



State of Ohio Environmental Protection Agency

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

**CERTIFIED MAIL**

Street Address:

122 S. Front Street

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

Mailing Address:

Lazarus Gov. Center  
P.O. Box 1049

**Application No: 06-07018**

**DATE:** 2/25/2003

Middleport Terminal Inc  
Gary Cobb  
8775 Blackbird Lane  
Thornville, OH 43076

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

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
236 East Town Street, Room 300  
Columbus, Ohio 43215

Very truly yours,

Michael W. Ahern, Supervisor  
Field Operations and Permit Section  
Division of Air Pollution Control

cc: USEPA

SEDO



STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

**Permit To Install  
Terms and Conditions**

**Issue Date: 2/25/2003  
Effective Date: 2/25/2003**

**FINAL PERMIT TO INSTALL 06-07018**

Application Number: 06-07018  
APS Premise Number: 0627000046  
Permit Fee: **\$2650**  
Name of Facility: Middleport Terminal Inc  
Person to Contact: Gary Cobb  
Address: 8775 Blackbird Lane  
Thornville, OH 43076

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**1400 State Route 7 North  
Gallipolis, Ohio**

Description of proposed emissions unit(s):  
**Storage tanks.**

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

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

## Part I - GENERAL TERMS AND CONDITIONS

### A. Permit to Install General Terms and Conditions

#### 1. Compliance Requirements

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

#### 2. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

#### 3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

#### 4. Inspections and Information Requests

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

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

**5. Scheduled Maintenance/Malfunction Reporting**

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

**6. Permit Transfers**

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

**7. Air Pollution Nuisance**

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

**8. Termination of Permit to Install**

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

**9. Construction of New Sources(s)**

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

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Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

**10. Public Disclosure**

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

**11. Applicability**

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

**12. Best Available Technology**

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

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

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

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#### **14. Construction Compliance Certification**

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

#### **15. Fees**

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

### **B. Permit to Install Summary of Allowable Emissions**

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

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

<u>Pollutant</u>	<u>Tons Per Year</u>
Particulate Matter	4.03
Nitrogen Oxides	11.52
Carbon Monoxide	2.89
Sulfur Dioxide	43.15
Organic Compounds	5.56

Middleport Terminal Inc  
PTI Application: 06 07010  
Issued

Facility ID: 0627000046

Emissions Unit ID: B001

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

**A. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>
B001 - 16 MM btu/hr Dual Helical Coil Thermal Fluid Heater	OAC rule 3745-17-10(C)
	OAC rule 3745-17-07(A)
	OAC rule 3745-18-06
	OAC rule 3745-23-06

Applicable Emissions  
Limitations/Control Measures

Emissions of nitrogen oxides (NO<sub>x</sub>) shall not exceed 2.63 lbs/hour, 11.52 TPY.

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

See Section A.2.b

Emissions of carbon monoxide (CO) shall not exceed 0.66 lb/hr, 2.89 TPY.

None

See Section A.2.a.

Emissions of organic compounds (OC) shall not exceed 0.07 lb/hour, 0.31 TPY.

Emissions of Sulfur Dioxide (SO<sub>2</sub>) shall not exceed 9.85 lbs/hr, 43.15 TPY.

Visible particulate emissions shall not exceed 5% opacity from the stack exhaust.

Particulate emissions (PE) shall not exceed 0.92 lb/hr, 4.03 TPY.

The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B)(5)(b), 3745-18-06 and 3745-23-06.

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

## **2. Additional Terms and Conditions**

- 2.a** The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06, by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3).
- 2.b** This emissions unit is subject to OAC rule 3745-18-06(A), however there is no applicable emissions limitation for this type of operation.
- 2.c** Since this emissions unit does not meet the definition of a heat transfer medium as defined in 40 CFR 60, Subpart Dc, this emissions unit is not a steam generating unit as defined that subpart. However, if there is a change in the method in which this emissions unit is used to heat oil in the onsite storage tanks a Permit to Install (PTI) may be necessary prior to making the change.

