



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL  
CUYAHOGA 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: 13-03948**

**DATE: 1/16/2003**

Center Terminal Co. (frm Fleet Supplies)  
Ray Idzior  
Post Office Box 419041 600 Mason Ridge Center Drive  
St. Louis, MO 64141

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

CBAPC



**Permit To Install  
Terms and Conditions**

**Issue Date: 1/16/2003  
Effective Date: 1/16/2003**

**FINAL PERMIT TO INSTALL 13-03948**

Application Number: 13-03948  
APS Premise Number: 1318005897  
Permit Fee: **\$14950**  
Name of Facility: Center Terminal Co. (frm Fleet Supplies)  
Person to Contact: Ray Idzior  
Address: Post Office Box 419041 600 Mason Ridge Center Drive  
St. Louis, MU 64141

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**250 Mahoning Avenue  
Cleveland, Ohio**

Description of proposed emissions unit(s):  
**PTI application and modification request for two bulk terminals having many emissions units -- J001-J003, P002, T001-T007, T012-T025, T034-T039, T054-T056 for a synthetic minor permit to install.**

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

**3. Records Retention Requirements**

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

**4. Inspections and Information Requests**

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

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

**5. Scheduled Maintenance/Malfunction Reporting**

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

**6. Permit Transfers**

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

**7. Air Pollution Nuisance**

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

**8. Termination of Permit to Install**

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

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

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

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

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

#### **10. Public Disclosure**

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

#### **11. Applicability**

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

#### **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.

Center Terminal Co. (frm Fleet Supplies)  
PTI Application: 13-03948  
Issued: 1/16/2003

Facility ID: 1318005897

**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>
Facility Wide VOC	91.16

Center Terminal Co. (frm Fleet Supplies)

Facility ID: 1318005897

PTI Application: 13 03048

Issued

Emissions Unit ID: J001

**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.

Operations, Property,  
and/or Equipment

Applicable Rules/Requirements

J001 - Modified South Terminal Loading Rack consisting of six bottom loading arms in two bays loading gasoline, distillates (K-1 kerosene, Jet A kerosene, low and high sulfur diesel fuel or distillate fuel oil number 2) and fuel ethanol into delivery vessels and equipped with a flare

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

minor to avoid Title V permit

Applicable Emissions  
Limitations/Control Measures

31.97 lbs/hr of Volatile Organic Compound (VOC) emissions

Gasoline loading:  
0.160 lb of VOC/1,000 gallons when loading gasoline RVP 9 (RVP = Reid vapor pressure, in pounds per square inch) into delivery vessels;

0.222 lb of VOC/1,000 gallons when loading gasoline RVP 13.5 into delivery vessels; and

0.209 lb of VOC/1,000 gallons when loading gasoline RVP 15 into delivery vessels

Distillate loading:  
0.00424 lb of VOC/1,000 gallons when loading distillates into delivery vessels

Fuel ethanol loading:  
0.0231 lb of VOC/1,000 gallons when loading fuel ethanol into delivery vessels

See II.A.2.a below.

VOC emissions from truck loading operations identified in this permit (J001, J002 and J003) shall not exceed 18.90 tons per year as a rolling, 12-month summation;

91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;

See II.A.2.b below.

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).

40 CFR 63.420(a)(2) Subpart R

40 CFR 60 Subpart XX

OAC rule 3745-21-09(Q)

**2. Additional Terms and Conditions**

- 2.a** This emissions unit J001 shall be equipped with a vapor collection system whereby during the transfer of product to any delivery vessel:
- i. all vapors displaced from the delivery vessel during loading are vented only to the vapor collection system;
  - ii. all vapors collected by the vapor collection system are vented to the vapor control system;
  - iii. a means shall be provided to prevent drainage of product from the loading device when it is not in use or to accomplish complete drainage before the loading device is disconnected; and
  - iv. all product loading lines and vapor lines shall be equipped with fittings that are vapor tight.
- 2.b** This emissions unit J001 is not subject to 40 CFR 63.420(a)(2) Subpart R because this facility is not a major Miscellaneous Requirements source.

**B. Operational Restrictions**

- 1. a. Compliance with the combined emission limitations as stated in Section II.A.1 for emissions units J001, J002 and J003 shall be achieved by restricting the annual throughput of gasoline, distillates, and fuel ethanol. The annual throughput of gasoline, distillates, and fuel ethanol, shall not exceed 145,000,000 gallons, 181,000,000 gallons and 210,000,000 gallons, respectively, based on a rolling, 12-month summation of the throughput for each material.
- b. The Reid Vapor Pressure (RVP) of gasoline loaded at emissions unit J001 shall meet the requirements of 40 CFR 80.27, the "Federal RVP Standard".
- c. To ensure enforceability during the first twelve months of operation following issuance of this permit, the permittee shall not exceed the volume throughput levels specified in the following table:

Month	Maximum Allowable Cumulative Volume Throughput of:		
	Gasoline (Gallons)	Distillates (Gallons)	Ethanol (Gallons)
1	18,125,000	22,625,000	26,250,000
1- 2	36,250,000	45,250,000	52,500,000
1- 3	54,375,000	67,875,000	78,750,000
1- 4	72,500,000	90,500,000	105,000,000
1- 5	90,625,000	113,125,000	131,250,000
1- 6	108,750,000	135,750,000	157,500,000
1- 7	126,875,000	158,375,000	183,750,000
1- 8	145,000,000	181,000,000	210,000,000
1- 9	145,000,000	181,000,000	210,000,000
1- 10	145,000,000	181,000,000	210,000,000
1- 11	145,000,000	181,000,000	210,000,000
1- 12	145,000,000	181,000,000	210,000,000

- d. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual volume throughput in gallons shall be based upon the rolling, 12-month summations of the monthly volume throughput in gallons.
- e. A pilot flame shall be maintained at all times when this emissions unit is in operation in the flare's pilot light burner.
- 2. a. The permittee shall document the monthly emissions by tracking the monthly VOC

Emissions Unit ID: J001

emission factors, volume throughputs, emission rates, and the emission control efficiency by weight of the flare to calculate monthly actual VOC emissions generated by the facility.

- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Truck loading operations (Tons)	Cumulative Emissions of Facility VOC Emissions (Tons)
1	1.70	13.75
1-	2 3.40	26.91
1-	3 5.22	40.48
1-	4 6.87	53.01
1-	5 8.34	57.60
1-	6 9.79	62.06
1-	7 11.25	66.52
1-	8 12.72	70.99
1-	9 14.36	75.63
1-	10 16.18	80.46
1-	11 17.87	85.15
1-	12 18.90	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

**C. Monitoring and/or Recordkeeping Requirements**

- 1. The permittee shall maintain monthly records of the following monthly emission information for this emissions unit and all other truck loading operations:
  - a. the total individual throughputs of gasoline, distillates and fuel ethanol at this emissions unit for each month, in gallons;
  - b. the rolling, 12-month summations of the total gasoline, distillates and fuel ethanol throughputs at this emissions unit, in gallons:

$$\begin{array}{l}
 \text{Volume throughput} \\
 \text{current month,} \\
 \text{gallons of product}
 \end{array}
 +
 \begin{array}{l}
 \text{Volume throughput} \\
 \text{previous 11 months,} \\
 \text{gallons of product}
 \end{array}
 =
 \begin{array}{l}
 \text{Volume throughput} \\
 \text{total 12-month,} \\
 \text{gallons of product}
 \end{array}$$

- c. the total VOC emissions, in tons, generated by truck loading operations identified in this permit;
- d. the rolling, 12-month summation of VOC emissions, in tons, generated by truck loading operations identified in this permit after the first 12 calendar months of operation following the issuance of this permit:

$$\begin{array}{rclcl}
 \text{Air emissions} & & \text{Air emissions} & & \text{Air emissions} \\
 \text{current month,} & & \text{previous 11 months,} & = & \text{total 12-month,} \\
 \text{tons of emissions} & + & \text{tons of emissions} & & \text{tons of emissions}
 \end{array}$$

and

- e. the rolling, 12-month summation of VOC emissions, in tons, generated by all emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

$$\begin{array}{rclcl}
 \text{Air emissions} & & \text{Air emissions} & & \text{Air emissions} \\
 \text{current month,} & & \text{previous 11 months,} & = & \text{total 12-month,} \\
 \text{tons of emissions} & + & \text{tons of emissions} & & \text{tons of emissions}
 \end{array}$$

- 2. The permittee shall properly 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 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; and
- b. the operating times for the flare, monitoring equipment, and the associated emissions unit.

## 3. Air Toxic Emission Requirements

- a. The permit to install for this emissions unit (J001) was evaluated based on the actual materials (typically gasoline, distillates and fuel ethanol) 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):

i.	Pollutant	N-butane
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	1,902,000
	Maximum Hourly Emission Rate (pounds/hr):	7.986
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	1,150
	MAGLC (ug/m <sup>3</sup> ):	45,286
ii.	Pollutant	Heptane, Isomers of
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	1,640,000
	Maximum Hourly Emission Rate (pounds/hr):	1.090
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	157
	MAGLC (ug/m <sup>3</sup> ):	39,048
iii.	Pollutant	Pentane, isomers of
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	1,771,000
	Maximum Hourly Emission Rate (pounds/hr):	8.568
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	1,234
	MAGLC (ug/m <sup>3</sup> ):	42,167
iv.	Pollutant	N-pentane
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	1,771,000
	Maximum Hourly Emission Rate (pounds/hr):	2.737
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	394
	MAGLC (ug/m <sup>3</sup> ):	42,167
v.	Pollutant	Hexane, isomers of
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	1,762,000
	Maximum Hourly Emission Rate (pounds/hr):	1.528

	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	220
	MAGLC (ug/m <sup>3</sup> ):	41,952
vi.	Pollutant	N-hexane
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	176,000
	Maximum Hourly Emission Rate (pounds/hr):	0.5371
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	77
	MAGLC (ug/m <sup>3</sup> ):	4,190
vii.	Pollutant	Toluene
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	188,000
	Maximum Hourly Emission Rate (pounds/hr):	0.5307
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	76.5
	MAGLC (ug/m <sup>3</sup> ):	4,476
viii.	Pollutant	Ethanol
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	1,884,000
	Maximum Hourly Emission Rate (pounds/hr):	30.37
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	4,375
	MAGLC (ug/m <sup>3</sup> ):	44,857
b.	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 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:	
i.	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;	

Emissions Unit ID: **J001**

- ii. 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
  - iii. 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.).
- c. 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:"

- i. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
  - ii. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and
  - iii. 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.
4. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency (Ohio EPA). All records shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

#### **D. Reporting Requirements**

- 1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the following:
  - a. the rolling, 12-month restrictions on the throughputs of gasoline, distillates and fuel ethanol;
  - b. the rolling, 12-month emissions restriction for VOC emissions generated by the truck loading operations identified in this permit; and

- c. the rolling, 12-month emissions restriction for VOC emissions generated by all emissions units at this facility;

The reports shall also document the cause of each deviation (excursion) and an explanation of any corrective actions which have been taken or will be taken to prevent a similar deviation (excursion) in the future. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

2. The permittee shall submit annual reports of the total throughputs at the truck loading operations identified in this permit, in gallons, for gasoline, distillates, and fuel ethanol, and the total VOC emissions for all emissions units at this facility. These annual reports shall be submitted by January 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous calendar year.
3. 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. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

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

1. Compliance with the emission limitation(s) in Section II.A.1 of these terms and conditions shall be determined in accordance with the following method(s):
  - a. Emission Limitations:  
  
0.160 lb of VOC/1,000 gallons when loading gasoline RVP 9 into delivery vessels

Center Terminal Co. (frm Fleet Supplies)

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Issued

Facility ID: 1318005897

Emissions Unit ID: J001

0.222 lb of VOC/1,000 gallons when loading gasoline RVP 13.5 into delivery vessels

0.209 lb of VOC/1,000 gallons when loading gasoline RVP 15 into delivery vessels

0.00424 lb of VOC/1,000 gallons when loading distillates into delivery vessels

0.0231 lb of VOC/1,000 gallons when loading fuel ethanol into delivery vessels

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall use the following emission factors:

- i. The VOC emissions from gasoline and distillates material loading shall be determined using USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 5.2, Equation 5.2-1 (1/95).

The emission factors shall represent the controlled emission rate using a control efficiency of 98% by weight for VOC emissions for the flare.

