



State of Ohio Environmental Protection Agency

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

CERTIFIED MAIL

Street Address:

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

Mailing Address:
Lazarus Gov.
Center

Application No: 02-14214

DATE: 3/13/2001

Probex Corp
Mike Falconer
1467 Lemay, Suite 111
Carrollton, TX 75007

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 Director's 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
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA NEDO



STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

FINAL PERMIT TO INSTALL 02-14214

Application Number: 02-14214
APS Premise Number: 0215130344
Permit Fee: **\$10000**
Name of Facility: Probex Corp
Person to Contact: Mike Falconer
Address: 1467 Lemay, Suite 111
Carrollton, TX 75007

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

**Clark Ave
Wellsville, Ohio**

Description of proposed emissions unit(s):

New lubricant manufacturing facility.

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

Probex Corp

Facility ID: 0215130344

PTI Application: 02-14214

Issued: March 13, 2001

Part I - GENERAL TERMS AND CONDITIONS

A. State and Federally Enforceable Permit To Install General Terms and Conditions

1. Monitoring and Related Recordkeeping and Reporting Requirements

- a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
 - i. The date, place (as defined in the permit), and time of sampling or measurements.
 - ii. The date(s) analyses were performed.
 - iii. The company or entity that performed the analyses.
 - iv. The analytical techniques or methods used.
 - v. The results of such analyses.
 - vi. The operating conditions existing at the time of sampling or measurement.
- b. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.
- c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
 - i. Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
 - ii. Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the appropriate Ohio EPA District Office or local air agency. The written 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. See B.10 below if no deviations occurred during the quarter.

Probex Corp
PTI Application: 02-14214
Issued: March 13, 2001

Facility ID: 0215130344

- iii. Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.
- iv. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

2. Scheduled Maintenance/Malfunction Reporting

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

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

3. Risk Management Plans

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

4. Title IV Provisions

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

5. Severability Clause

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.

Probex Corp

Facility ID: 0215130344

PTI Application: 02-14214

Issued: March 13, 2001

6. General Requirements

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

7. 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.

8. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

9. Compliance Requirements

- a. Any document (including reports) required to be submitted and required by a federally

Probex Corp

PTI Application: 02-14214

Issued: March 13, 2001

Facility ID: 0215130344

applicable requirement in this permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.

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

10. Permit To Operate Application

- a. If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete

Probex Corp

Facility ID: 0215130344

PTI Application: 02-14214

Issued: March 13, 2001

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

- b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35 , the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. 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 thirty (30) days after commencing operation of the source(s) covered by this permit.

11. 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.

Probex Corp

Facility ID: 0215130344

PTI Application: 02-14214

Issued: March 13, 2001

B. State Only Enforceable 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 Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping of state-only enforceable information shall be submitted to the 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 state-only required emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the 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. 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.

4. 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.

5. Termination of Permit To Install

Probex Corp
PTI Application: 02-14214
Issued: March 13, 2001

Facility ID: 0215130344

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.

6. 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 are inadequate 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 prove to be inadequate or cannot meet applicable standards.

7. 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.

8. Applicability

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

9. Construction Compliance Certification

Probex Corp
PTI Application: 02-14214
Issued: March 13, 2001

Facility ID: 0215130344

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.

10. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations (See Section A of This Permit)

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.

C. 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>
PM	53.7 tpy
OC	99.0 tpy
SO ₂	187 tpy
NO _x	49.5 tpy
CO	33.5 tpy

Probex Corp
 PTI Application: 02-14214
 Issued: March 13, 2001

Facility ID: 0215130344

Part II - FACILITY SPECIFIC TERMS AND CONDITIONS

A. State and Federally Enforceable Permit To Install Facility Specific Terms and Conditions

The following sources are subject to the applicable provisions of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60.

<u>Source Number</u>	<u>Source Description</u>	<u>NSPS Regulation (Subpart)</u>
P001	Oil and gas-fired furnace with a rated heat capacity of 85 MMBtu/hr	40 CFR Part 60, Subpart Dc
T001	25,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T002	25,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T003	38,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T004	21,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T005	21,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T006	21,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T007	21,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T008	1,600,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T009	1,600,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T010	900,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T011	53,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T012	1,500,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T013	635,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T014	160,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T015	135,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T016	135,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T017	60,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T018	60,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T019	711,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T020	711,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T021	376,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T022	376,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T023	19,000 gallon storage tank	40 CFR Part 60, Subpart Kb
T024	147,000 gallon storage tank	40 CFR Part 60, Subpart Kb

The application and enforcement of these standards are delegated to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

- a. construction date (no later than 30 days after such date);
- b. anticipated start-up date (not more than 60 days or less than 30 days prior to such date);

Probex Corp

Facility ID: 0215130344

PTI Application: 02-14214

Issued: March 13, 2001

- c. actual start-up date (within 15 days after such date); and
- d. date of performance testing (If required, at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
DAPC - Air Quality Modeling and Planning
P.O. Box 1049
Columbus, OH 43216-1049

and

Ohio Environmental Protection Agency
Division of Air Pollution Control
2110 East Aurora Road
Twinsburg, OH 44087

B. State Only Enforceable Permit To Install Facility Specific Terms and Conditions

None

Probe:

PTI A

Emissions Unit ID: F001

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
Fugitive emissions from equipment leaks from valves, pumps, compressors, flanges and relief valves.	OAC rule 3745-31-05(A)(3)	47.0 tons per year of OC emissions.
	OAC rule 3745-21-09(DD)	Exempt

2. Additional Terms and Conditions

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

- 1. The permittee shall develop and implement a monitoring program which incorporates the following:
 - a. quarterly equipment monitoring (compressor seals, valves, pressure relief valves, etc.);
 - b. if one percent or less of the monitored equipment is leaking for two consecutive monitoring periods, the permittee may skip alternate quarterly leak detection monitoring periods, provided each applicable piece of equipment is monitored once per year;
 - c. if 0.5 percent or less of the monitored equipment is leaking for two consecutive

Emissions Unit ID: F001

monitoring periods, the permittee may skip three quarterly leak detection monitoring periods

- d. if at any time, the percent of leaking equipment exceeds two percent, then the permittee shall resume quarterly equipment monitoring.
2. The permittee shall repair any leaks within 15 days after the leak is observed.
3. The permittee shall maintain an accurate list of all components in service.
4. The permittee shall maintain a leak repair log which includes the following information:
 - a. the name of the process unit where the leaking component is located;
 - b. the type of leaking component (such as valve, seal, or other component);
 - c. the identification number (ID #) of the leaking component;
 - d. the date the leaking component was detected;
 - e. the date the leaking component was repaired.

IV. Reporting Requirements

1. The permittee shall submit semi-annual reports which include the following:
 - a. the number of components with leaks detected, the ID # of the leaking component, the date of the leak detection and the date of the leak repair;
 - b. the number of leaking components (and the associated ID #'s) not repaired within 15 days, the reason for the delay and the actual date of the repair;
 - c. the dates of process unit shutdown that occurred within the semi-annual period.

The semi-annual reports shall be submitted the Ohio EPA, Northeast District Office by February 1 and August 1 of each year.

V. Testing Requirements

If required by the Ohio EPA, any monitoring tests shall be conducted in accordance with OAC rule 3745-21-10(F).

VI. Miscellaneous Requirements

None

Probe:

PTI A

Emissions Unit ID: F001

Issued: March 13, 2001

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
Fugitive emissions from equipment leaks from valves, pumps, compressors, flanges and relief valves.		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

16

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: F001

Probe:

PTI A

Emissions Unit ID: F002

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
Paved roadways and parking areas.	OAC rule 3745-31-05(A)(3)	22.6 tons per year of particulate emissions.
		No visible particulate emissions except for one minute during any 60-minute period.
	OAC rule 3745-17-07(B)(4)	Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust. See Additional Terms and Conditions A.I.2.b. through A.I.2.f.
	OAC rule 3745-17-08(B)(8), (B)(9)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
		The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a The paved roadways and parking areas that are covered by this permit and subject to the above-mentioned requirements are listed below:

paved roadways:

Main plant road (south)	0.184 mile
Truck staging area	0.036 mile
Main plant road (north)	0.26 mile
General plant access	0.21 mile

paved parking areas:

Main parking area	0.02 mile
-------------------	-----------

- 2.b** The permittee shall employ best available control measures on all paved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to enforcing speed reduction of all vehicles at the facility. The permittee may be required to treat the paved roadways and parking areas by sweeping and/or water flushing at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- 2.c** The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for a paved roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.
- 2.d** The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.
- 2.e** Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.
- 2.f** Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05.

