrubber, the liquid flow rate, or the liquid pH was/were outside of the appropriate range or exceeded the applicable limit contained in this permit;

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 scrubber;

c. each incident of deviation described in “e)(2)a.” or “e)(2)b.” (above) where a prompt investigation was not conducted;

d. each incident of deviation described in “e)(2)a.” or “e)(2)b.” where prompt corrective action, that would bring the pressure drop, liquid flow rate,and/or scrubber liquid pH into compliance with the appropriate range or limit contained in this permit, was determined to be necessary and was not taken; and

e. each incident of deviation described in “e)(2)a.” or “e)(2)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.

(3) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.

f) Testing Requirements

(1) 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 approximately 2.5 years after issuance of this permit.

b. The emission testing shall be conducted to demonstrate compliance with the allowable emission rates for OC, HCl, H_2SO_4 and HNO_3.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rates:

i. for OC, Methods 18, 25 or 25A (as applicable) of 40 CFR, Part 60, Appendix A;

ii. for HCl, Method 26 or 26A of 40 CFR, Part 60, Appendix A; and

iii. for H_2SO_4, Method 8 of 40 CFR, Part 60, Appendix A.

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

e. The permittee shall propose a test method to be employed for HNO_3. The proposed test method shall be included in the "Intent to Test" notification specified in f)(1)g below. The proposed test method must be approved by Ohio EPA.

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

g. 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).

h. 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.

i. 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.

(2) Compliance with the emission limitations specified in section (b)(1) of these terms and conditions shall be determined in accordance with the following methods:

a. <u>Emission Limitation:</u> 0.10 lb H_2SO_4/hr and 0.44 tons H_2SO_4/yr

<u>Applicable Compliance Method:</u> The permittee shall demonstrate compliance with the hourly limitation by emissions testing conducted in accordance with Methods 1-4 and 8 of 40 CFR, Part 60, Appendix A [See f)(1)].

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum annual operating schedule of 8760 hrs/yr and dividing by 2000 lbs/ton. Therefore provided compliance is shown with the hourly emission limitation, compliance with the annual emission limitation shall also be demonstrated.

b. Emission Limitation: 0.60 lb HCl/hr and 2.63 tons HCl/yr

Applicable Compliance Method: The permittee shall demonstrate compliance with the hourly limitation by emissions testing conducted in accordance with Methods 1-4 and 26 or 26A of 40 CFR, Part 60, Appendix A [(See f)(1)].

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum annual operating schedule of 8760 hrs/yr and dividing by 2000 lbs/ton. Therefore provided compliance is shown with the hourly emission limitation, compliance with the annual emission limitation shall also be demonstrated.

c. Emission Limitation: 91.47 lbs NOx/hr and 10.98 tons NOx/yr

Applicable Compliance Method: The hourly limitation was developed by converting 5000 ppm of NOx with appropriate conversion factors and 2600 ft^3/min.

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum hours of NOx emissions (240 hrs/yr) and dividing by 2000 lbs/ton. Therefore provided compliance is shown with the hourly emissionlimitation and the maximum hours of NOx emissions, compliance with the annual emission limitation shall also be demonstrated.

d. Emission Limitation: 3.0 lbs HNO_3/hr and 13.14 tons HNO_3/yr

Applicable Compliance Method: The permittee shall demonstrate compliance with the hourly limitation by emissions testing conducted in accordance with company's proposed method [(See f)(1)].

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum annual operating schedule of 8760 hrs/yr and dividing by 2000 lbs/ton. Therefore provided compliance is shown with the hourly emission limitation, compliance with the annual emission limitation shall also be demonstrated.

e. Emission Limitation: 5.0 lbs OC/hr and 21.90 tons OC/yr

Applicable Compliance Method: The permittee shall demonstrate compliance with the hourly limitation by emissions testing conducted in accordance with Methods 1-4 and 18, 25 or 25A (as applicable) of 40 CFR, Part 60, Appendix A [(See f)(1)].

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum annual operating schedule of 8760 hrs/yr and dividing by 2000 lbs/ton. Therefore provided compliance is shown with the hourly emission limitation, compliance with the annual emission limitation shall also be demonstrated.

g) Miscellaneous Requirements

(1) None.