Compliance via emission stack test:

If stack testing the emission control equipment is feasible as determine by the Director of Ohio Environmental Protection Agency, within twelve months after the start up of this emissions unit, the permittee shall conduct or have conducted an emission test for this emissions unit in order to demonstrate compliance with the allowable VOC emission rate. This test shall be conducted between the months of May and September. The emission test methods and procedures are those outlined in OAC rule 3475-21-10(E).

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Cleveland Division of Air Quality . 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 Cleveland Division of Air Quality's refusal to accept the results of the emission test(s).

Personnel from the Cleveland Division of Air Quality 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



**Center Terminal Co. (frm Fleet Supplies)**

**PTI Application: 12 03048**

**Issued**

**Facility ID: 1318005897**

**Emissions Unit ID: J001**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
J002 - Modified four lane North Terminal Loading Rack equipped with 14 bottom loading arms for gasoline, distillates (K-1 kerosene, Jet A kerosene, low and high sulfur diesel fuel or distillate fuel oil number 2) and fuel ethanol into delivery vessels and equipped with a flare	OAC 3745-31-05(A)(3)

OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	<u>Applicable Emissions Limitations/Control Measures</u>	91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
40 CFR 63.420(a)(2) Subpart R	63.94 lbs/hr of Volatile Organic Compound (VOC) emissions  Gasoline loading: 0.160 lb of VOC/1,000 gallons when loading gasoline RVP 9 (RVP = Reid vapor pressure, in pounds per square inch) into delivery vessels;	See II.A.2.b below.  The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
40 CFR 60 Subpart XX	0.222 lb of VOC/1,000 gallons when loading gasoline RVP 13.5 into delivery vessels; and  0.209 lb of VOC/1,000 gallons when loading gasoline RVP 15 into delivery vessels	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-21-09(Q)	Distillates loading: 0.00424 lb of VOC/1,000 gallons when loading distillates into delivery vessels.  Fuel ethanol loading: 0.0231 lb of VOC/1,000 gallons when loading fuel ethanol into delivery vessels.	
	See II.A.2.a below.	
	VOC emissions from truck loading operations identified in this permit (J001, J002 and J003) shall not exceed 18.90 tons per year as a rolling, 12-month summation;	

## 2. Additional Terms and Conditions

**2.a** This emissions unit J002 shall be equipped with a vapor collection system whereby during the transfer of product to any delivery vessel:

- i. all vapors displaced from the delivery vessel during loading are vented only to the vapor collection system;
- ii. all vapors collected by the vapor collection system are vented to the vapor control system;
- iii. a means shall be provided to prevent drainage of product from the loading device when it is not in use or to accomplish complete drainage before the loading device is disconnected; and
- iv. all product loading lines and vapor lines shall be equipped with fittings that are vapor tight.

**2.b** This emissions unit J002 is not subject to 40 CFR 63.420(a)(2) Subpart R because this facility is not a major Miscellaneous Requirements source.

## B. Operational Restrictions

1. a. Compliance with the combine emission limitations as stated in Section II.A.1 for emissions units J001, J002 and J003 shall be achieved by restricting the annual throughput of gasoline, distillates, and fuel ethanol. The annual throughput of gasoline, distillates, and fuel ethanol, shall not exceed 145,000,000 gallons, 181,000,000 gallons and 210,000,000 gallons, respectively, based on a rolling, 12-month summation of the throughput for each material.
- b. The Reid Vapor Pressure (RVP) of gasoline loaded at emissions unit J002 shall meet the requirements of 40 CFR 80.27, the "Federal RVP Standard".
- c. To ensure enforceability during the first twelve months of operation following issuance of this permit, the permittee shall not exceed the volume throughput levels specified in the following table:

Month	Maximum Allowable Cumulative Volume Throughput of:		
	Gasoline (Gallons)	Distillates (Gallons)	Ethanol (Gallons)
1	18,125,000	22,625,000	26,250,000

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1- 2	36,250,000	45,250,000	52,500,000
1- 3	54,375,000	67,875,000	78,750,000
1- 4	72,500,000	90,500,000	105,000,000
1- 5	90,625,000	113,125,000	131,250,000
1- 6	108,750,000	135,750,000	157,500,000
1- 7	126,875,000	158,375,000	183,750,000
1- 8	145,000,000	181,000,000	210,000,000
1- 9	145,000,000	181,000,000	210,000,000
1- 10	145,000,000	181,000,000	210,000,000
1- 11	145,000,000	181,000,000	210,000,000
1- 12	145,000,000	181,000,000	210,000,000

- d. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual volume throughput in gallons shall be based upon the rolling, 12-month summations of the monthly volume throughput in gallons.

- e. A pilot flame shall be maintained at all times when this emissions unit is in operation in the flare's pilot light burner.
2.
    - a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs, emission rates and the emission control efficiency by weight of the flare, to calculate monthly actual VOC emissions generated by the facility.
    - b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Truck loading operations (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	1.70	13.75
1-	2 3.40	26.91
1-	3 5.22	40.48
1-	4 6.87	53.01
1-	5 8.34	57.60
1-	6 9.79	62.06
1-	7 11.25	66.52
1-	8 12.72	70.99
1-	9 14.36	75.63
1-	10 16.18	80.46
1-	11 17.87	85.15
1-	12 18.90	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

### C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the following monthly emission information for this emissions unit and all other truck loading operations:
  - a. the total individual throughputs of gasoline, distillates and fuel ethanol at this emissions

unit for each month, in gallons;

- b. the rolling, 12-month summations of the total gasoline, distillates and fuel ethanol throughputs at this emissions unit, in gallons;

Volume throughput current month, gallons of product	+	Volume throughput previous 11 months, 12-month, gallons of product	=	Volume throughput total gallons of product
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- c. the total VOC emissions, in tons, generated by truck loading operations identified in this permit after the first 12 calendar months of operation following the issuance of this permit;
- d. the rolling, 12-month summation of VOC emissions, in tons, generated by truck loading operations identified in this permit after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
--	---	--	---	---

and

- e. the rolling, 12-month summation of VOC emissions, in tons, generated by all emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
--	---	--	---	---

2. The permittee shall properly 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 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:

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- a. all periods during which there was no pilot flame; and
- b. the operating times for the flare, monitoring equipment, and the associated emissions unit.