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

- 1. Except as otherwise provided in this section, the permittee shall perform inspections of the paved roadways and parking areas in accordance with the following frequencies:

<u>paved roadways</u>	<u>minimum inspection frequency</u>
-----------------------	-------------------------------------

All paved roadways	Weekly
--------------------	--------

<u>paved parking areas</u>	<u>minimum inspection frequency</u>
----------------------------	-------------------------------------

All paved parking areas	Weekly
-------------------------	--------

- 2. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.
- 3. The permittee may, upon receipt of written approval from the appropriate Ohio EPA, Northeast District Office, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
- 4. The permittee shall maintain records of the following information:
 - a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
 - c. the dates the control measures were implemented; and
 - d. on a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

Emissions Unit ID: F002

The information required in 4.d. shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

IV. Reporting Requirements

1. The permittee shall submit deviation reports that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
 - b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

V. Testing Requirements

1. Compliance with the emission limitation for the paved roadways and parking areas identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources," as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.
2. Emission Limitation:
22.6 tons per year of particulate emissions

Applicable Compliance Method:

Compliance shall be based on emission factors outlined in AP-42, Section 13.2.1 (Paved Roads, 10/97 - Fifth Edition), using the following equation:

$$\text{Emission Factor (lb PM / VMT)} = k * (sL/2)^{0.65} * (W/3)^{1.5}$$

Where: $k = 0.082 \text{ lb/VMT}$ (AP-42, Section 13.2.21, Table 13.2.1-1)

VMT = vehicle mile traveled

sL = 14 g/m^2 (AP-42, Section 13.2.1, Table 13.2.1-3)

W = average weight of vehicles

VI. Miscellaneous Requirements

None

Probe:

PTI A

Emissions Unit ID: F002

Issued: March 13, 2001

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
Paved roadways and parking areas.		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:

PTI A

Emissions Unit ID: P001

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>
Oil and gas-fired furnace with a rated heat capacity of 85 MMBtu/hr	OAC rule 3745-31-05(A)(3)
	OAC rule 3745-18-06
	OAC rule 3745-17-07
	OAC rule 3745-17-10(C)(1)
	40 CFR Part 60, Subpart Dc

Applicable Emissions <u>Limitations/Control</u> <u>Measures</u>	hour of not more than 27% opacity.
6.80 pounds per hour and 29.8 tons per year of particulate emissions.	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
21.3 pounds per hour and 93.1 tons per year of NOx emissions.	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 40 CFR Part 60, Subpart Dc.
42.5 pounds per hour and 187 tons per year of SO ₂ emissions.	
4.25 pounds per hour and 18.6 tons per year of VOC emissions.	
7.65 pounds per hour and 33.5 tons per year of CO emissions.	
The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-10 and 40 CFR Part 60, Subpart Dc.	
The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).	
0.5 pound of SO ₂ emissions per million Btu actual heat input.	
Visible particulate emissions from any stack shall not exceed 20% opacity as a six-minute average, except for one six-minute period per	

Probe:

PTI A

Emissions Unit ID: P001

Issued: March 13, 2001

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall burn only natural gas, number two fuel oil, light oils and/or process off gases in this emissions unit.
2. The quality of fuel oil, light oils and process off gases burned in this emissions unit shall meet a sulfur content which is sufficient to comply with the allowable sulfur dioxide emission limitation.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain weekly records of the types and quantity of fuel burned in this emissions unit and/or any other record keeping requirement outlined in 40 CFR Part 60, Subpart Dc, Section 60.48c.
2. The permittee shall collect or require the supplier to collect a representative grab sample for each type of fuel (fuel oil and light oils) that is burned in this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with the following ASTM methods: ASTM method D4294, ASTM method D240, or ASTM method 6010 for sulfur content; and ASTM method D240 for heat content. Alternative, equivalent methods may be used upon written approval by the Ohio EPA, Northeast District Office. The representative sulfur dioxide emission rate from any sample shall be calculated using the formula in OAC rule 3745-18-04(F)(2).
3. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: P001

- a. the color of the emissions;
- b. whether the emissions are representative of normal operations;
- c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
- d. the total duration of any visible emission incident; and
- e. any corrective actions taken to eliminate the visible emissions.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas, number two fuel oil, light oils and/or process off gases in this emissions unit.
2. The permittee shall submit, annually by January 31, copies of the permittee's or supplier's analyses for each type of fuel which is burned in this emissions unit. The permittee's or supplier's analyses shall document the sulfur content (percent) for each fuel. The total quantity of fuel burned in the emissions unit shall also be included.
3. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Ohio EPA, Northeast District Office by January 31 and July 31 of each year and shall cover the previous 6-month period.

V. Testing Requirements

1. Emission Testing Requirement

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 3 months after startup.
- b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rates for the following: particulate emissions (PE), nitrogen oxide (NO_x), sulfur dioxide (SO₂), volatile organic compounds (VOC) and carbon monoxide (CO).
- c. The following test methods shall be employed to demonstrate compliance with the allowable mass emission rates:
PE - Methods 1 - 5 of 40 CFR Part 60, Appendix A,
NO_x - Method 7 or 7E of 40 CFR Part 60,

Emissions Unit ID: P001

Appendix A,
 SO₂ - Method 6B of 40 CFR Part 60, Appendix A,
 VOC - Method 25 or 25A of 40 CFR Part 60,
 Appendix A
 CO - Method 10 of 40 CFR Part 60, Appendix A.

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

- d. The tests shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Northeast District Office.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northeast District Office. 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, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast District Office 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 Ohio EPA, Northeast District Office 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 Ohio EPA, Northeast District Office.

2. Emission Limitation:
 6.80 pounds per hour and 29.8 tons per year of particulate emissions

Applicable Compliance Method:

Particulate emissions shall be determined in accordance with the emissions testing outlined in section V.1, using Methods 1 - 5 of 40 CFR Part 60, Appendix A. The annual limit is based on the allowable hourly emissions rate (6.80 lbs/hr) multiplied by the maximum possible operating hours (8,760 hr/yr), and divided by 2,000 lb/ton. Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

3. Emission Limitation:
 21.3 pounds per hour and 93.1 tons per year of NO_x emissions

Applicable Compliance Method:

NO_x emissions shall be determined in accordance with the emissions testing outlined in section V.1, using Method 7 or 7E of 40 CFR Part 60, Appendix A. The annual limit is based on the

Probe:

PTI A

Emissions Unit ID: P001

Issued: March 13, 2001

allowable hourly emissions rate (21.3 lbs/hr) multiplied by the maximum possible operating hours (8,760 hr/yr), and divided by 2,000 lb/ton. Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

4. Emission Limitation:
0.5 pound of SO₂ emissions per million Btu actual heat input, 42.5 pounds per hour and 187 tons per year of SO₂ emissions

Applicable Compliance Method:

SO₂ emissions shall be determined in accordance with the emissions testing outlined in section V.1, using Method 6B of 40 CFR Part 60, Appendix A. The annual limit is based on the allowable hourly emissions rate (42.5 lbs/hr) multiplied by the maximum possible operating hours (8,760 hr/yr), and divided by 2,000 lb/ton. Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

5. Emission Limitation:
4.25 pounds per hour and 18.6 tons per year of VOC emissions

Applicable Compliance Method:

VOC emissions shall be determined in accordance with the emissions testing outlined in section V.1, using Method 25 or 25A of 40 CFR Part 60, Appendix A. The annual limit is based on the allowable hourly emissions rate (4.25 lbs/hr) multiplied by the maximum possible operating hours (8,760 hr/yr), and divided by 2,000 lb/ton. Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

6. Emission Limitation:
7.65 pounds per hour and 33.5 tons per year of CO emissions

Applicable Compliance Method:

CO emissions shall be determined in accordance with the emissions testing outlined in section V.1, using Method 10 of 40 CFR Part 60, Appendix A. The annual limit is based on the allowable hourly emissions rate (7.65 lbs/hr) multiplied by the maximum possible operating hours (8,760 hr/yr), and divided by 2,000 lb/ton. Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

7. Emission Limitation:
20% opacity for visible particulate emissions, as a six-minute average.

Applicable Compliance Method:

Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in U.S. EPA reference Method 9. Compliance for the visible emission limitation shall also be based on the record keeping requirements in section A.III.3.

