



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL
HAMILTON COUNTY**

CERTIFIED MAIL

Street Address:

122 S. Front Street

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

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049

Application No: 14-05680

Fac ID: 1431072038

DATE: 5/5/2005

Barr Laboratories Inc
Daryl LeSueur
5040 Duramed Drive
Cincinnati, OH 45213

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

The Ohio EPA is urging 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 Pollution Prevention at (614) 644-3469.

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: 5/5/2005
Effective Date: 5/5/2005**

FINAL PERMIT TO INSTALL 14-05680

Application Number: 14-05680
Facility ID: 1431072038
Permit Fee: **\$200**
Name of Facility: Barr Laboratories Inc
Person to Contact: Daryl LeSueur
Address: 5040 Duramed Drive
Cincinnati, OH 45213

Location of proposed air contaminant source(s) [emissions unit(s)]:

**5040 Duramed Drive
Cincinnati, Ohio**

Description of proposed emissions unit(s):

Modification to PTI 14-04982; Fluidized Bed Granulator with packed-bed scrubber, carbon adsorption system, and HEPA filter.

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) 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 above described 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

Director

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

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

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 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	0.01
OC	9.38

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	OAC rule 3745-17-11
P006 - Fluidized Bed Granulator with packed-bed scrubber, carbon adsorption system, and HEPA filter	OAC rule 3745-31-05 (A)(3)	
		OAC rule 3745-21-07(G)

OAC rule 3745-31-05(C)

OAC rule 3745-17-07(A)(1)

Barr I

PTI A

Issued: 5/5/2005

Emissions Unit ID: **P006**

Applicable Emissions
Limitations/Control Measures

Organic Compound (OC) emissions shall not exceed 39.7 lbs/hr.

Particulate Emissions (PE) and Emissions of Particulate Matter less than 10 microns (PM10) shall not exceed 0.01 lb./hr and 0.01 TPY.

See terms and conditions A.2.b, A.2.c, A.2.d, and B.1 through B.3.

The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(C).

See terms and condition A.2.e. and B.4.

OC emissions shall not exceed 9.38 TPY based upon a rolling, 12-month summation.

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

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to OAC rule 3745-31-05 (A)(3)

2. Additional Terms and Conditions

- 2.a** Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the use of HEPA filter and packed-bed scrubber or carbon adsorption system, and compliance with the visible and mass emissions limitations and material usage limitations.
- 2.b** The permittee shall control the OC emissions from this emissions unit by use of a packed-bed scrubber capable of maintaining a minimum overall OC control efficiency of 90% by weight.
- 2.c** When manufacturing products utilizing chloroform, the exhaust gas from this emissions unit shall be controlled by a dual bed carbon adsorption unit prior to the packed-bed scrubber capable of maintaining a minimum overall OC control efficiency of 99% by weight.
- 2.d** Visible particulate emissions from this emissions unit shall not exceed 10% opacity, as a six- minute average.
- 2.e** The actual emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from emissions units P006 (Glatt Fluid Bed Granulator) and P007 (Niro Fluid Bed Granulator) at this facility shall not exceed 9.9 TPY for any single HAP and 24.9 TPY for any combination of HAPs. Compliance with the above limitations shall be based on a rolling, 12-month summation.
- The permittee has existing records to demonstrate compliance with the limitations in term A.2.e. upon permit issuance.
- 2.f** The hourly emission limitation for OC outlined above is based on the emissions unit's potential to emit (PTE). Therefore, no records are required to demonstrate compliance with this limit.

B. Operational Restrictions

1. The scrubber water supply pressure shall be continuously maintained at a value not less than that established during the most recent emission test that demonstrated compliance while the emissions unit is in operation.
2. The scrubber water flow rate shall be continuously maintained at a value not less than that established during the most recent emission test that demonstrated compliance while the emissions unit is in operation.

3. The OC concentration in the exhaust gases from the first bed of the dual bed carbon adsorption system shall not exceed an OC concentration (ppm) of 50 ppm.
4. The material usage for this emissions unit P006 shall be restricted such that the OC emissions from this emissions unit P006 shall not exceed 85,050 kg (187,600 lbs)pounds per year, based upon a rolling, 12-month summation.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall properly install, operate and maintain equipment to continuously monitor the scrubber water supply pressure and scrubber water flow rate while the emissions unit is in operation. The monitoring devices shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manuals, with deviations as deemed necessary by the permittee.