## **B. Operational Restrictions**

- 1.** The permittee shall burn only natural gas, number two fuel oil and/or used oil in this emissions unit.
- 2.** All recycled, used oil burned in emissions unit B001 shall meet the following specifications:

Contaminant/Property	Allowable Specifications
arsenic	5 ppm, maximum
cadmium	2 ppm, maximum
chromium	10 ppm, maximum
lead	100 ppm, maximum
PCB's	50 ppm, maximum*
total halogens	4,000 ppm, maximum**
mercury	1 ppm, maximum
flash point	100 °F, minimum
heat content	135,000 Btu/gallons, minimum

\* If the permittee is burning used oil with any quantifiable level  $\geq 2$  ppm  $< 50$  ppm of PCB's then the permittee is subject to any applicable requirements found under 40 CFR part 279, subparts G and H and 40 CFR 761.20(e).

\*\* Used oil containing more than 1000 ppm total halogens is presumed to be a hazardous waste under the rebuttable presumption provided under 40 CFR 279.10(b)(1)(ii) and OAC rule

3745-279-10(B)(1)(b). Therefore, the permittee may receive and burn used oil exceeding 1000 ppm of total halogens (but less than 4000 ppm, maximum) only if the used oil burner can demonstrate the used oil does not contain any hazardous waste pursuant to OAC rule 3745-279-63.

3. The burning of hazardous waste is prohibited without first complying with all applicable state and federal hazardous waste and air regulations and permits.

### **C. Monitoring and/or Record keeping Requirements**

1. For each day during which the permittee burns a fuel other than natural gas, number two fuel oil and/or used oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
2. The permittee shall maintain daily records of the operating hours for each day.
3. The permittee shall receive a chemical analysis with each shipment of used oil from the supplier. The analysis shall identify the name and address of the supplier, the supplier's USEPA identification number, and the following information:
  - a. The date of shipment or delivery.
  - b. The quantity of used oil received.
  - c. The Btu value of the used oil, in BTU/gallon.
  - d. The flash point of the used oil in degrees F.
  - e. The arsenic content, in ppm.
  - f. The chromium content, in ppm.
  - g. The cadmium content, in ppm.
  - h. The lead content, in ppm.
  - i. The PCB content, in ppm.
  - j. The total halogen content, in ppm.
  - k. The mercury content, in ppm.

Each analysis shall be kept in a readily accessible location for at least 5 years and shall be made available to the Ohio EPA Southeast District Office upon verbal or written request. The Director or any authorized representative of the Director may require or may conduct periodic, detailed chemical analyses through an independent laboratory of any used oil shipment received by this facility, of any used oil stored at this facility.

### **D. Reporting Requirements**

Emissions Unit ID: **B001**

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas, number two fuel oil and/or used oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall notify the USEPA and the Ohio EPA Southeast District Office if any of the used oil exceeds the used oil specifications found in OAC rule 3745-279-11 and the applicable portions of 40 CFR part 761 and shall also notify Ohio EPA if any used oil exceed the mercury limitation and falls below the heat content limitation listed in term C.III. within thirty days after the exceedance occurs. If the permittee is burning used oil which exceeds the specifications found in OAC rule 3745-279-11 and the applicable portions of 40 CFR part 761, the permittee is subject to that rule and must comply with all applicable provisions of that rule(s).

#### **E. Testing Requirements**

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):

- a. Emissions Limitation:

Emissions of NO<sub>x</sub> shall not exceed 2.63 lbs/hour, 11.52 TPY.

Applicable Compliance Method:

Compliance with the lb/hour NO<sub>x</sub> emissions limitation shall be demonstrated by the use of AP-42 Table 1.3-1 (09/98) and the worse case maximum fuel throughput as shown in the following equation.

$$0.02 \text{ lb/gal} * 131 \text{ gals/hr} = 2.62 \text{ lbs/hr}$$

The annual emissions (TPY) shall be determined by multiplying the calculated lb/hour emissions by the maximum annual hours of operation (8,760 hours), and then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the short term limitation, compliance shall also be shown with the annual emission limitation.

Emissions testing, if required, shall be conducted using the following test method: 40 CFR Part 60, Appendix A, Methods 1 - 4 and 7. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA Southeast District Office.

- b. Emissions Limitation:

Emissions of CO shall not exceed 0.66 lb/hr, 2.89 TPY.

Applicable Compliance Method:

Compliance with the lb/hour CO emissions limitation shall be demonstrated by the use of AP-42 Table 1.3-1 (09/98) and the worse case maximum fuel throughput as shown in the following equation.

$$0.005 \text{ lb/gal} * 131 \text{ gals/hr} = 0.66 \text{ lb/hr}$$

The annual emissions (TPY) shall be determined by multiplying the calculated lb/hour emissions by the maximum annual hours of operation (8,760 hours), and then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the short term limitation, compliance shall also be shown with the annual emission limitation.