VI. Miscellaneous Requirements

None

Probe:

PTI A

Emissions Unit ID: P001

Issued: March 13, 2001

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
Oil and gas-fired furnace with a rated heat capacity of 85 MMBTU/hr		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

1. 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 Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: HCl

TLV (mg/m3): 7.46

Maximum Hourly Emission Rate (lbs/hr): 2.05

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 3.87

Probe:**PTI A**

Emissions Unit ID: P001

Issued: March 13, 2001

MAGLC (ug/m3): 178

Pollutant: Ethylene Glycol

TLV (mg/m3): 100

Maximum Hourly Emission Rate (lbs/hr): 1.82

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 2.67

MAGLC (ug/m3): 2,381

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

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

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(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

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

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

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

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:

PTI A

Emissions Unit ID: P002

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**A. State and Federally Enforceable Section****I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
Tank, truck and railcar loading and unloading operations, wastewater treatment vessels, and thermal oxidizer.	OAC rule 3745-31-05(A)(3)	<p>21.0 pounds per hour of OC emissions from the stack. See Additional Terms and Conditions A.I.2.a.</p> <p>18.7 tons per year of OC emissions from stack and fugitive emissions.</p> <p>This facility shall maintain for this emissions unit a control efficiency (i.e., destruction or removal efficiency) which is at least 98% by weight.</p>
	OAC rule 3745-21-07(G)(2)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a The short term emission limitation for OC established in A.I.1 above was established to reflect the potential to emit; therefore, it is not necessary to develop recordkeeping and/or monitoring requirements to ensure compliance with this limit.

II. Operational Restrictions

1. A thermal oxidizer shall be used while loading odorous materials at this emissions unit .

Probex Corp

PTI Application: 02-14214

Issued

Facility ID: 0215130344

Emissions Unit ID: P002

2. The average combustion temperature within the thermal oxidizer , for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: P002

III. 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 thermal oxidizer 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.

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 thermal oxidizer, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.
- b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all 3-hour blocks of time during which the average combustion temperature within the thermal oxidizer does not comply with the temperature limitation specified above.

V. Testing Requirements

1. Emission Limitations:
98% control efficiency of OC emissions
21.0 pounds per hour of OC emissions

Applicable Compliance Method:

U.S. EPA Reference Methods 1 - 4, 25 or 25A of 40 CFR Part 60, Appendix A

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 3 months after startup.
- b. The emission testing shall be conducted to demonstrate compliance with the allowable

Probe:

PTI A

Emissions Unit ID: P002

Issued: March 13, 2001

mass emission rate for OC emissions and control efficiency limitation for OC emissions.

- c. The following test methods shall be employed to demonstrate compliance with the allowable mass emission rate: Method 25 or Method 25A of 40 CFR Part 60, Appendix A. The test methods which must be employed to demonstrate compliance with the control efficiency limitation for OC emissions are specified below. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
- d. The tests shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Northeast District Office.
- e. The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northeast District Office. 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, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast District Office 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 Ohio EPA, Northeast District Office 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 Ohio EPA, Northeast District Office.

2. Emission Limitations:
18.7 tons per year of OC emissions

Applicable Compliance Method:

This limit is based on stack and fugitive emissions calculated using AP-42 (Fifth Edition, 1/95),

Probex Corp

PTI Application: 02-14214

Issued

Facility ID: 0215130344

Emissions Unit ID: P002

Section 5.2, Equation 1 and Tanks 4.0 software.

VI. Miscellaneous Requirements

None

Probe:

PTI A

Emissions Unit ID: P002

Issued: March 13, 2001

B. State Only Enforceable Section**I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
Tank, truck and railcar loading and unloading operations and wastewater treatment vessels equipped with a thermal oxidizer.		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

38

Probe:

PTI A

Issued: March 13, 2001

None

Emissions Unit ID: P002

Probe:

PTI A

Emissions Unit ID: P003

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**A. State and Federally Enforceable Section****I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
Wastewater treatment unit equipped with a thermal oxidizer.	OAC rule 3745-31-05(A)(3)	0.1 pound per hour and 0.44 tons per year of OC emissions. This facility shall maintain for this emissions unit a control efficiency (i.e., destruction or removal efficiency) which is at least 90% by weight.
	OAC rule 3745-21-07(G)(2)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. A thermal oxidizer shall be used while this emissions unit is in operation.
2. The average combustion temperature within the thermal oxidizer , for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

Probe:

PTI A

Emissions Unit ID: P003

Issued: March 13, 2001

III. 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 thermal oxidizer 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.

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 thermal oxidizer, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.
- b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all 3-hour blocks of time during which the average combustion temperature within the thermal oxidizer does not comply with the temperature limitation specified above.

V. Testing Requirements

1. Emission Limitations:
90% control efficiency of OC emissions
0.1 pound per hour of OC emissions

Applicable Compliance Method:

U.S. EPA Reference Methods 1 - 4, 25 or 25A of 40 CFR Part 60, Appendix A

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 3 months after startup.
- b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for OC emissions and control efficiency limitation for OC emissions.

Emissions Unit ID: P003

- c. The following test methods shall be employed to demonstrate compliance with the allowable mass emission rate: Method 25 or Method 25A of 40 CFR Part 60, Appendix A. The test methods which must be employed to demonstrate compliance with the control efficiency limitation for OC emissions are specified below. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
- d. The tests shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Northeast District Office.
- e. The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northeast District Office. 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, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast District Office 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 Ohio EPA, Northeast District Office 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 Ohio EPA, Northeast District Office.

2. Emission Limitations:
0.44 tons per year of OC emissions

Applicable Compliance Method:

This limit is based on the allowable hourly emissions rate (0.1 lb/hr) multiplied by the maximum possible operating hours (8,760 hr/yr), and divided by 2,000 lb/ton. Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

VI. Miscellaneous Requirements

42

Probex Corp

PTI Application: 02-14214

Issued

Facility ID: 0215130344

Emissions Unit ID: P003

None

Probe:

PTI A

Emissions Unit ID: P003

Issued: March 13, 2001

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
Wastewater treatment unit equipped with a thermal oxidizer.		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:
PTI A

Emissions Unit ID: F003

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
Marine loading operations .	OAC rule 3745-31-05(A)(3)	11.8 tons per year of OC emissions from fugitive emissions.
	OAC rule 3745-21-07(G)(2)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain the following records on a monthly basis:
 - a. identification and amount of material loaded, in gallons;

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: F003

- b. vapor pressure of materials loaded, in psia;
- c. OC emissions from the marine loading operations using the following equation from AP-42, Section 5.2, Equation 1:

$$L_L = 12.46 (SPM/T)$$

Where: L_L = loading loss, pounds per 1,000 gallons of liquid loaded
S = saturation factor (Table 5.2-1)
P = true vapor pressure of liquid loaded, in psia
M = molecular weight of vapors, in lb/lb-mole
T = temperature of bulk liquid loaded, °R (°F + 460)

IV. Reporting Requirements

- 1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year.

V. Testing Requirements

- 1. Emission Limitations:
11.8 tons per year of OC emissions

Applicable Compliance Method:

Compliance shall be based on the recordkeeping requirements as specified in Section A.III.1 and shall be the sum of the monthly emission rates for the calendar year.

VI. Miscellaneous Requirements

None

Probe:

PTI A

Emissions Unit ID: F003

Issued: March 13, 2001

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
Marine loading operations .		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
Emergency flare used to control off-gases generated under upset conditions from the plant .	OAC rule 3745-31-05(A)(3)	0.55 pound per hour and 2.41 tons per year of OC emissions from combustion of natural gas from pilot.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 10% opacity as a six-minute average.
	OAC rule 3745-21-07(G)(2)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
		The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a During upset conditions, offgasses shall be vented to the emergency flare.

II. Operational Restrictions

1. A pilot flame shall be maintained at all times in the flare's pilot light burner.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall properly install, operate, and maintain a device to continuously monitor the pilot flame when the emissions unit is in operation. The monitoring device and any recorder shall

Probe:

PTI A

Emissions Unit ID: P005

Issued: March 13, 2001

be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall record the following information each day:

- a. All periods during which there was no pilot flame.
- b. The operating times for the flare, monitoring equipment, and the associated emissions unit.
- c. A description of the upset condition that caused the emergency flare to be activated.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all periods during which the pilot flame was not functioning properly. The reports shall include the date, time, and duration of each such period.

V. Testing Requirements

1. Emission Limitation:
0.55 pound per hour of OC emissions from natural gas combustion of natural gas from pilot

Applicable Compliance Method:

Compliance shall be based using emission factors outlined in AP-42, Section 1.4 for natural gas combustion.

2. Emission Limitation:
2.41 tons per year of OC emissions from natural gas combustion of natural gas from pilot

Applicable Compliance Method:

This limit is based on the allowable hourly emission rate (0.55 lb/hr) multiplied by the maximum possible operating hours (8,760 hrs/yr), and divided by 2,000 lb/ton. Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

VI. Miscellaneous Requirements

None

Probe:

PTI A

Emissions Unit ID: P005

Issued: March 13, 2001

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
Emergency flare used to treat off-gas generated under upset conditions.		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
Wet cooling tower used for the cooling of process water.	OAC rule 3745-31-05(A)(3)	2.0 pounds per hour and 8.8 tons per year of particulate emissions. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07 and 3745-17-08.
	OAC rule 3745-17-07(B)	Visible emissions of any fugitive dust shall not exceed 20% opacity as a three-minute average.
	OAC rule 3745-17-08(B)	Reasonably available control measures (RACM) that are sufficient to minimize or eliminate visible emissions of fugitive dust. See Additional Terms and Conditions A.I.2.a.