The permittee shall collect and record the following information each day that the emissions unit is operating:

- a. The scrubber water flow rate, in gallons per minute.
 - b. The scrubber water supply pressure, in psig.
 - c. 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 collect and record the following information for each batch:
 - a. Date the batch was produced.
 - b. The company identification of the product manufactured in each batch.
 - c. The alcohol (lbs), chloroform (lbs), and other OCs sprayed in each batch, by company product identification. This information may be kept in a separate, master record of batch formulation data.
 3. The permittee shall collect and record the following information each month:
 - a. The total OC-containing material usage, in pounds.
 - b. The total number of batches per month.

- c. The monthly OC emissions.

The monthly OC emissions shall be calculated as follows:

Monthly OC emissions (lbs/month) = total alcohol sprayed during a month (pounds) * (1 - the scrubber control efficiency determined during the most recent performance test for alcohol usage) + the total chloroform sprayed during the same month (pounds) * (1 - the carbon absorption system control efficiency for chloroform usage [99%]).

- d. The updated rolling, 12-month summation of total OC-containing material usage, in pounds.
- e. The updated rolling, 12-month summation of total OC emissions, in tons.

These records shall be summarized at the end of each calendar year to determine the annual OC emissions.

4. The permittee shall operate and maintain an organic monitoring device and recorder which measures and records the OC concentrations in the exhaust gases from the first bed of the dual bed carbon adsorption system when the emissions unit is in operation, and using chloroform.

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

- a. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
- b. The OC concentration in ppm (parts per million) in the exhaust gases from the first bed of the dual bed carbon adsorption system (when the emissions unit was in operation, and using chloroform).
5. The permittee shall collect and record the following information each month for emissions units P006 (Glatt Fluid Bed Granulator) and P007 (Niro Fluid Bed Granulator):
- a. The name and company I.D. for each product manufactured.
- b. The total number of batches produced of each product.
- c. The individual Hazardous Air Pollutant (HAP)*** content for each HAP of each product in pounds of individual HAP per batch of product.
- d. The total combined HAP content of each product in pounds of combined HAPs per batch

of product [sum all individual HAP contents from (c)].

- e. The total individual HAP emissions for each HAP from all products in pounds per month, calculated as follows:

(1) $b. \times c. \times (100\% - 90\%)$ for methanol

(2) $b. \times c. \times (100\% - 99\%)$ for chloroform

- f. If individual HAPs other than methanol and chloroform are employed in this emissions unit, total individual HAP emissions for each HAP from all products, in pounds per month, calculated as follows:

$b. \times c. \times (100\% - \text{control efficiency})$

where the value for the control efficiency is based on measurements or calculations with written approval from Hamilton County Department of Environmental Services.

- g. The total combined HAP emissions from all products, in pounds per month, calculated as the sum of C.5.e(1) + C.5.e(2) + additional records identified in C.5.f.
- h. The updated rolling, 12-month summation of emissions for each individual HAP, in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months.
- i. The updated rolling, 12-month summation of emissions for total combined HAP, in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months.

*** A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Hamilton County Department of Environmental Services contact.

6. The permit to install for this emissions unit was evaluated based on the actual materials (typically coatings and cleanup 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: Ethanol

TLV (ug/m3): 1,884,250

Maximum Hourly Emission Rate (lbs/hr): 39.69 (Emissions unit P006)

Predicted 1 Hour Maximum Ground-Level
Concentration (ug/m3): 4,032.19

Maximum Acceptable Ground-Level Concentration (MAGLC)(ug/m3): 44,863

Pollutant: Chloroform

TLV (ug/m3): 48,800

Maximum Hourly Emission Rate (lbs/hr): 3.97

Predicted 1 Hour Maximum Ground-Level Concentration (ug/m3): 403.3

Maximum Acceptable Ground-Level Concentration (MAGLC) (ug/m3): 1162

Physical changes to or in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air 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.);
- b. documentation of its 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 deviation (excursion) reports that identify all periods of time during which the following scrubber parameters were not maintained at or above the required levels in term B.1 and B.2:
 - a. The scrubber water flow rate; and
 - b. The scrubber water supply pressure.
2. The permittee shall submit deviation (excursion) reports that identify all exceedances of the following:
 - a. 85,080 kg (187,600 lbs) of OC input per year limitation, based upon a rolling, 12-month summation.

