



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL MODIFICATION
BUTLER COUNTY**

CERTIFIED MAIL

Street Address:

122 S. Front Street

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

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Lazarus Gov. Center
P.O. Box 1049

Application No: 14-03423

Fac ID: 1409030593

DATE: 2/3/2005

Bobmeyer Road Landfill
Connie Dall
5092 Aber Road
Williamsburg, OH 45176

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 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. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, Ohio 43215

Sincerely,

Michael W. Ahern, Manager
Permit Issuance and Data Management Section
Division of Air Pollution Control

cc: USEPA

HCDES



**Permit To Install
Terms and Conditions**

**Issue Date: 2/3/2005
Effective Date: 2/3/2005**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 14-03423

Application Number: 14-03423
Facility ID: 1409030593
Permit Fee: **\$200**
Name of Facility: Bobmeyer Road Landfill
Person to Contact: Connie Dall
Address: 5092 Aber Road
Williamsburg, OH 45176

Location of proposed air contaminant source(s) [emissions unit(s)]:
**2841 Bobmeyer Road
Fairfield, Ohio**

Description of proposed emissions unit(s):
Administrative Modification to PTI 14-03423, issued 1/19/1995, for Landfill Gas Collection and Enclosed Flare at a Closed MSW/CDD Landfill.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(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 included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Bobmeyer Road Landfill
PTI Application: 14-03423
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Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

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

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- 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 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 appropriate Ohio EPA District Office or local air agency. 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., 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.)

3. Records Retention Requirements

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.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized

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representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

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 of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

6. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

7. 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.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. 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.

9. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions

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and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. 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 the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install 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.

10. 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.

11. Applicability

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

12. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

13. Source Operation and Operating Permit Requirements After Completion of Construction

This facility is permitted to operate each source described by this Permit to Install for a period of

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up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

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14. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

15. 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 this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

SUMMARY (for informational purposes only)
 TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons Per Year</u>
PE/PM10	3.5
SO2	3.7
NOx	13.4
CO	67
VOC	4.2
HCl	2.6

Emissions Unit ID: **P001**

40 CFR Part 61, Subpart M and
OAC rule 3745-20-07

Applicable Emissions
Limitations/Control Measures

Particulate emissions (PE) shall not exceed 0.80 lb/hr and 3.5 TPY.

Particulate matter 10 microns and less (PM10) shall not exceed 0.80 lb/hr and 3.5 TPY.

Sulfur dioxide (SO2) emissions shall not exceed 0.85 lb/hr and 3.7 TPY.

Nitrogen oxides (NOx) emissions shall not exceed 3.1 lbs/hr and 13.4 TPY.

Carbon monoxide (CO) emissions shall not exceed 15.3 lbs/hr and 67 TPY.

Volatile organic compound (VOC) emissions shall not exceed 0.97 lb/hr and 4.2 TPY.

Hydrogen chloride (HCl) emissions shall not exceed 0.59 lb/hr and 2.6 TPY.

See terms A.2.a, A.2.b, A.2.c., and B.1. through B.4.

Visible particulate emissions from the flare shall not exceed ten percent (10%) opacity, as a six-minute average.

The requirements of this rule also include compliance with the requirements of OAC rule 3745-19,

OAC rule 3745-20-07, OAC rule 3745-21-08, OAC rule 3745-23-06(B), and 40 CFR Part 61, Subpart M.

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

See term B.5.

The control equipment requirement specified by this rule is less stringent than the control equipment requirement established pursuant to OAC rule 3745-31-05(A)(3).

See term A.2.e.

See term A.2.f.

See terms A.2.g and A.2.h.

2. Additional Terms and Conditions**2.a Gas Collection System**

Design, construction, and siting of the gas extraction wells and collection system shall be in accordance with the Bobmeyer Road Landfill PTI application submitted March 8, 1994, and the standard industry methods and practices currently in use. In addition, the gas collection system shall:

- i. Be designed to handle the maximum expected flow rate from the entire area of the landfill that warrants control over the intended use period of the gas control or treatment system equipment;
- ii. Collect gas from each area of the landfill in which refuse has been placed for a period of 2 years or more when the adjacent gas monitoring probes indicate offsite migration; and
- iii. Collect gas at a sufficient extraction rate.

2.b Control System

All landfill gas collected shall be routed to the control system (enclosed smokeless flare) designed and operated, within the parameter ranges demonstrated in the initial performance test or the most recent performance test that demonstrated compliance, to reduce NMOCs by 98 weight-percent or to reduce outlet NMOC concentration to 20 ppm (as hexane) by volume at three percent oxygen, or less.