2. Additional Terms and Conditions

- 2.a The permittee shall minimize or eliminate visible fugitive particulate emissions through the employment of RACM. These measures shall include, but not be limited to, the monthly average concentration of total dissolved solids (TDS) in the cooling tower water shall not exceed 10,000 parts per million.

II. Operational Restrictions

1. The water flow rate for the cooling tower shall not exceed 2,000 gallons per minute.

Probe:

PTI A

Emissions Unit ID: P006

Issued: March 13, 2001

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall properly operate, and maintain equipment to monitor the cooling tower water flow rate. The monitoring device(s) shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manuals.
2. The permittee shall monitor and record the cooling tower water flow rate, in gallons per minute, at a minimum frequency of once per day.
3. The permittee shall sample the cooling tower water at a minimum frequency of once per month to demonstrate compliance with the monthly average concentration of total dissolved solids (TDS) limitation of 10,000 parts per million.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the cooling tower water flow rate exceeds 2,000 gallons per minute.
2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the monthly average concentration of total dissolved solids (TDS) in the cooling tower water exceeds 10,000 parts per million.

V. Testing Requirements

1. Emissions Limitation:
2.0 pounds per hour of particulate emissions

Applicable Compliance Method:

To determine the particulate emission rate for the cooling tower, the following equation shall be used:

$$E = (2,000 \text{ gallons/minute}) * (1.7 \text{ pounds water/1000 gallons}) * (10,000 \text{ pounds PE/1E6 pounds water}) * (60 \text{ minutes/hour})$$

Where:

E = particulate emissions (lb/hr)

2,000 gallons/minute = maximum allowable flow rate

1.7 pound water/1000 gallons = drift rate (AP-42 Section 13.4, Table 13.4-1, Wet Cooling towers, 1/95)

10,000 pounds PE/1E6 pound water = maximum allowable TDS

52

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: P006

2. Emissions Limitation:
8.8 tons per year of particulate emissions

Probe:

PTI A

Emissions Unit ID: P006

Issued: March 13, 2001

Applicable Compliance Method:

This limit is based on the allowable hourly emissions rate (2.0 lbs/hr) multiplied by the maximum possible operating hours (8,760 hr/yr), and divided by 2,000 lb/ton. Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

3. Emission Limitation:
20% opacity, as a three-minute average, for visible emissions of fugitive dust

Applicable Compliance Method:

Compliance shall be determined by visible emission evaluations performed in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
Wet cooling tower used for the cooling of process water.		

2. Additional Terms and Conditions

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:

PTI A

Emissions Unit ID: P007

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
Loading, unloading and storage of soda ash.	OAC rule 3745-31-05(A)(3)	0.83 pound per hour and 3.64 tons per year of particulate emissions.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-07(B)	Visible emissions of any fugitive dust shall not exceed 20% opacity as a three-minute average.
	OAC rule 3745-17-08(B)	Reasonably available control measures (RACM) that are sufficient to minimize or eliminate visible emissions of fugitive dust. See Additional Terms and Conditions A.I.2.a.
	OAC rule 3745-17-11(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a The permittee shall employ the following control measures for the purpose of

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: P007

ensuring compliance with the above-mentioned applicable requirements:

- i. The material shall be pneumatically transferred to the storage silo. The pneumatic system shall be adequately enclosed so as to minimize at all times visible emissions of fugitive dust.
- ii. The storage silo shall be vented to a fabric filter. The enclosure shall be sufficient so as to minimize at all times visible emissions of fugitive dust.

II. Operational Restrictions

1. A vent filter shall be used while the emissions unit is in operation.
2. The pressure drop across the baghouse shall be maintained within the range of 2 to 6 inches of water while the emissions unit is in operation.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.
2. The permittee shall perform checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

IV. Reporting Requirements

1. The permittee shall submit pressure drop deviation (excursion) reports that identify that all periods of time during which the pressure drop across the baghouse did not comply with

Emissions Unit ID: P007

the allowable range specified above.

2. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Ohio EPA, Northeast District Office by January 31 and July 31 of each year and shall cover the previous 6-month period.

V. Testing Requirements

1. Emission Limitation:
0.83 pound per hour of particulate emissions

Applicable Compliance Method:

If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with U.S. EPA Reference Methods 1 - 5 of 40 CFR Part 60, Appendix A.

2. Emission Limitation:
3.64 tons per year of particulate emissions

Applicable Compliance Method:

$E \text{ (tons/yr)} = (\text{allowable hourly emission rate, lb/hr} * \text{actual hours of operation per year}) / 2,000 \text{ pounds per ton}$

3. Emission Limitation:
20% opacity, as a six-minute average, for stack visible particulate emissions

Applicable Compliance Method:

Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in U.S. EPA reference Method 9.

4. Emission Limitation:
20% opacity, as a three-minute average, for visible emissions of fugitive dust

Applicable Compliance Method:

Compliance shall be determined by visible emission evaluations performed in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

VI. Miscellaneous Requirements

None

Probe:

PTI A

Emissions Unit ID: P007

Issued: March 13, 2001

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
Loading, unloading and storage of soda ash.		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:
PTI A

Emissions Unit ID: T001

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
25,000 gallon steel vertical fixed roof tank for the storage of fresh solvent (Equipment No. T-3401).	OAC rule 3745-31-05(A)(3)	0.01 ton per year of OC emissions
	OAC rule 3745-21-09(L)	Exempt (See Additional Terms and Conditions A.I.2.a.)
	40 CFR 60, Subpart Kb	

2. Additional Terms and Conditions

- 2.a In accordance with OAC rule 3745-21-09(L)(2), this storage tank is exempt from the requirements of OAC rule 3745-21-09(L)(1) because the tank has a capacity of less than 40,000 gallons.

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the types of organic liquids stored in the tank.
2. **NSPS REQUIREMENTS**

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The

Probex Corp
PTI Application: 02-14214
Issued

Facility ID: 0215130344

Emissions Unit ID: T001

requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T001) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

None

V. Testing Requirements

Emission Limitation:
0.01 ton per year of OC emissions

Applicable Compliance Method:
To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

Probe:

PTI A

Emissions Unit ID: T001

Issued: March 13, 2001

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
25,000 gallon steel vertical fixed roof tank for the storage of fresh solvent (Equipment No. T-3401).		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

62

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T001

Probe:
PTI A

Emissions Unit ID: T002

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
25,000 gallon steel vertical fixed roof tank for the storage of plant solvent (Equipment No. T-3402).	OAC rule 3745-31-05(A)(3)	0.01 ton per year of OC emissions
	OAC rule 3745-21-09(L)	Exempt (See Additional Terms and Conditions A.I.2.a.)
	40 CFR 60, Subpart Kb	

2. Additional Terms and Conditions

- 2.a In accordance with OAC rule 3745-21-09(L)(2), this storage tank is exempt from the requirements of OAC rule 3745-21-09(L)(1) because the tank has a capacity of less than 40,000 gallons.

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the types of organic liquids stored in the tank.
2. **NSPS REQUIREMENTS**

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The

Probex Corp
PTI Application: 02-14214
Issued

Facility ID: 0215130344

Emissions Unit ID: T002

requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T002) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

None

V. Testing Requirements

Emission Limitation:
0.01 ton per year of OC emissions

Applicable Compliance Method:
To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

Probe:

PTI A

Emissions Unit ID: T002

Issued: March 13, 2001

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
25,000 gallon steel vertical fixed roof tank for the storage of plant solvent (Equipment No. T-3402).		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

66

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T002

Probe:
PTI A

Emissions Unit ID: T003

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
38,000 gallon steel vertical fixed roof tank for the storage of slop (in MP unit) (Equipment No. T-3501).	OAC rule 3745-31-05(A)(3) OAC rule 3745-21-09(L) 40 CFR 60, Subpart Kb	0.01 ton per year of OC emissions Exempt (See Additional Terms and Conditions A.I.2.a.)

2. Additional Terms and Conditions

- 2.a In accordance with OAC rule 3745-21-09(L)(2), this storage tank is exempt from the requirements of OAC rule 3745-21-09(L)(1) because the tank has a capacity of less than 40,000 gallons.