- b. 9.38 tons per year OC emissions limitation based upon a rolling, 12-month summation.
3. The permittee shall submit deviation (excursion) reports which identify all measurable ppm (when the emissions unit was in operation) during which the OC concentration of the exhaust gases from the carbon adsorption system exceeded the concentration limitation specified in term B.3.
4. The permittee shall submit quarterly deviation reports which identify any exceedance of the HAP emission limitations set forth in term A.2.e.
5. The deviation reports shall be submitted in accordance with the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance with the emission limitations specified in Section A.1 shall be determined by the following methods:
 - a. Emission limitation:

Visible particulate emissions from any stack shall not exceed 10 percent opacity, as a 6-minute average.

Applicable Compliance Method:

Compliance with the visible particulate emission limitation shall be demonstrated by the methods outlined in 40 CFR Part 60, Appendix A, Method 9.
 - b. Emission limitation:

0.01 lb PM/PM10/hr and 0.01 TPY

Applicable Compliance Method:

Compliance shall be determined utilizing the total dry material throughput (in lbs/hr) multiplied by the minimum HEPA control efficiency of 99.97%. The annual emission rate is obtained by multiplying the hourly emission rate by 8760 hours per year and dividing by 2000 lbs/ton.
 - c. Emission limitation:

39.7 lbs OC/hr

Applicable Compliance Method:

The weight rate of OC sprayed in this emissions unit specified in term C.2.c, multiplied by 1 minus the overall control efficiency of the appropriate control technique as documented in Permit to Install application 14-05680 received on February 8, 2005.

d. Emission limitation:

9.38 TPY OC based upon a rolling, 12-month summation

Applicable Compliance Method:

Compliance shall be determined by the record keeping in term and condition C.3.

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 three months of issuance of this permit.

b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emissions rate and overall control efficiency for OC.

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

for OC, Method 25 of 40 CFR Part 60, Appendix A- if applicable. Alternative U.S. EPA approved test methods may be used with prior approval from the Hamilton County Department of Environmental Services.

d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Hamilton County Department of Environmental Services.

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.

3. Compliance with the requirement to maintain a minimum overall OC control efficiency of 90% by weight at the scrubber, per term and condition A.2.b, shall be demonstrated by the latest scrubber OC control efficiency test and supported by mass transfer calculations from the scrubber manufacturer provided in the PTI application 14-05680 as received on February 8, 2005 and compliance with the scrubber operating requirements in terms and conditions B.1 and B.2.
4. Compliance with the requirement to maintain a minimum overall OC control efficiency of 99% by weight at the carbon adsorber, per term and condition A.2.c, shall be demonstrated by the latest carbon adsorber OC control efficiency test and supported by data provided in the PTI application 14-05680 as received on February 8, 2005 and compliance with the carbon adsorber operating requirements in term and condition B.3.
5. Compliance with the scrubber water supply pressure limitation in term and condition B.1 shall be demonstrated by the recordkeeping in term and condition C.1.
6. Compliance with the scrubber water flow rate limitation in term and condition B.2 shall be demonstrated by the recordkeeping in term and condition C.1.
7. Compliance with the OC concentration limitation in term and condition B.3 shall be demonstrated by the recordkeeping in term and condition C.4.
8. Compliance with the OC usage limitation in term and condition B.4 shall be demonstrated by the recordkeeping in term and conditions C.3.
9. Compliance with the HAPs emissions limitations in term and condition A.2.e. shall be

Barr Laboratories Inc
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Issued

Facility ID: 1431072038

Emissions Unit ID: **P006**

demonstrated by the recordkeeping in term and condition C.5.

F. Miscellaneous Requirements

1. The terms and conditions in this permit to install shall supersede Permit to Install 14-04982, as issued on September 19, 2000.
2. The following terms and conditions of this permit are federally enforceable: A, B, C.1 - C.5, D and E.