- 2.c** The equipment that constitutes the gas collection and control system shall be properly maintained and kept in good operating condition at all times. The equipment shall be operated and maintained by personnel properly trained in its operation.
- 2.d** The hourly emission limitations outlined in term A.1. are based on the emission unit's Potential to Emit (PTE). Therefore, no hourly records are required to demonstrate compliance with these limits.
- 2.e** The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08 by committing to comply with the best available technology requirements established in Permit to Install 14-03423.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B);

therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the 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 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

- 2.f** The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06(B) by committing to comply with the best available technology requirements established in Permit to Install 14-03423.
- 2.g** The permittee shall comply with one of the following requirements for this inactive waste disposal site containing asbestos:
- i. discharge no visible emissions from the inactive waste disposal site; or
 - ii. cover the asbestos-containing waste material with at least six inches of compacted nonasbestos-containing material, and grow and maintain a cover of vegetation on the area adequate to prevent exposure of the asbestos-containing waste material; or
 - iii. cover the asbestos-containing waste material with at least two feet of compacted nonasbestos-containing material, and maintain the cover to prevent exposure of the asbestos-containing waste material.
- 2.h** Unless a natural barrier adequately deters access by the general public to the inactive asbestos waste disposal site, the permittee shall install and maintain warning signs and fencing as follows, or comply with OAC rule 3745-20-07(A)(2) or (A)(3) of this rule:
- i. Display warning signs at all entrances and at intervals of three hundred feet or less along the property line of the site or along the perimeter of the sections of the site where asbestos-containing waste material was deposited. The warning signs must:
 - (a) be posted in such a manner and location that a person can easily read the legend; and
 - (b) conform to the requirements for a twenty-inch by fourteen-inch upright format warning sign and display the following legend in the lower panel with letter sizes of at least one inch sans serif. Spacing between any two lines must be at least equal to the height of the upper of the two lines:

ASBESTOS WASTE DISPOSAL SITE
DO NOT CREATE DUST
BREATHING ASBESTOS IS HAZARDOUS TO YOUR HEALTH

- ii. Fence the perimeter of the site in a manner adequate to deter access by the general public.
- 2.i** Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the use of a gas collection system with an enclosed flare.

B. Operational Restrictions

1. Whenever the enclosed flare is in operation, a temperature of at least 1400 degrees Fahrenheit (or the temperature during the most recent compliance test which demonstrated compliance with the NMOC limits) must be maintained.
2. In the event the control system detects a no flame condition which cannot be immediately restarted, the gas collection system shall automatically shut down the flow of landfill gas.
3. The skin temperature of the flare shroud within four feet of all the source test ports shall not exceed 250 degrees Fahrenheit. If a heat shield is required to meet the requirement, its design shall be approved by the appropriate Ohio EPA District Office or local air agency prior to its construction. The heat shield, if required to meet the temperature requirement, shall be in place whenever a source test is conducted for the OhioEPA.
4. Any section of landfill material exposed during construction shall be covered as soon as possible once construction of that section is complete.
5. The permittee shall not cause or allow any open burning at this location in violation of OAC Chapter 3745-19.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the flare when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee. Recording devices shall be synchronized based on the time of day.

The permittee shall collect and record the following information for each day:

- a. all 3-hour blocks of time during which the average combustion temperature within the enclosed flare, when the emissions unit was in operation, was less than 1400 degrees Fahrenheit; and
 - b. a log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
2. The permittee shall maintain monthly records of the total emissions, in tons, for NO_x, PE/PM₁₀, CO, SO₂, VOC, and HCl in order to monitor compliance with the annual emission limitations.
 3. The permittee shall operate and maintain a temperature monitor and recorder which measures and records the skin temperature of the flare shroud when emissions testing is being conducted for the flare. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.
 4. The permittee shall maintain records of the location, depth and area, and quantity in cubic yards of all asbestos-containing waste materials within the disposal site, on a map or diagram of the disposal area.
 5. The permit to install for this emissions unit P001 was evaluated based on the actual materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Ground-Level Concentration (MAGLC).

The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: Hydrogen chloride

TLV (ug/m³): 2200

Maximum Hourly Emission Rate (lbs/hr): 0.59

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m³): 0.45

MAGLC (ug/m³): 52.4

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Pollutant: Toluene

TLV (ug/m3): 188,400

Maximum Hourly Emission Rate (lbs/hr): 0.37

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 0.28

MAGLC (ug/m3): 4486

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

- a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;
- b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled: and
- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

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

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

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

Emissions Unit ID: **P001**

- b. documentation of it's evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and
- c. when the computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