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the types of organic liquids stored in the tank.
2. **NSPS REQUIREMENTS**

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The

Probe:

PTI A

Emissions Unit ID: T003

Issued: March 13, 2001

requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T003) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

None

V. Testing Requirements

Emission Limitation:

0.01 ton per year of OC emissions

Applicable Compliance Method:

To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
38,000 gallon steel vertical fixed roof tank for the storage of slop (in MP unit) (Equipment No. T-3501).		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:

PTI A

Emissions Unit ID: T004

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
21,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4001A).	OAC rule 3745-31-05(A)(3)	0.01 ton per year of OC emissions
	OAC rule 3745-21-09(L)	Exempt (See Additional Terms and Conditions A.I.2.a.)
	40 CFR 60, Subpart Kb	

2. Additional Terms and Conditions

- 2.a In accordance with OAC rule 3745-21-09(L)(2), this storage tank is exempt from the requirements of OAC rule 3745-21-09(L)(1) because the tank has a capacity of less than 40,000 gallons.

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the types of organic liquids stored in the tank.
2. **NSPS REQUIREMENTS**

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The

Probe:

PTI A

Emissions Unit ID: T004

Issued: March 13, 2001

requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T004) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

None

V. Testing Requirements

Emission Limitation:

0.01 ton per year of OC emissions

Applicable Compliance Method:

To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

Probe:

PTI A

Emissions Unit ID: T004

Issued: March 13, 2001

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
21,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4001A).		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probex Corp
PTI Application: 02-14214
Issued

Facility ID: 0215130344

Emissions Unit ID: T004

Probe:
PTI A

Emissions Unit ID: T005

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
21,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4001B).	OAC rule 3745-31-05(A)(3) OAC rule 3745-21-09(L) 40 CFR 60, Subpart Kb	0.01 ton per year of OC emissions Exempt (See Additional Terms and Conditions A.I.2.a.)

2. Additional Terms and Conditions

- 2.a In accordance with OAC rule 3745-21-09(L)(2), this storage tank is exempt from the requirements of OAC rule 3745-21-09(L)(1) because the tank has a capacity of less than 40,000 gallons.

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the types of organic liquids stored in the tank.
2. **NSPS REQUIREMENTS**

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The

Probe:

PTI A

Emissions Unit ID: T005

Issued: March 13, 2001

requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T005) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

None

V. Testing Requirements

Emission Limitation:

0.01 ton per year of OC emissions

Applicable Compliance Method:

To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

Probe:

PTI A

Emissions Unit ID: T005

Issued: March 13, 2001

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
21,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4001B).		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

77

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T005

Probe:
PTI A

Emissions Unit ID: T006

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
21,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4001C).	OAC rule 3745-31-05(A)(3) OAC rule 3745-21-09(L) 40 CFR 60, Subpart Kb	0.01 ton per year of OC emissions Exempt (See Additional Terms and Conditions A.I.2.a.)

2. Additional Terms and Conditions

- 2.a In accordance with OAC rule 3745-21-09(L)(2), this storage tank is exempt from the requirements of OAC rule 3745-21-09(L)(1) because the tank has a capacity of less than 40,000 gallons.

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the types of organic liquids stored in the tank.
2. **NSPS REQUIREMENTS**

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The

Probex Corp
PTI Application: 02-14214
Issued

Facility ID: 0215130344

Emissions Unit ID: T006

requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T006) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

None

V. Testing Requirements

Emission Limitation:
0.01 ton per year of OC emissions

Applicable Compliance Method:
To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

Probe:

PTI A

Emissions Unit ID: T006

Issued: March 13, 2001

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
21,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4001C).		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

81

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T006

Probe:

PTI A

Emissions Unit ID: T007

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
21,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4001D).	OAC rule 3745-31-05(A)(3)	0.01 ton per year of OC emissions
	OAC rule 3745-21-09(L)	Exempt (See Additional Terms and Conditions A.I.2.a.)
	40 CFR 60, Subpart Kb	

2. Additional Terms and Conditions

- 2.a In accordance with OAC rule 3745-21-09(L)(2), this storage tank is exempt from the requirements of OAC rule 3745-21-09(L)(1) because the tank has a capacity of less than 40,000 gallons.

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the types of organic liquids stored in the tank.

2. NSPS REQUIREMENTS

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The

Probex Corp
PTI Application: 02-14214
Issued

Facility ID: 0215130344

Emissions Unit ID: T007

requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T007) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

None

V. Testing Requirements

Emission Limitation:
0.01 ton per year of OC emissions

Applicable Compliance Method:
To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

Probe:

PTI A

Emissions Unit ID: T007

Issued: March 13, 2001

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
21,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4001D).		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

85

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T007

Probe:

PTI A

Emissions Unit ID: T008

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
1,600,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4002A).	OAC rule 3745-31-05(A)(3) OAC rule 3745-21-09(L) 40 CFR 60, Subpart Kb	0.01 ton per year of OC emissions Exempt (See Additional Terms and Conditions A.II.1.)

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall not place, store, or hold in this fixed roof tank any organic liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
 - a. The types of organic liquids stored in the tank; and
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per

87

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T008

square inch absolute.

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T008

2. NSPS REQUIREMENTS

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T008) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

1. If the permittee places, stores, or holds in the fixed roof tank any organic liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall notify the Ohio EPA, Northeast District Office within 30 days of becoming aware of the occurrence.

V. Testing Requirements

Emission Limitation:
0.01 ton per year of OC emissions

Applicable Compliance Method:
To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
1,600,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4002A).		

2. Additional Terms and Conditions

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:
PTI A

Emissions Unit ID: T009

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
1,600,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4002B).	OAC rule 3745-31-05(A)(3) OAC rule 3745-21-09(L) 40 CFR 60, Subpart Kb	0.01 ton per year of OC emissions Exempt (See Additional Terms and Conditions A.II.1.)

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall not place, store, or hold in this fixed roof tank any organic liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
 - a. The types of organic liquids stored in the tank; and
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per

91

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T009

square inch absolute.

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T009

2. NSPS REQUIREMENTS

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T009) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

1. If the permittee places, stores, or holds in the fixed roof tank any organic liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall notify the Ohio EPA, Northeast District Office within 30 days of becoming aware of the occurrence.

V. Testing Requirements

Emission Limitation:
0.01 ton per year of OC emissions

Applicable Compliance Method:
To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
1,600,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4002B).		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:
PTI A

Emissions Unit ID: T010

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
900,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4003).	OAC rule 3745-31-05(A)(3) OAC rule 3745-21-09(L) 40 CFR 60, Subpart Kb	0.01 ton per year of OC emissions Exempt (See Additional Terms and Conditions A.II.1.)

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall not place, store, or hold in this fixed roof tank any organic liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
 - a. The types of organic liquids stored in the tank; and
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per

95

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T010

square inch absolute.

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T010

2. **NSPS REQUIREMENTS**

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T010) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

1. If the permittee places, stores, or holds in the fixed roof tank any organic liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall notify the Ohio EPA, Northeast District Office within 30 days of becoming aware of the occurrence.

V. Testing Requirements

Emission Limitation:
0.01 ton per year of OC emissions

Applicable Compliance Method:
To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
900,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4003).		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:
PTI A

Emissions Unit ID: T011

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
53,000 gallon steel vertical fixed roof tank for the storage of slop oil (Equipment No. T-4004).	OAC rule 3745-31-05(A)(3) OAC rule 3745-21-09(L) 40 CFR 60, Subpart Kb	0.01 ton per year of OC emissions Exempt (See Additional Terms and Conditions A.II.1.)

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall not place, store, or hold in this fixed roof tank any organic liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
 - a. The types of organic liquids stored in the tank; and
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per

99

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T011

square inch absolute.

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T011

2. **NSPS REQUIREMENTS**

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T011) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

1. If the permittee places, stores, or holds in the fixed roof tank any organic liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall notify the Ohio EPA, Northeast District Office within 30 days of becoming aware of the occurrence.

V. Testing Requirements

Emission Limitation:

0.01 ton per year of OC emissions

Applicable Compliance Method:

To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
53,000 gallon steel vertical fixed roof tank for the storage of slop oil (Equipment No. T-4004).		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:
PTI A

Emissions Unit ID: T012

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
1,500,000 gallon steel vertical fixed roof tank for the storage of VDU light lube distillate (Equipment No. T-4101).	OAC rule 3745-31-05(A)(3) OAC rule 3745-21-09(L) 40 CFR 60, Subpart Kb	0.01 ton per year of OC emissions Exempt (See Additional Terms and Conditions A.II.1.)

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall not place, store, or hold in this fixed roof tank any organic liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
 - a. The types of organic liquids stored in the tank; and
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per

103

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T012

square inch absolute.