### 3. Air Toxic Emission Requirements

- a. The permit to install for this emissions unit (J002) was evaluated based on the actual materials (typically gasoline, distillates and fuel ethanol) 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):

i.	Pollutant	N-butane
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	1,902,000
	Maximum Hourly Emission Rate (pounds/hr):	15.97
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	15.76
	MAGLC (ug/m <sup>3</sup> ):	45,286
ii.	Pollutant	Heptane, isomers of
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	1,640,000
	Maximum Hourly Emission Rate (pounds/hr):	2.18
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	2.15
	MAGLC (ug/m <sup>3</sup> ):	39,048
iii.	Pollutant	Pentane, isomers of
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	1,771,000
	Maximum Hourly Emission Rate (pounds/hr):	17.14
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	16.91
	MAGLC (ug/m <sup>3</sup> ):	42,167
iv.	Pollutant	N-pentane
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	1,771,000
	Maximum Hourly Emission Rate (pounds/hr):	5.47
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	5.40
	MAGLC (ug/m <sup>3</sup> ):	42,167

v.	Pollutant	Hexane, isomers of
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	1,762,000
	Maximum Hourly Emission Rate (pounds/hr):	3.06
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	3.017
	MAGLC (ug/m <sup>3</sup> ):	41,952
vi.	Pollutant	N-hexane
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	176,000
	Maximum Hourly Emission Rate (pounds/hr):	1.074
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	1.06
	MAGLC (ug/m <sup>3</sup> ):	4,190
vii.	Pollutant	Toluene
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	188,000
	Maximum Hourly Emission Rate (pounds/hr):	1.061
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	1.05
	MAGLC (ug/m <sup>3</sup> ):	4,476
viii.	Pollutant	Ethanol
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	1,884,000
	Maximum Hourly Emission Rate (pounds/hr):	7.653
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	59.95
	MAGLC (ug/m <sup>3</sup> ):	44,857

- b. 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 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:

Emissions Unit ID: **J002**

- i. 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;
  - ii. 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
  - iii. 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.).
- c. 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:"

- i. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
  - ii. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and
  - iii. 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.
4. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director of any authorized representative of the Director for review during normal business hours.

#### **D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the following:
  - a. the rolling, 12-month restrictions on the throughputs of gasoline, distillates and fuel ethanol;
  - b. the rolling, 12-month emissions restriction for VOC emissions generated by the truck loading operations identified in this permit; and
  - c. the rolling, 12-month emissions restriction for VOC emissions generated by all emissions units at this facility.

The reports shall also document the cause of each deviation (excursion) and an explanation of any corrective actions which have been taken or will be taken to prevent a similar deviation (excursion) in the future. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

2. The permittee shall submit annual reports of the total throughputs at the truck loading operations identified in this permit, in gallons, for gasoline, distillates, and fuel ethanol, and the total VOC emissions for all emissions units at this facility. These annual reports shall be submitted by January 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous calendar year.
3. The permittee shall submit semi-annual 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. These annual reports shall be submitted by January 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous calendar year.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

**E. Testing Requirements**

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

- a. Emission Limitations:

0.160 lb of VOC/1,000 gallons when loading gasoline RVP 9 into delivery vessels

0.222 lb of VOC/1,000 gallons when loading gasoline RVP 13.5 into delivery vessels

0.209 lb of VOC/1,000 gallons when loading gasoline RVP 15 into delivery vessels

0.00424 lb of VOC/1,000 gallons when loading distillates into delivery vessels

0.0231 lb of VOC/1,000 gallons when loading fuel ethanol into delivery vessels

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall use the following emission factors:

- i. The VOC emissions from gasoline and distillates material loading shall be determined using USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 5.2, Equation 5.2-1 (1/95).  
The emission factors shall represent the controlled emission rate using a control efficiency of 98% by weight for VOC emissions for the flare.

Compliance via emission stack test:

If stack testing the emission control equipment is feasible as determine by the Director of Ohio Environmental Protection Agency, within twelve months after the start up of this emissions unit, the permittee shall conduct or have conducted an emission test for this emissions unit in order to demonstrate compliance with the allowable VOC emission rate. This test shall be conducted between the months of May and September. The emission test methods and procedures are those outlined in OAC rule 3475-21-10(E).

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an

"Intent to Test" notification to the Cleveland Division of Air Quality . 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 Cleveland Division of Air Quality's refusal to accept the results of the emission test(s).

Personnel from the Cleveland Division of Air Quality 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 emission test(s) shall be signed by the person or persons responsible for the tests and submitted to the Cleveland Division of Air Quality within 30 days following the completion of the test(s).

b. Emission Limitations:

18.90 tons VOC per year as a rolling, 12-month summation for the truck loading operations identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

Compliance shall be determined by maintaining monthly and rolling, 12-month records of the amount of throughput for each material processed in accordance with Section II.C. Emissions shall be calculated by multiplying the emission factors cited above in Section II.E.1.a by the rolling, 12-month summation of the throughput for each material processed and dividing by 2000 lbs/ton. Total emissions shall be the sum of the emissions for each material processed. The calculations shall be performed at the beginning of each month and shall cover the previous 12-month period.

$$\begin{array}{rclcl}
 \text{Volume} & & \text{X} & \text{Applicable emission} & & 2,000 & = & \text{Air emissions} \\
 \text{throughput total} & & & \text{factor (RVP specific} & \div & \text{pounds} & & \text{total 12-month,} \\
 \text{12-month, gallons} & & & \text{for gasoline) in} & & \text{per ton} & & \text{tons of emissions} \\
 \text{of product} & & & \text{pounds per 1,000} & & & & \\
 & & & \text{gallons of} & & & & 
 \end{array}$$

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c. Emission Limitations:

63.94 lbs/hr VOC emissions

Compliance Method:

A one-time calculation of the hourly potential to emit, based upon the worst case operating scenario, shall be used to demonstrate compliance with this limitation.