Emissions testing, if required, shall be conducted using the following test method: 40 CFR Part 60, Appendix A, Methods 1 - 4 and 10. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA Southeast District Office.

c. Emissions Limitation

Emissions of OC shall not exceed 0.07 lb/hour, 0.31 TPY.

Applicable Compliance Method:

Compliance with the lb/hour OC emissions limitation shall be demonstrated by the use of AP-42 Table 1.3-1 (09/98) and the worse case maximum fuel throughput as shown in the following equation.

$$0.0005 \text{ lb/gal} * 131 \text{ gals/hr} = 0.07 \text{ lb/hr}$$

The annual emissions (TPY) shall be determined by multiplying the calculated lb/hour emissions by the maximum annual hours of operation (8,760 hours), and then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the short term limitation, compliance shall also be shown with the annual emission limitation.

Emissions testing, if required, shall be conducted using the following test method: 40 CFR Part 60, Appendix A, Method 25A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA Southeast District Office.

d. Emissions Limitation

Visible particulate emissions shall not exceed 5% opacity from the stack exhaust.

Applicable Compliance Method:

If required, compliance with the visible emissions limitations shall be determined 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,").

e. Emissions Limitation

Particulate emissions (PE) shall not exceed 0.92 lb/hr, 4.03 TPY

Applicable Compliance Method:

Compliance with the lb/hour PE emissions limitation shall be demonstrated by the use of AP-42 Table 1.3-1 (09/98) and the worse case maximum fuel throughput as shown in the following equation.

$$0.007 \text{ lb/gal} * 131 \text{ gals/hr} = 0.92 \text{ lb/hr}$$

The annual emissions (TPY) shall be determined by multiplying the calculated lb/hour emissions by the maximum annual hours of operation (8,760 hours), and then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the short term limitation, compliance shall also be shown with the annual emission limitation.

Emissions testing, if required, shall be conducted using the following test method: 40 CFR Part 60, Appendix A, Methods 1 - 5. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA Southeast District Office.

f. Emission Limitation

Emissions of Sulfur Dioxide (SO<sub>2</sub>) shall not exceed 9.85 lbs/hr, 43.15 TPY.

Applicable Compliance Method

Compliance with the lb/hour PE emissions limitation shall be demonstrated by the use of AP-42 Table 1.3-1 (09/98) and the worse case maximum fuel throughput as shown in the following equation.

$$0.075 \text{ lb/gal} * 131 \text{ gals/hr} = 9.85 \text{ lbs/hr}$$

The annual emissions (TPY) shall be determined by multiplying the calculated lb/hour emissions by the maximum annual hours of operation (8,760 hours), and then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the short term limitation, compliance shall also be shown with the annual emission limitation.

Emissions testing, if required, shall be conducted using the following test method: 40 CFR Part 60, Appendix A, Method 6. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA Southeast District Office.

#### **F. Miscellaneous Requirements**

1. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic compound will be less than 1.0 ton. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any pollutant that has a listed TLV to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.

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

**A. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
T011 - 7.14 Million Gallon Asphalt Storage Tank	OAC rule 3745-31-05(A)(3)       OAC rule 3745-21-09(L)(2)  40 CFR 60 Subpart Kb	This tank shall be equipped with submerged filling.  Annual emissions of Volatile Organic Compounds shall not exceed 1.75 tons.  The requirements of this rule also include compliance with the requirements of 40 CFR Part 60, Subpart Kb (NSPS).  See Section B.1 below  See Section C.2 below

**2. Additional Terms and Conditions**

- 2.a None

**B. Operational Restrictions**

1. The permittee shall not place, store, or hold in this fixed roof tank any petroleum 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.

**C. Monitoring and/or Record keeping Requirements**

1. 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.
2. In accordance with 40 CFR 60.116b(a) and (b), the owner and operator shall keep readily accessible records showing the dimensions of each storage vessel and an analysis showing the capacity of each storage vessel for the life of each source.
3. The permittee shall maintain records of the following information.
  - a. The types of petroleum liquids stored in the tank.
  - 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 square inch absolute.
4. All records required under C. Monitoring and/or Record keeping Requirements, shall be maintained for at least 2 years, except the record required by C(2) which will be kept for the life of the control equipment.