D. Reporting Requirements

1. The permittee shall submit semi-annual temperature deviation reports to the Hamilton County Department of Environmental Services which identify all 3-hour blocks of time during which the average flare temperature is less than 1400 degrees Fahrenheit (or the temperature during the most recent compliance test which demonstrated compliance). This report shall contain, at a minimum, the date, time of occurrence, cause, explanation, and corrective actions taken for any times when the temperature falls below the limit established during the initial performance test. If no deviation has occurred, the permittee shall submit a statement to that effect. Reports shall be submitted by January 31 and July 31 of each year and shall address the data obtained during the previous semi-annual period (July through December and January through June, respectively).
2. The permittee shall submit annual reports that specify the total PE/PM10, SO2, NOx, CO, VOC, and HCl emissions from this emissions unit for the previous calendar year to the Hamilton County Department of Environmental Services. These reports shall be submitted by January 31st of each year.
3. The permittee shall submit, upon closure of the facility, a copy of the records of the asbestos waste disposal locations and quantities to the appropriate Ohio EPA District Office or local air agency.
4. The permittee shall notify the appropriate Ohio EPA District Office or local air agency in writing at least 45 days prior to excavating or otherwise disturbing any asbestos-containing waste material that has been deposited at a waste disposal site and is covered. If the excavation will begin on a date other than the one contained in the original notice, notice of the new start date must be provided at least 10 working days before excavation begins and in no event shall excavation begin earlier than the date specified in the original notification. The following information shall be included in the notice:
 - a. Scheduled starting and completion dates.
 - b. Reason for disturbing the waste.
 - c. Procedures to be used to control emissions during the excavation, storage, transport, and ultimate disposal of the excavated asbestos-containing waste material. (If deemed necessary, the Director may require changes in the proposed emission control procedures).

Bobm**PTI A****Modification Issued: 2/3/2005**Emissions Unit ID: **P001**

- d. Location of any temporary storage site and the final disposal site.

E. Testing Requirements

1. Compliance with the emission limitations and operating limitations specified in Section A.1. shall be determined by the following methods:

- a. Emission Limitation(s):
 - 0.80 lb PE/PM10/hr
 - 0.85 lb SO₂/hr
 - 3.1 lbs NO_x/hr
 - 15.3 lbs CO/hr
 - 0.97 lb VOC/hr
 - 0.59 lb HCl/hr

Applicable Compliance Method: The hourly emission limitations are based upon the emission unit's potential to emit and the permittee's emissions data and technical analysis found in the application for PTI 14-03423, submitted November 19, 2004.

The permittee demonstrated compliance with the hourly CO, VOC, and HCl emission limitation based upon the results of the initial emission testing required in Section E.2. below. If required, the permittee shall demonstrate compliance with the hourly CO, VOC, and HCl emission limits through additional emission tests performed in accordance to the methods specified in Section E.2.

If required, the permittee shall demonstrate compliance with the hourly PE/PM10 emission limitation through emission tests performed in accordance with Methods 1-5 of 40 CFR Part 60, Appendix A.

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

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

- b. Emission Limitation(s):
 - 3.5 TPY PE/PM10
 - 3.7 TPY SO₂

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13.4 TPY NO_x
67 TPY CO
4.2 TPY VOC
2.6 TPY HCl

Applicable Compliance Method: Compliance with the annual NO_x, CO, VOC, PE/PM₁₀, and SO₂ emission limitations specified above shall be determined by the record keeping requirements specified in Section C.2.

- c. Emission Limitation:
Visible PE from the flare shall not exceed 10 percent opacity, as a six-minute average.

Applicable Compliance Method: If required, compliance with the visible PE limitation shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Test Method 9.

2. The permittee has conducted initial emission testing for this emissions unit in accordance with the following requirements:
- a. Emission testing shall be conducted within 90 days of commencing operation of the gas collection system and enclosed flare.
 - b. Emission testing shall be conducted to demonstrate compliance with the carbon monoxide emission limits, hydrogen chloride emission limits, VOC emission limits, and the NMOC control efficiency requirement.
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): for carbon monoxide, Method 10 of 40 CFR Part 60, Appendix A; for hydrogen chloride, Method 26 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA-approved test methods may be used with prior approval from the Hamilton County Department of Environmental Services.
 - d. The following test method shall be employed to demonstrate compliance with the VOC emission limit and NMOC control efficiency: Method 25C or 18 of 40 CFR, Part 60, Appendix A. Alternative U.S. EPA-approved test methods may be used with prior approval from the Hamilton County Department of Environmental Services.
 - e. Tests shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

Bobm**PTI A****Modification Issued: 2/3/2005**Emissions Unit ID: **P001**

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Hamilton County Department of Environmental Services.

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 Hamilton County Department of Environmental Services refusal to accept the results of the emission test(s).

Personnel from the Hamilton County Department of Environmental Services 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.

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 Hamilton County Department of Environmental Services 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 Hamilton County Department of Environmental Services.

F. Miscellaneous Requirements

1. The terms and conditions listed in this permit to install shall supercede all the air pollution control requirements contained in permit to install 14-03423 as issued on January 19, 1995.