**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

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

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

- 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>
J003 - Specialty loading rack consisting of 3 fully submerged top loading arms for loading distillates (K-1 kerosene, Jet A kerosene, low and high sulfur diesel fuel or distillate fuel oil number 2) into delivery vessels	<p>OAC rule 3745-31-05(A)(3)</p> <p>OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit</p> <p>40 CFR 63.420(a)(2) Subpart R</p> <p>OAC rule 3745-21-09(Q)</p>	<p>5.35 lbs/hr of Volatile Organic Compound (VOC) emissions</p> <p>Distillates loading: 0.223 lb of VOC/1,000 gallons when loading distillates into delivery vessels</p> <p>VOC emissions from truck loading operations identified in this permit (J001, J002 and J003) shall not exceed 18.90 tons per year as a rolling, 12-month summation;</p> <p>91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;</p> <p>See II.A.2.a below.</p> <p>See II.A.2.b below.</p>

### 2. Additional Terms and Conditions

- This emissions unit J003 is not subject to 40 CFR 63.420(a)(2) Subpart R because this facility is not a major Miscellaneous Requirements source.

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Emissions Unit ID: **J003**

**2.b** This emissions unit J003 is not subject to OAC rule 3745-21-09(Q).

- 2.c The terms and conditions of this permit supercede the terms and conditions contained in PTI #13-1681 for this emissions unit.

## B. Operational Restrictions

1. a. Compliance with the combined emission limitations as stated in Section II.A.1 for emissions units J001, J002 and J003 shall be achieved by restricting the annual throughput of distillates. The annual throughput of distillates shall not exceed 181,000,000 gallons, based on a rolling, 12-month summation of the throughput for each material.
- b. To ensure enforceability during the first twelve months of operation following issuance of this permit, the permittee shall not exceed the volume throughput levels specified in the following table:

Month	Maximum Allowable Cumulative Volume Throughput of: Distillates (Gallons)
1	22,625,000
1- 2	45,250,000
1- 3	67,875,000
1- 4	90,500,000
1- 5	113,125,000
1- 6	135,750,000
1- 7	158,375,000
1- 8	181,000,000
1- 9	181,000,000
1- 10	181,000,000
1- 11	181,000,000
1- 12	181,000,000

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual volume throughput in gallons shall be based upon the rolling, 12-month summations of the monthly volume throughput in gallons.

2.
  - a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the facility.
  - b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Truck loading operations (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	1.70	13.75
1-	2 3.40	26.91
1-	3 5.22	40.48
1-	4 6.87	53.01
1-	5 8.34	57.60
1-	6 9.79	62.06
1-	7 11.25	66.52
1-	8 12.72	70.99
1-	9 14.36	75.63
1-	10 16.18	80.46
1-	11 17.87	85.15
1-	12 18.90	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

### C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the following monthly emission information for this emissions unit and all other truck loading operations:
  - a. the total individual throughputs of distillates at this emissions unit for each month, in gallons;

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- b. the rolling, 12-month summations of the total distillates throughputs at this emissions unit, in gallons;

Volume throughput current month, gallons of product	+	Volume throughput previous 11 months, 12-month, gallons of product	=	Volume throughput total gallons of product
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- c. the total VOC emissions, in tons, generated by the truck loading operations;

- d. the rolling, 12-month summation of VOC emissions, in tons, generated by truck loading operations identified by this permit after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
--	---	--	---	---

and

- e. the rolling, 12-month summation of VOC emissions, in tons, generated by all emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
--	---	--	---	---

2. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

#### D. Reporting Requirements

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the following:

- a. the rolling, 12-month restrictions on the throughputs of distillates;
- b. the rolling, 12-month emissions restriction for VOC emissions generated by the truck loading operations identified in this permit; and
- c. the rolling, 12-month emissions restriction for VOC emissions generated by all emissions units at this facility.

The reports shall also document the cause of each deviation (excursion) and an explanation of any corrective actions which have been taken or will be taken to prevent a similar deviation (excursion) in the future. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

2. The permittee shall submit annual reports of the total throughputs at the truck loading operations identified in this permit, in gallons, for distillates and the total VOC emissions for all emissions units at this facility. These annual reports shall be submitted by January 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous calendar year.

## **E. Testing Requirements**

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

0.223 lb of VOC/1,000 gallons when loading distillates into delivery vessels

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall use the following emission factors:

Center Terminal Co. (frm Fleet Supplies)

Facility ID: 1318005897

PTI Application: 13-03048

Issued

Emissions Unit ID: J003

The VOC emissions from distillates loading shall be determined using USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 5.2, Equation 5.2-1 (1/95).

b. Emission Limitation

18.90 tons VOC per year as a rolling, 12-month summation for the truck loading operations identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

Compliance shall be determined by maintaining monthly and rolling, 12-month records of the amount of throughput for each material processed in accordance with Section II.C. Emissions shall be calculated by multiplying the emission factors cited above in Section II.E.1.a by the rolling, 12-month summation of the throughput for each material processed and dividing by 2000 lbs/ton. Total emissions shall be the sum of the emissions for each material processed. The calculations shall be performed at the beginning of each month and shall cover the previous 12-month period.

$$\begin{array}{r} \text{Volume} \\ \text{throughput total} \\ \text{12-month, gallons} \\ \text{of product} \end{array} \times \begin{array}{r} \text{Applicable emission} \\ \text{factor (RVP specific} \\ \text{for gasoline) in} \\ \text{pounds per 1,000} \\ \text{gallons of} \end{array} \div \begin{array}{r} 2,000 \\ \text{pounds} \\ \text{per ton} \end{array} = \begin{array}{r} \text{Air emissions} \\ \text{total 12-month,} \\ \text{tons of emissions} \end{array}$$

c. Emission Limitations:

5.35 lbs/hr VOC emissions

Compliance Method:

A one-time calculation of the hourly potential to emit, based upon the worst case operating scenario, shall be used to demonstrate compliance with this limitation.

**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
P002 - lake barge loading operation consisting of two fully submerged fill tubes loading gasoline and distillates (K-1 kerosene, Jet A kerosene, low and high sulfur diesel fuel or distillate fuel oil number 2) into barges	OAC rule 3745-31-05(A)(3)
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit

40 CFR 63 Subpart Y  
OAC rule 3745-21-09(Q)

Applicable Emissions  
Limitations/Control Measures

333.60 lbs/hr of Volatile Organic  
Compound (VOC) emissions

Gasoline loading:  
3.99 lbs of VOC/1,000 gallons when  
loading gasoline RVP 9 (RVP =  
Reid vapor pressure, in pounds per  
square inch) into barge;

5.56 lbs of VOC/1,000 gallons when  
loading gasoline RVP 13.5 into  
barge;

5.22 lbs of VOC/1,000 gallons when  
loading gasoline RVP 15 into barge;  
and

Distillates loading:  
0.11 lb of VOC/1,000 gallons when  
loading distillates into barge

34.25 tons VOC/year as a rolling,  
12-month summation for this  
emissions unit;

91.16 tons VOC per year as a  
rolling, 12-month summation for all  
emissions units at this facility;

See II.A.2.a below.