**D. Reporting Requirements**

1. 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>
T011	7.14 Million gallons fixed roof storage tank	40 CFR 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);
- 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 - Permit Management Unit  
P.O. Box 163669  
Columbus, OH 43216-3669

and

Ohio Environmental Protection Agency  
Southeast District Office  
2195 Front Street  
Logan, OH 43138

2. If the permittee places, stores, or holds in the fixed roof tank any petroleum 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 Southeast District Office within 30 days of becoming aware of the occurrence.

#### **E. Testing Requirements**

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation

Annual emissions of Volatile Organic Compounds shall not exceed 1.75 tons

Applicable Compliance Method:

Compliance shall be determined by a one time calculation using the TANKS Program 4.0 or other

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**Facility ID: 0627000046**

Emissions Unit ID: **T011**

method acceptable to the Ohio EPA Southeast District Office.

**F. Miscellaneous Requirements**

None

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

**A. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
T012 - 7.14 Million Gallon Asphalt Storage Tank	OAC rule 3745-31-05(A)(3)  OAC rule 3745-21-09(L)(2)  40 CFR 60 Subpart Kb	This tank shall be equipped with submerged filling.  Annual emissions of Volatile Organic Compounds shall not exceed 1.75 tons.  The requirements of this rule also include compliance with the requirements of 40 CFR Part 60, Subpart Kb (NSPS).  See Section B.1 below  See Section C.2 below

**2. Additional Terms and Conditions**

- 2.a None

**B. Operational Restrictions**

1. The permittee shall not place, store, or hold in this fixed roof tank any petroleum 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.

### C. Monitoring and/or Record keeping Requirements

1. 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.
2. In accordance with 40 CFR 60.116b(a) and (b), the owner and operator shall keep readily accessible records showing the dimensions of each storage vessel and an analysis showing the capacity of each storage vessel for the life of each source.
3. The permittee shall maintain records of the following information.
  - a. The types of petroleum liquids stored in the tank.
  - 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 square inch absolute.
4. All records required under C. Monitoring and/or Recordkeeping Requirements, shall be maintained for at least 2 years, except the record required by C(2) which will be kept for the life of the control equipment.

### D. Reporting Requirements

1. 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>
T011	7.14 Million gallons fixed roof storage tank	40 CFR 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);
- 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 - Permit Management Unit  
 P.O. Box 163669  
 Columbus, OH 43216-3669

and

Ohio Environmental Protection Agency  
 Southeast District Office  
 2195 Front Street  
 Logan, OH 43138

- 2. If the permittee places, stores, or holds in the fixed roof tank any petroleum 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 Southeast District Office within 30 days of becoming aware of the occurrence.

**E. Testing Requirements**

- 1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation

Annual emissions of Volatile Organic Compounds shall not exceed 1.75 tons

Applicable Compliance Method:

**Middleport Terminal Inc**  
**PTI Application: 06 07019**  
**Issued**

**Facility ID: 0627000046**

Emissions Unit ID: **T012**

Compliance shall be determined by a one time calculation using the TANKS Program 4.0 or other method acceptable to the Ohio EPA Southeast District Office.

**F. Miscellaneous Requirements**

None

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

**A. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
T013 - 7.14 Million Gallon Asphalt Storage Tank	OAC rule 3745-31-05(A)(3)  OAC rule 3745-21-09(L)(2)  40 CFR 60 Subpart Kb	This tank shall be equipped with submerged filling.  Annual emissions of Volatile Organic Compounds shall not exceed 1.75 tons.  The requirements of this rule also include compliance with the requirements of 40 CFR Part 60, Subpart Kb (NSPS).  See Section B.1 below  See Section C.2 below

**2. Additional Terms and Conditions**

- 2.a None

**B. Operational Restrictions**

1. The permittee shall not place, store, or hold in this fixed roof tank any petroleum 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.

### C. Monitoring and/or Record keeping Requirements

1. 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.
2. In accordance with 40 CFR 60.116b(a) and (b), the owner and operator shall keep readily accessible records showing the dimensions of each storage vessel and an analysis showing the capacity of each storage vessel for the life of each source.
3. The permittee shall maintain records of the following information.
  - a. The types of petroleum liquids stored in the tank.
  - 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 square inch absolute.
4. All records required under C. Monitoring and/or Recordkeeping Requirements, shall be maintained for at least 2 years, except the record required by C(2) which will be kept for the life of the control equipment.