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T012

2. **NSPS REQUIREMENTS**

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T012) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

1. If the permittee places, stores, or holds in the fixed roof tank any organic liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall notify the Ohio EPA, Northeast District Office within 30 days of becoming aware of the occurrence.

V. Testing Requirements

Emission Limitation:
0.01 ton per year of OC emissions

Applicable Compliance Method:
To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
1,500,000 gallon steel vertical fixed roof tank for the storage of VDU light lube distillate (Equipment No. T-4101).		

2. Additional Terms and Conditions

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:
PTI A

Emissions Unit ID: T013

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
635,000 gallon steel vertical fixed roof tank for the storage of VDU heavy lube distillate (Equipment No. T-4102).	OAC rule 3745-31-05(A)(3) OAC rule 3745-21-09(L) 40 CFR 60, Subpart Kb	0.01 ton per year of OC emissions Exempt (See Additional Terms and Conditions A.II.1.)

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall not place, store, or hold in this fixed roof tank any organic liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
 - a. The types of organic liquids stored in the tank; and
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per

107

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T013

square inch absolute.

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T013

2. **NSPS REQUIREMENTS**

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T013) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

1. If the permittee places, stores, or holds in the fixed roof tank any organic liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall notify the Ohio EPA, Northeast District Office within 30 days of becoming aware of the occurrence.

V. Testing Requirements

Emission Limitation:
0.01 ton per year of OC emissions

Applicable Compliance Method:
To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
635,000 gallon steel vertical fixed roof tank for the storage of VDU heavy lube distillate (Equipment No. T-4102).		

2. Additional Terms and Conditions

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:

PTI A

Emissions Unit ID: T014

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
160,000 gallon steel vertical fixed roof tank for the storage of extract solute oil (Equipment No. T-4205).	OAC rule 3745-31-05(A)(3)	0.01 ton per year of OC emissions
	OAC rule 3745-21-09(L)	Exempt (See Additional Terms and Conditions A.II.1.)
	40 CFR 60, Subpart Kb	

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall not place, store, or hold in this fixed roof tank any organic liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
 - a. The types of organic liquids stored in the tank; and
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per

111

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T014

square inch absolute.

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T014

2. **NSPS REQUIREMENTS**

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T014) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

1. If the permittee places, stores, or holds in the fixed roof tank any organic liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall notify the Ohio EPA, Northeast District Office within 30 days of becoming aware of the occurrence.

V. Testing Requirements

Emission Limitation:
0.01 ton per year of OC emissions

Applicable Compliance Method:
To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
160,000 gallon steel vertical fixed roof tank for the storage of extract solute oil (Equipment No. T-4205).		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:
PTI A

Emissions Unit ID: T015

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
135,000 gallon steel vertical fixed roof tank for the storage of light base oil (Equipment No. T-4401A).	OAC rule 3745-31-05(A)(3) OAC rule 3745-21-09(L) 40 CFR 60, Subpart Kb	0.01 ton per year of OC emissions Exempt (See Additional Terms and Conditions A.II.1.)

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall not place, store, or hold in this fixed roof tank any organic liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
 - a. The types of organic liquids stored in the tank; and
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per

115

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T015

square inch absolute.

Probe:**PTI A****Issued: March 13, 2001**

Emissions Unit ID: T015

2. NSPS REQUIREMENTS

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T015) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

1. If the permittee places, stores, or holds in the fixed roof tank any organic liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall notify the Ohio EPA, Northeast District Office within 30 days of becoming aware of the occurrence.

V. Testing Requirements

Emission Limitation:
0.01 ton per year of OC emissions

Applicable Compliance Method:
To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
135,000 gallon steel vertical fixed roof tank for the storage of light base oil (Equipment No. T-4401A).		

2. Additional Terms and Conditions

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:
PTI A

Emissions Unit ID: T016

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
135,000 gallon steel vertical fixed roof tank for the storage of light base oil (Equipment No. T-4401B).	OAC rule 3745-31-05(A)(3) OAC rule 3745-21-09(L) 40 CFR 60, Subpart Kb	0.01 ton per year of OC emissions Exempt (See Additional Terms and Conditions A.II.1.)

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall not place, store, or hold in this fixed roof tank any organic liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
 - a. The types of organic liquids stored in the tank; and
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per

119

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T016

square inch absolute.

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T016

2. **NSPS REQUIREMENTS**

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T016) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

1. If the permittee places, stores, or holds in the fixed roof tank any organic liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall notify the Ohio EPA, Northeast District Office within 30 days of becoming aware of the occurrence.

V. Testing Requirements

Emission Limitation:
0.01 ton per year of OC emissions

Applicable Compliance Method:
To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
135,000 gallon steel vertical fixed roof tank for the storage of light base oil (Equipment No. T-4401B).		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:
PTI A

Emissions Unit ID: T017

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
60,000 gallon steel vertical fixed roof tank for the storage of heavy base oil (Equipment No. T-4402A).	OAC rule 3745-31-05(A)(3) OAC rule 3745-21-09(L) 40 CFR 60, Subpart Kb	0.01 ton per year of OC emissions Exempt (See Additional Terms and Conditions A.II.1.)

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall not place, store, or hold in this fixed roof tank any organic liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
 - a. The types of organic liquids stored in the tank; and
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per

123

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T017

square inch absolute.

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T017

2. **NSPS REQUIREMENTS**

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T017) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

1. If the permittee places, stores, or holds in the fixed roof tank any organic liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall notify the Ohio EPA, Northeast District Office within 30 days of becoming aware of the occurrence.

V. Testing Requirements

Emission Limitation:
0.01 ton per year of OC emissions

Applicable Compliance Method:
To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
60,000 gallon steel vertical fixed roof tank for the storage of heavy base oil (Equipment No. T-4402A).		

2. Additional Terms and Conditions

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:

PTI A

Emissions Unit ID: T018

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
60,000 gallon steel vertical fixed roof tank for the storage of heavy base oil (Equipment No. T-4402B).	OAC rule 3745-31-05(A)(3) OAC rule 3745-21-09(L) 40 CFR 60, Subpart Kb	0.01 ton per year of OC emissions Exempt (See Additional Terms and Conditions A.II.1.)

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall not place, store, or hold in this fixed roof tank any organic liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
 - a. The types of organic liquids stored in the tank; and
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per

127

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T018

square inch absolute.

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T018

2. NSPS REQUIREMENTS

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T018) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

1. If the permittee places, stores, or holds in the fixed roof tank any organic liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall notify the Ohio EPA, Northeast District Office within 30 days of becoming aware of the occurrence.

V. Testing Requirements

Emission Limitation:
0.01 ton per year of OC emissions

Applicable Compliance Method:
To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
60,000 gallon steel vertical fixed roof tank for the storage of heavy base oil (Equipment No. T-4402B).		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:

PTI A

Emissions Unit ID: T019

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
711,000 gallon steel vertical fixed roof tank for the storage of light lube oil (Equipment No. T-4403A).	OAC rule 3745-31-05(A)(3) OAC rule 3745-21-09(L) 40 CFR 60, Subpart Kb	0.01 ton per year of OC emissions Exempt (See Additional Terms and Conditions A.II.1.)

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall not place, store, or hold in this fixed roof tank any organic liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
 - a. The types of organic liquids stored in the tank; and
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per

131

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T019

square inch absolute.

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T019

2. **NSPS REQUIREMENTS**

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T019) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

1. If the permittee places, stores, or holds in the fixed roof tank any organic liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall notify the Ohio EPA, Northeast District Office within 30 days of becoming aware of the occurrence.

V. Testing Requirements

Emission Limitation:
0.01 ton per year of OC emissions

Applicable Compliance Method:
To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
711,000 gallon steel vertical fixed roof tank for the storage of light lube oil (Equipment No. T-4403A).		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:
PTI A

Emissions Unit ID: T020

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
711,000 gallon steel vertical fixed roof tank for the storage of light lube oil (Equipment No. T-4403B).	OAC rule 3745-31-05(A)(3) OAC rule 3745-21-09(L) 40 CFR 60, Subpart Kb	0.01 ton per year of OC emissions Exempt (See Additional Terms and Conditions A.II.1.)

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall not place, store, or hold in this fixed roof tank any organic liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
 - a. The types of organic liquids stored in the tank; and
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per

135

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T020

square inch absolute.

Probe:**PTI A****Issued: March 13, 2001**

Emissions Unit ID: T020

2. NSPS REQUIREMENTS

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T020) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

1. If the permittee places, stores, or holds in the fixed roof tank any organic liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall notify the Ohio EPA, Northeast District Office within 30 days of becoming aware of the occurrence.