See II.A.2.b below.

**2. Additional Terms and Conditions**

**2.a** This emissions unit is not subject to 40 CFR 63 Subpart Y, National Emission Standards

for Marine Tank Vessel Loading Operations, because this non-major emissions unit was in operation before the September 19, 1997 applicability date of this subpart and its maximum annual throughput is less than the subpart threshold of 420,000,000 gallons of gasoline per year.

- 2.b** This emissions unit P002 Operation is not subject to OAC rule 3745-21-09(Q).
- 2.c** The terms and conditions of this permit supercede the terms and conditions contained in PTI #13-1722 for this emissions unit.

## **B. Operational Restrictions**

1.
  - a. Compliance with the emission limitations as stated in Section II.A.1 shall be achieved by restricting the annual throughput of gasoline and distillates. The annual throughput of gasoline and distillates shall not exceed 13,500,000 gallons, and 35,000,000 gallons respectively, based on a rolling, 12-month summation of the throughput.
  - b. The Reid Vapor Pressure (RVP) of gasoline loaded at emissions unit J002 shall meet the requirements of 40 CFR 80.27, the "Federal RVP Standard".
  - c. To ensure enforceability during the first twelve months of operation following issuance of this permit, the permittee shall not exceed the volume throughput levels specified in the following table:

Month	Maximum Allowable Cumulative Volume Throughput of:	
	Gasoline (Gallons)	Distillates (Gallons)
1	1,687,500	4,375,000
1- 2	3,375,000	8,750,000
1- 3	5,062,500	13,125,000
1- 4	6,750,000	17,500,000
1- 5	8,437,500	21,875,000
1- 6	10,125,000	26,250,000
1- 7	11,812,500	30,625,000
1- 8	13,500,000	35,000,000
1- 9	13,500,000	35,000,000
1- 10	13,500,000	35,000,000
1- 11	13,500,000	35,000,000
1- 12	13,500,000	35,000,000

- d. After the first twelve (12) calendar months of operation following the issuance of this permit, compliance with the annual volume throughput in gallons shall be based upon the rolling, 12-month summation of the monthly volume throughput in gallons.
- e. Top submerged filling, as defined in OAC rule 3745-21-01(H)(13), shall be employed for all product loading at this emissions unit.
- f. During the period from April 1 to October 31, gasoline loading is limited to night time (from 6:00 P.M. to 6:00 A.M.). The unfinished gasoline loading continuing into the following day time will be stopped if the ambient air ozone level exceeds the Air Quality Index (AQI) of 80 (or 0.076 ppm ozone or 0.149 mg/m<sup>3</sup> ozone) at the nearest ozone AQI index monitor; and no benzene service, as defined in 40 CFR 61, will be allowed. This ambient ozone level is subject to the future ambient ozone standard when promulgated.
2. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable P002 VOC Emissions (Tons)	Cumulative Emissions of Facility VOC Emissions (Tons)
1	8.75	13.75
1- 2	17.50	26.91
1- 3	26.25	40.48
1- 4	34.25	53.01
1- 5	34.25	57.60
1- 6	34.25	62.06
1- 7	34.25	66.52
1- 8	34.25	70.99
1- 9	34.25	75.63
1- 10	34.25	80.46
1- 11	34.25	85.15
1- 12	34.25	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month

summations of the monthly emission rate in tons.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information:

- a. the total individual throughputs of gasoline and distillates at this emissions unit for each month, in gallons;
- b. the rolling, 12-month summations of the total gasoline and distillates throughputs at this emissions unit, in gallons;

Volume throughput current month,	+	Volume throughput previous 11 months, 12-month,	=	Volume throughput total
gallons of product		gallons of product		gallons of product

- c. the total VOC emissions, in ton, generated by this emissions unit and all emissions units at this facility;
- d. the rolling, 12-month summation of VOC emissions, in tons, generated by this emissions unit after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

and

- e. the rolling, 12-month summation of VOC emissions, in tons, generated by all emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

## 2. Air Toxic Emission Requirements

- a. The permit to install for this emissions unit (P002) was evaluated based on the actual materials (typically gasoline and distillates) 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):

i.	Pollutant	N-butane
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	1,902,000
	Maximum Hourly Emission Rate (pounds/hr):	83.33
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	5,097
	MAGLC (ug/m <sup>3</sup> ):	45,286
ii.	Pollutant	Heptane, isomers of
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	1,640,000
	Maximum Hourly Emission Rate (pounds/hr):	11.38
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	696
	MAGLC (ug/m <sup>3</sup> ):	39,048
iii.	Pollutant	Pentane, isomers of
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	1,771,000
	Maximum Hourly Emission Rate (pounds/hr):	89.40
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	5,468
	MAGLC (ug/m <sup>3</sup> ):	42,167
iv.	Pollutant	N-pentane
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	1,771,000
	Maximum Hourly Emission Rate (pounds/hr):	28.56
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	1,747
	MAGLC (ug/m <sup>3</sup> ):	42,167

v.	Pollutant	Hexane, isomers of
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	1,762,000
	Maximum Hourly Emission Rate (pounds/hr):	15.95
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	975
	MAGLC (ug/m <sup>3</sup> ):	41,952
vi.	Pollutant	N-hexane
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	176,000
	Maximum Hourly Emission Rate (pounds/hr):	5.604
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	342.8
	MAGLC (ug/m <sup>3</sup> ):	4,190
vii.	Pollutant	Toluene
	TLV micrograms per cubic meter (ug/m <sup>3</sup> ):	188,000
	Maximum Hourly Emission Rate (pounds/hr):	5.538
	Predicted 1-Hour Maximum Ground-Level Concentration (ug/m <sup>3</sup> ):	338.7
	MAGLC (ug/m <sup>3</sup> ):	4,476

- b. 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 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:
- i. 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;
  - ii. 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

Emissions Unit ID: **P002**

- iii. 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.).
- c. 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:"

- i. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
  - ii. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and
  - iii. 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.
3. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director of any authorized representative of the Director for review during normal business hours.