### D. Reporting Requirements

1. 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>
T011	7.14 Million gallons fixed roof storage tank	40 CFR 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

**Middleport Terminal Inc**  
**PTI Application: 06 07010**  
**Issued**

**Facility ID: 0627000046**

Emissions Unit ID: **T013**

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);
- 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 - Permit Management Unit  
P.O. Box 163669  
Columbus, OH 43216-3669

and

Ohio Environmental Protection Agency  
Southeast District Office  
2195 Front Street  
Logan, OH 43138

- 2. If the permittee places, stores, or holds in the fixed roof tank any petroleum 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 Southeast District Office within 30 days of becoming aware of the occurrence.

**E. Testing Requirements**

- 1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation

Annual emissions of Volatile Organic Compounds shall not exceed 1.75 tons

Applicable Compliance Method:

Compliance shall be determined by a one time calculation using the TANKS Program 4.0 or other

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**PTI A**

**Issued: 2/25/2003**

Emissions Unit ID: **T013**

method acceptable to the Ohio EPA Southeast District Office.

**F. Miscellaneous Requirements**

None

**NEW SOURCE REVIEW FORM B**

PTI Number: 06-07018 Facility ID: 0627000046

FACILITY NAME Middleport Terminal Inc

FACILITY DESCRIPTION Storage tanks. CITY/TWP Gallinolis

Emissions Unit ID: T013

SIC CODE 2951 SCC CODE 30500207 EMISSIONS UNIT ID B001

EMISSIONS UNIT DESCRIPTION 16 MM btu/hr Dual Helical Coil Thermal Fluid Heater

DATE INSTALLED 3/03

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 <sub>10</sub>	Attainment	0.92 lb/hr	1.34	0.92 lb/hr	4.03
Sulfur Dioxide	Attainment	9.85 lb/hr	14.3	9.85 lb/hr	43.15
Organic Compounds	Attainment	0.07 lb/hr	0.11	0.07 lb/hr	0.31
Nitrogen Oxides	Attainment	2.63 lb/hr	3.82	2.63 lb/hr	11.52
Carbon Monoxide	Attainment	0.66 lb/hr	0.96	0.66 lb/hr	2.89
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NO NESHAP? NO PSD? NO OFFSET POLICY? NO

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

Combustion of natural gas, #2 distillate oil and/or used oil

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? NO

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

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to containinants 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: 06-07018 Facility ID: 0627000046

FACILITY NAME Middleport Terminal Inc

FACILITY DESCRIPTION Storage tanks. CITY/TWP Gallinolis

Emissions Unit ID: T013

SIC CODE 2951 SCC CODE 40301099 EMISSIONS UNIT ID T011

EMISSIONS UNIT DESCRIPTION 7.14 Million Gallon Asphalt Storage Tank

DATE INSTALLED 3/03

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 <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds	Attainment		1.75		1.75
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? Kb NESHAP? NO PSD? NO OFFSET POLICY? NO

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

Submerged filling

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

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

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to containinants 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: 06-07018 Facility ID: 0627000046

FACILITY NAME Middleport Terminal Inc

FACILITY DESCRIPTION Storage tanks. CITY/TWP Gallinolis

Emissions Unit ID: T013

SIC CODE 2951 SCC CODE 40301099 EMISSIONS UNIT ID T012

EMISSIONS UNIT DESCRIPTION 7.14 Million Gallon Asphalt Storage Tank

DATE INSTALLED 3/03

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 <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds	Attainment		1.75		1.75
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? Kb NESHAP? NO PSD? NO OFFSET POLICY? NO

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

Submerged filling

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? NO

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

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to containinants 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:

30 **NEW SOURCE REVIEW FORM B**

PTI Number: 06-07018 Facility ID: 0627000046

FACILITY NAME Middleport Terminal Inc

FACILITY DESCRIPTION Storage tanks. CITY/TWP Gallinolis

Emissions Unit ID: T013

SIC CODE 2951 SCC CODE \_\_\_\_\_ EMISSIONS UNIT ID T013

EMISSIONS UNIT DESCRIPTION 7.14 Million Gallon Asphalt Storage Tank

DATE INSTALLED \_\_\_\_\_

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 <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds	Attainment		1.75		1.75
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? Kb NESHAP? NO PSD? NO OFFSET POLICY? NO

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

Submerged filling

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? NO

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

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to containinants 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: \_\_\_\_\_