V. Testing Requirements

Emission Limitation:
0.01 ton per year of OC emissions

Applicable Compliance Method:
To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
711,000 gallon steel vertical fixed roof tank for the storage of light lube oil (Equipment No. T-4403B).		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:
PTI A

Emissions Unit ID: T021

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
376,000 gallon steel vertical fixed roof tank for the storage of heavy lube oil (Equipment No. T-4404A).	OAC rule 3745-31-05(A)(3) OAC rule 3745-21-09(L) 40 CFR 60, Subpart Kb	0.01 ton per year of OC emissions Exempt (See Additional Terms and Conditions A.II.1.)

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall not place, store, or hold in this fixed roof tank any organic liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
 - a. The types of organic liquids stored in the tank; and
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per

139

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T021

square inch absolute.

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T021

2. **NSPS REQUIREMENTS**

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T021) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

1. If the permittee places, stores, or holds in the fixed roof tank any organic liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall notify the Ohio EPA, Northeast District Office within 30 days of becoming aware of the occurrence.

V. Testing Requirements

Emission Limitation:
0.01 ton per year of OC emissions

Applicable Compliance Method:
To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

Probex Corp
 PTI Application: 02-14214
 Issued

Facility ID: 0215130344

Emissions Unit ID: T021

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
376,000 gallon steel vertical fixed roof tank for the storage of heavy lube oil (Equipment No. T-4404A).		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:
PTI A

Emissions Unit ID: T022

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
376,000 gallon steel vertical fixed roof tank for the storage of heavy lube oil (Equipment No. T-4404B).	OAC rule 3745-31-05(A)(3) OAC rule 3745-21-09(L) 40 CFR 60, Subpart Kb	0.01 ton per year of OC emissions Exempt (See Additional Terms and Conditions A.II.1.)

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall not place, store, or hold in this fixed roof tank any organic liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
 - a. The types of organic liquids stored in the tank; and
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per

143

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T022

square inch absolute.

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T022

2. **NSPS REQUIREMENTS**

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T022) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

1. If the permittee places, stores, or holds in the fixed roof tank any organic liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall notify the Ohio EPA, Northeast District Office within 30 days of becoming aware of the occurrence.

V. Testing Requirements

Emission Limitation:
0.01 ton per year of OC emissions

Applicable Compliance Method:
To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
376,000 gallon steel vertical fixed roof tank for the storage of heavy lube oil (Equipment No. T-4404B).		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:
PTI A

Emissions Unit ID: T023

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
19,000 gallon steel vertical fixed roof tank for the storage of thermal transfer fluid (Equipment No. T-5002).	OAC rule 3745-31-05(A)(3) OAC rule 3745-21-09(L) 40 CFR 60, Subpart Kb	0.01 ton per year of OC emissions Exempt (See Additional Terms and Conditions A.I.2.a.)

2. Additional Terms and Conditions

- 2.a In accordance with OAC rule 3745-21-09(L)(2), this storage tank is exempt from the requirements of OAC rule 3745-21-09(L)(1) because the tank has a capacity of less than 40,000 gallons.

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the types of organic liquids stored in the tank.
2. **NSPS REQUIREMENTS**

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The

Probe:

PTI A

Emissions Unit ID: T023

Issued: March 13, 2001

requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T023) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

None

V. Testing Requirements

Emission Limitation:

0.01 ton per year of OC emissions

Applicable Compliance Method:

To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
19,000 gallon steel vertical fixed roof tank for the storage of thermal transfer fluid (Equipment No. T-5002).		

2. Additional Terms and Conditions

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Probe:
PTI A

Emissions Unit ID: T024

Issued: March 13, 2001

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
147,000 gallon steel vertical fixed roof tank for the storage of LVGO (Equipment No. T-4206).	OAC rule 3745-31-05(A)(3)	0.01 ton per year of OC emissions
	OAC rule 3745-21-09(L)	Exempt (See Additional Terms and Conditions A.II.1.)
	40 CFR 60, Subpart Kb	

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The permittee shall not place, store, or hold in this fixed roof tank any organic liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
 - a. The types of organic liquids stored in the tank; and
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per

150

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T024

square inch absolute.

Probe:

PTI A

Issued: March 13, 2001

Emissions Unit ID: T024

2. **NSPS REQUIREMENTS**

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of the storage vessel (T024) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.

IV. Reporting Requirements

1. If the permittee places, stores, or holds in the fixed roof tank any organic liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall notify the Ohio EPA, Northeast District Office within 30 days of becoming aware of the occurrence.

V. Testing Requirements

Emission Limitation:
0.01 ton per year of OC emissions

Applicable Compliance Method:
To demonstrate compliance with the annual limit of 0.01 ton per year of OC emissions, the permittee shall calculate the annual OC emissions in ton per year using AP-42, Section 7.1.3 (September, 1997 version).

VI. Miscellaneous Requirements

None

Probex Corp
 PTI Application: 02-14214
 Issued

Facility ID: 0215130344

Emissions Unit ID: T024

B. State Only Enforceable Section

I. 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>	<u>Applicable Emissions Limitations/Control Measures</u>
147,000 gallon steel vertical fixed roof tank for the storage of LVGO (Equipment No. T-4206).		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214 Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility CITY/TWP Wellsville

SIC CODE 2992 SCC CODE 30600801 EMISSIONS UNIT ID F001

EMISSIONS UNIT DESCRIPTION Fugitive emissions from equipment leaks from valves, pumps, compressors, flanges and relief valves.

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment		47.0 tpy		47.0 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NLSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

____ YES

 X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 30300834

EMISSIONS UNIT ID F002

EMISSIONS UNIT DESCRIPTION Fugitive dust emissions from paved roadways and parking areas.

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	Attainment	N/A	22.6 tpy	No visible emissions except for one min. in any hour	22.6 tpy
PM ₁₀					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS?

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of no visible emissions except for one minute in any hour.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

____ YES

 X NO

IDENTIFY THE AIR CONTAMINANTS: _____

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 30609903

EMISSIONS UNIT ID P001

EMISSIONS UNIT DESCRIPTION Oil and gas-fired furnace with a rated heat capacity of 85 MMBTU/hr

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	Attainment	4.25 lb/hr	18.6 tpy	4.25 lb/hr	18.6 tpy
PM ₁₀					
Sulfur Dioxide	Attainment	42.5 lb/hr	187 tpy	42.5 lb/hr	187 tpy
Organic Compounds	Attainment	4.25 lb/hr	18.6 tpy	4.25 lb/hr	18.6 tpy
Nitrogen Oxides	Attainment	11.3 lb/hr	49.5 tpy	11.3 lb/hr	49.5 tpy
Carbon Monoxide	Attainment	7.65 lb/hr	33.5 tpy	7.65 lb/hr	33.5 tpy
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Dc

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? Yes.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

X YES NO

IDENTIFY THE AIR CONTAMINANTS:

HCl and Ethylene Glycol

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 30609903

EMISSIONS UNIT ID P002

EMISSIONS UNIT DESCRIPTION Tank, truck and railcar loading operations and wastewater treatment vessels equipped with a thermal oxidizer.

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	2.58 lb/hr	18.7 tpy	2.58 lb/hr	18.7 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS?

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit and the use of a thermal oxidizer with a destruction efficiency of at least 98%.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YES

X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 30609903

EMISSIONS UNIT ID P003

EMISSIONS UNIT DESCRIPTION Wastewater treatment unit equipped with a thermal oxidizer.

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	0.1 lb/hr	0.44 tpy	0.1 lb/hr	0.44 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS?

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit and the use of a thermal oxidizer with a destruction efficiency of at least 90%.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YES

X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 30609903

EMISSIONS UNIT ID P004

EMISSIONS UNIT DESCRIPTION Marine unloading and loading operations equipped with a thermal oxidizer.

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	1.27 lb/hr	11.8 tpy	1.27 lb/hr	11.8 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS?

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit and the use of a thermal oxidizer with a destruction efficiency of at least 90%.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YES

X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214 Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992 SCC CODE 30600903 EMISSIONS UNIT ID P005

EMISSIONS UNIT DESCRIPTION Emergency flare used to treat off-gas generated under upset conditions.

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	0.55 lb/hr	2.41 tpy	0.55 lb/hr	2.41 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 30600701

EMISSIONS UNIT ID P006

EMISSIONS UNIT DESCRIPTION Wet cooling tower used for the cooling of process water.

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	Attainment	2.0 lb/hr	8.8 tpy	2.0 lb/hr	8.8 tpy
PM ₁₀					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS?

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? _____ YES _____ X NO

IDENTIFY THE AIR CONTAMINANTS: _____

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 30102399

EMISSIONS UNIT ID P007

EMISSIONS UNIT DESCRIPTION Loading, unloading and storage of soda ash.