#### **D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the following:
  - a. the rolling, 12-month restrictions on the throughputs of gasoline and distillates;
  - b. the rolling, 12-month emissions restriction for VOC emissions generated by this emissions unit; and
  - c. the rolling, 12-month emissions restriction for VOC emissions generated by all emissions units at this facility.

The reports shall also document the cause of each deviation (excursion) and an explanation of any corrective actions which have been taken or will be taken to prevent a similar deviation (excursion) in the future. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

2. The permittee shall submit annual reports of the total throughputs at the Lake Barge Loading Operation, in gallons, for gasoline and distillates and the total VOC emissions for all emissions units at this facility. These annual reports shall be submitted by January 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous calendar year.

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

1. Compliance with the emission limitation(s) in Section II.A.1 of these terms and conditions shall be determined in accordance with the following method(s):
  - a. Emission Limitations:
    - 3.99 lbs of VOC/1,000 gallons when loading gasoline RVP 9 into barges;
    - 5.56 lbs of VOC/1,000 gallons when loading gasoline RVP 13.5 into barges;
    - 5.22 lbs of VOC/1,000 gallons when loading gasoline RVP 15 into barges; and
    - 0.11 lb of VOC/1,000 gallons when loading distillates into barges

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall use the following emission factors:

- i. The VOC emissions from gasoline and distillates material loading shall be determined using USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 5.2, Equation 5.2-1 (1/95).

b. Emission Limitation

34.25 ton VOC per year as a rolling, 12-month summation for this emissions unit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

Compliance shall be determined by maintaining monthly and rolling, 12-month records of the amount of throughput for each material processed in accordance with Section II.C. Emissions shall be calculated by multiplying the emission factors cited above in Section II.E.1.a by the rolling, 12-month summation of the throughput for each material processed and dividing by 2000 lbs/ton. Total emissions shall be the sum of the emissions for each material processed. The calculations shall be performed at the beginning of each month and shall cover the previous 12-month period.

Volume throughput total 12-month, gallons of product	X	Applicable emission factor (RVP specific for gasoline) in pounds per 1,000 gallons of	÷	2,000 pounds per ton	=	Air emissions total 12-month, tons of emissions
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c. Emission Limitations:

333.60 lbs/hr VOC emissions

Compliance Method:

**Center Terminal Co. (frm Fleet Supplies)**

**PTI Application: 12 03048**

**Issued**

**Facility ID: 1318005897**

Emissions Unit ID: **P002**

A one-time calculation of the hourly potential to emit, based upon the worst case operating scenario, shall be used to demonstrate compliance with this limitation.

**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
T001 - 3,551,058 gallon fixed roof storage tank. This storage tank was installed in 1972. The company ID is Tank 1.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(D) and OAC rule 3745-21-09(L).
	OAC rule 3745-21-07(D)	Use of submerged fill when loading this emissions unit
	OAC rule 3745-21-09(L)	See II.A.2.a below.
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	See II.A.2.b below.
		VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.c below.

**2. Additional Terms and Conditions**

- 2.a** This emissions unit is prohibited from storing any photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5), with a vapor pressure of 1.5 pounds per square inch absolute (psia) or greater under actual storage conditions. Should the permittee wish to store any photochemically reactive material with a vapor pressure of 1.5 psia or greater at actual storage conditions in this emissions unit, modifications would need to be made to this storage tank to comply with OAC rule 3745-21-07(D).
- 2.b** This emissions unit is prohibited from storing any petroleum liquids, as defined in OAC rule 3745-21-01(E)(13), with a true vapor pressure greater than 1.52 pounds per square inch absolute (psia) under actual storage conditions. Should the permittee wish to store any petroleum liquids with a vapor pressure greater than 1.52 psia at actual storage conditions in this emissions unit, modifications would need to be made to this storage tank to comply with OAC rule 3745-21-09(L).
- 2.c** Storage tanks identified in this permit as emissions unit numbers T001, T002, T003, T004, T005, T006 and T007 are inherently restricted by the throughput, in gallons, of the material processed by emissions unit J001. Emissions unit J001 has federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

## B. Operational Restrictions

1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of Facility VOC Emissions (Tons)
1	3.00	13.75
1- 2	6.01	26.91
1- 3	9.01	40.48
1- 4	12.01	53.01
1- 5	15.01	57.60
1- 6	18.02	62.06
1- 7	21.02	66.52
1- 8	24.02	70.99

Center Terminal Co. (frm Fleet Supplies)

PTI Application: 13-03049

Issued

Facility ID: 1318005897

Emissions Unit ID: T001

1-	9	27.02	75.63
1-	10	30.03	80.46
1-	11	33.03	85.15
1-	12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

### C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:
 

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions
  - d. The total VOC emissions, in tons, generated by all emissions units at this facility; and
  - e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:
 

Air emissions current month,	+	Air emissions previous 11 months,	=	Air emissions total
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- |    | 12-month,<br>tons of emissions  | tons of emissions | tons of emissions |
|----|---|-------------------|-------------------|
| 3. | All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director or any authorized representative of the Director for review during normal business hours. |                   |                   |

#### **D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

2. The permittee shall submit semi-annual deviation (excursion) reports which identify all periods when any photochemically reactive material with a vapor pressure of 1.5 psia or greater was stored. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.
3. The permittee shall submit semi-annual deviation (excursion) reports which identify all periods when any petroleum liquid material with a vapor pressure greater than 1.52 psia was stored. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

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

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

Center Terminal Co. (frm Fleet Supplies)

PTI Application: 12-02048

Issued

Facility ID: 1318005897

Emissions Unit ID: T001

## a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

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

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

- 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>
T002 - 909,342 gallon fixed roof storage tank. This storage tank was installed in 1972. The company ID is Tank 2.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(D) and OAC rule 3745-21-09(L).
	OAC rule 3745-21-07(D)	Use of submerged fill when loading this emissions unit
	OAC rule 3745-21-09(L)	See II.A.2.a below.
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	See II.A.2.b below.
		VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.c below.