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	Attainment	0.83 lb/hr	3.64 tpy	0.83 lb/hr	3.64 tpy
PM ₁₀					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS?

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YES

X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 40301021

EMISSIONS UNIT ID T001

EMISSIONS UNIT DESCRIPTION 25,000 gallon steel vertical fixed roof tank for the storage of fresh solvent (Equipment No. T-3401).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YES

X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214 Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992 SCC CODE 40301021 EMISSIONS UNIT ID T002

EMISSIONS UNIT DESCRIPTION 25,000 gallon steel vertical fixed roof tank for the storage of plant solvent (Equipment No. T-3402).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 40301021

EMISSIONS UNIT ID T003

EMISSIONS UNIT DESCRIPTION 38,000 gallon steel vertical fixed roof tank for the storage of slop (in MP unit) (Equipment No. T-3501).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YES

X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 40301021

EMISSIONS UNIT ID T004

EMISSIONS UNIT DESCRIPTION 21,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4001A).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YES

X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 40301021

EMISSIONS UNIT ID T005

EMISSIONS UNIT DESCRIPTION 21,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4001B).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YES

X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214 Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992 SCC CODE 40301021 EMISSIONS UNIT ID T006

EMISSIONS UNIT DESCRIPTION 21,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4001C).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214 Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992 SCC CODE 40301021 EMISSIONS UNIT ID T007

EMISSIONS UNIT DESCRIPTION 21,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4001D).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 40301021

EMISSIONS UNIT ID T008

EMISSIONS UNIT DESCRIPTION 1,600,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4002A).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YES

X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214 Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992 SCC CODE 40301021 EMISSIONS UNIT ID T009

EMISSIONS UNIT DESCRIPTION 1,600,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4002B).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214 Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992 SCC CODE 40301021 EMISSIONS UNIT ID T010

EMISSIONS UNIT DESCRIPTION 900,000 gallon steel vertical fixed roof tank for the storage of used oil (Equipment No. T-4003).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214 Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992 SCC CODE 40301021 EMISSIONS UNIT ID T011

EMISSIONS UNIT DESCRIPTION 53,000 gallon steel vertical fixed roof tank for the storage of slop oil (Equipment No. T-4004).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214 Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992 SCC CODE 40301021 EMISSIONS UNIT ID T012

EMISSIONS UNIT DESCRIPTION 1,500,000 gallon steel vertical fixed roof tank for the storage of VDU light lube distillate (Equipment No. T-4101).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 40301021

EMISSIONS UNIT ID T013

EMISSIONS UNIT DESCRIPTION 635,000 gallon steel vertical fixed roof tank for the storage of VDU heavy lube distillate (Equipment No. T-4102).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YES

X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 40301021

EMISSIONS UNIT ID T014

EMISSIONS UNIT DESCRIPTION 160,000 gallon steel vertical fixed roof tank for the storage of extract solute oil (Equipment No. T-4205).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YES

X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 40301021

EMISSIONS UNIT ID T015

EMISSIONS UNIT DESCRIPTION 135,000 gallon steel vertical fixed roof tank for the storage of light base oil (Equipment No. T-4401A).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY?

No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YES

X

NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 40301021

EMISSIONS UNIT ID T016

EMISSIONS UNIT DESCRIPTION 135,000 gallon steel vertical fixed roof tank for the storage of light base oil (Equipment No. T-4401B).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YES

X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214 Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992 SCC CODE 40301021 EMISSIONS UNIT ID T017

EMISSIONS UNIT DESCRIPTION 60,000 gallon steel vertical fixed roof tank for the storage of heavy base oil (Equipment No. T-4402A).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 40301021

EMISSIONS UNIT ID T018

EMISSIONS UNIT DESCRIPTION 60,000 gallon steel vertical fixed roof tank for the storage of heavy base oil (Equipment No. T-4402B).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YES

X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 40301021

EMISSIONS UNIT ID T019

EMISSIONS UNIT DESCRIPTION 711,000 gallon steel vertical fixed roof tank for the storage of light lube oil (Equipment No. T-4403A).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YES

X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214 Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992 SCC CODE 40301021 EMISSIONS UNIT ID T020

EMISSIONS UNIT DESCRIPTION 711,000 gallon steel vertical fixed roof tank for the storage of light lube oil (Equipment No. T-4403B).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 40301021

EMISSIONS UNIT ID T021

EMISSIONS UNIT DESCRIPTION 376,000 gallon steel vertical fixed roof tank for the storage of heavy lube oil (Equipment No. T-4404A).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YES

X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 40301021

EMISSIONS UNIT ID T022

EMISSIONS UNIT DESCRIPTION 376,000 gallon steel vertical fixed roof tank for the storage of heavy lube oil (Equipment No. T-4404B).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YES

X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 40301021

EMISSIONS UNIT ID T023

EMISSIONS UNIT DESCRIPTION 19,000 gallon steel vertical fixed roof tank for the storage of thermal transfer fluid (Equipment No. T-5002).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YES

X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

SIC CODE 2992

SCC CODE 40301021

EMISSIONS UNIT ID T024

EMISSIONS UNIT DESCRIPTION 147,000 gallon steel vertical fixed roof tank for the storage of LVGO (Equipment No. T-4206).

DATE INSTALLED 02/28/00

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment	N/A	0.01 tpy	N/A	0.01 tpy
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS: Subpart Kb

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with the allowable limits of this permit.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No.

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YES

X NO

IDENTIFY THE AIR CONTAMINANTS:

186 **NEW SOURCE REVIEW FORM B**

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

Ohio EPA Permit to Install Information Form Please describe below any documentation which is being submitted with this recommendation (must be sent the same day). Electronic items should be submitted with the e-mail transmitting the PTI terms, and in software that CO can utilize. If mailing any hard copy, this section must be printed as a cover page. All items must be clearly labeled indicating the PTI name and number. Submit **hard copy items to Pam McGraner**, AQM&P, DAPC, Central Office, and electronic files to **airpti@epa.state.oh.us**

Please fill out the following. If the checkbox does not work, replace it with an 'X'

	<u>Electronic</u>	<u>Additional information File Name Convention (your PTI # plus this letter)</u>	<u>Hard Copy</u>	<u>None</u>
Calculations (required)	<input type="checkbox"/>	0000000c.wpd	<input checked="" type="checkbox"/>	
Modeling form/results	<input type="checkbox"/>	0000000s.wpd	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PTI Application (complete or partial)*	<input type="checkbox"/>	0000000a.wpd	<input type="checkbox"/>	<input type="checkbox"/>
BAT Study	<input type="checkbox"/>	0000000b.wpd	<input type="checkbox"/>	<input type="checkbox"/>
Other/misc.	<input type="checkbox"/>	0000000t.wpd	<input type="checkbox"/>	<input type="checkbox"/>

* Mandatory for netting, PSD, nonattainment NSR, 112(g), 21-07(G)(9)(g) and 21-09(U)(2)(f) - 2 complete copies.

Please complete (see comment bubble to the left for additional instructions):

NSR Discussion

NONE

Please complete for these type permits (For PSD/NSR Permit, place mouse over this text):

Synthetic Minor Determination and/or **Netting Determination**
Permit To Install **ENTER PTI NUMBER HERE**

A. Source Description

B. Facility Emissions and Attainment Status

C. Source Emissions

D. Conclusion

PLEASE PROVIDE ADDITIONAL NOTES OR COMMENTS AS NECESSARY:

The Probex Lubricant manufacturing facility to be built in Wellsville, OH is designed to process 1.287 MM barrels per year of dry used oil feed (3,900 barrels per day dry and 4,333 barrels per day wet) based on 330 days of production. The used oil is reacted in a ProTerra process, vacuum distilled and finished by solvent extraction. The final products are two high quality base oils. The side products are vacuum residue, light oils, wastewater, extract, and non-condensable vapors. The vacuum residue and extract oil will be sold; the light oils will be sold, but a portion may be used as a fuel for the onsite furnace. The furnace will also consume natural gas and the off-gas from the process. Selected process wastewater streams will be processed on site while other streams with suitable compositional analysis will be sent to the Wellsville Sewer System and the non-condensable vapors are sent to the furnace.

NEW SOURCE REVIEW FORM B

PTI Number: 02-14214

Facility ID: 0215130344

FACILITY NAME Probex Corp

FACILITY DESCRIPTION New lubricant manufacturing facility

CITY/TWP Wellsville

Emissions Unit ID: T024

Please complete:

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

<u>Pollutant</u>	<u>Tons Per Year</u>
PM	53.7 tpy
OC	99.0 tpy
SO ₂	187 tpy
NO _x	49.5 tpy
CO	33.5 tpy