### 2. Additional Terms and Conditions

- 2.a** This emissions unit is prohibited from storing any photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5), with a vapor pressure of 1.5 pounds per square inch absolute (psia) or greater under actual storage conditions. Should the permittee wish to store any photochemically reactive material with a vapor pressure of 1.5 psia or greater at actual storage conditions in this emissions unit, modifications would need to be made to this storage tank to comply with OAC rule 3745-21-07(D).
- 2.b** This emissions unit is prohibited from storing any petroleum liquids, as defined in OAC rule 3745-21-01(E)(13), with a true vapor pressure greater than 1.52 pounds per square inch absolute (psia) under actual storage conditions. Should the permittee wish to store any petroleum liquids with a vapor pressure greater than 1.52 psia at actual storage conditions in this emissions unit, modifications would need to be made to this storage tank to comply with OAC rule 3745-21-09(L).
- 2.c** Storage tanks identified in this permit as emissions unit numbers T001, T002, T003, T004, T005, T006 and T007 are inherently restricted by the throughput, in gallons, of the material processed by emissions unit J001. Emissions unit J001 has federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

## B. Operational Restrictions

1.
  - a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
  - b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06
1-	7 21.02	66.52

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1-	8	24.02	70.99
1-	9	27.02	75.63
1-	10	30.03	80.46
1-	11	33.03	85.15
1-	12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

### C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:
 

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions
  - d. The total VOC emissions, in tons, generated by all emissions units at this facility.
  - e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month,  tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total  tons of emissions
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- All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director of any authorized representative of the Director for review during normal business hours.

#### **D. Reporting Requirements**

- The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

- The permittee shall submit semi-annual deviation (excursion) reports which identify all periods when any photochemically reactive material with a vapor pressure of 1.5 psia or greater was stored. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.
- The permittee shall submit semi-annual deviation (excursion) reports which identify all periods when any petroleum liquid material with a vapor pressure greater than 1.52 psia was stored. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

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

**Center Terminal Co. (frm Fleet Supplies)**

**PTI Application: 13 03048**

**Issued**

**Facility ID: 1318005897**

**Emissions Unit ID: T002**

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

a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, tons of emissions	=	Air emissions total 12-month, tons of emissions
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**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
T003 - 940,000 gallon internal floating roof storage tank. This internal floating roof storage tank was installed 1972. The company ID is Tank 3.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(L).
		Use of submerged fill when loading this emissions unit
		Use of an internal floating roof
	OAC rule 3745-21-09(L)	See II.A.2.a and II.A.2.b below.
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.c below.

**2. Additional Terms and Conditions**

- 2.a The automatic bleeder vent shall be closed at all times except when the roof is floated off

Emissions Unit ID: T003

or landed on the roof leg supports, and the rim vents, if provided, shall be set to open when the roof is being floated off the roof leg supports or is at the manufacturer's recommended setting.

- 2.b** All openings, except stub drains, shall be equipped with a cover, seal or lid which is to be in a closed position at all times except when in actual use for tank gauging or sampling.
- 2.c** Storage tanks identified in this permit as emissions unit numbers T001, T002, T003, T004, T005, T006 and T007 are inherently restricted by the throughput, in gallons, of the material processed by emissions unit J001. Emissions unit J001 has federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

## B. Operational Restrictions

1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06
1-	7 21.02	66.52
1-	8 24.02	70.99
1-	9 27.02	75.63
1-	10 30.03	80.46
1-	11 33.03	85.15
1-	12 36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

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Emissions Unit ID: **T003**

### C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
  
2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:
 

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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  - d. The total VOC emissions, in tons, generated by all emissions units at this facility.
  - e. The rolling, 12-month summation of single VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:
 

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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3. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made

available to the Director or any authorized representative of the Director for review during normal business hours.

#### **D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

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

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

- a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000

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Facility ID: 1318005897

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Emissions Unit ID: T003

lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

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

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

- 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>
T004 - 1,486,000 gallon internal floating roof storage tank. This internal floating roof storage tank was installed 1972. The company ID is Tank 4.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(L).
		Use of submerged fill when loading this emissions unit
		Use of an internal floating roof
	OAC rule 3745-21-09(L)	See II.A.2.a and II.A.2.b below.
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.c below.

### 2. Additional Terms and Conditions

- 2.a** The automatic bleeder vent shall be closed at all times except when the roof is floated off or landed on the roof leg supports, and the rim vents, if provided, shall be set to open when the roof is being floated off the roof leg supports or is at the manufacturer's recommended setting.
- 2.b** All openings, except stub drains, shall be equipped with a cover, seal or lid which is to be in a closed position at all times except when in actual use for tank gauging or sampling.
- 2.c** Storage tanks identified in this permit as emissions unit numbers T001, T002, T003, T004, T005, T006 and T007 are inherently restricted by the throughput, in gallons, of the material processed by emissions unit J001. Emissions unit J001 has federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

## B. Operational Restrictions

1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable Cumulative Emissions of: VOC Emissions for Permitted Tanks (Tons)	Facility VOC Emissions (Tons)
1	3.00	13.75
1- 2	6.01	26.91
1- 3	9.01	40.48
1- 4	12.01	53.01
1- 5	15.01	57.60
1- 6	18.02	62.06
1- 7	21.02	66.52
1- 8	24.02	70.99
1- 9	27.02	75.63
1- 10	30.03	80.46
1- 11	33.03	85.15
1- 12	36.03	91.16

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Emissions Unit ID: **T004**

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

### C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
  
2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:
 

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions
  - d. The total emissions, in tons, generated by all emissions units at this facility.
  - e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:
 

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions
  
3. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made

available to the Director or any authorized representative of the Director for review during normal business hours.

#### **D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

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

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

- a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000

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Emissions Unit ID: T004

lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month,  tons of emissions	+	Air emissions previous 11 months, 12-month,  tons of emissions	=	Air emissions total  tons of emissions
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**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

## 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>
T005 - 30,000 gallon horizontal cylindrical storage tank. This storage tank was installed in 1972. The company ID is Tank 5.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(L).
	OAC rule 3745-21-09(L)	Use of submerged fill when loading this emissions unit
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	See II.A.2.a below.
		VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility.
		See II.A.2.b below.

### 2. Additional Terms and Conditions

- 2.a In accordance with OAC rule 3745-21-09(L), 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.

- 2.b** Storage tanks identified in this permit as emissions unit numbers T001, T002, T003, T004, T005, T006 and T007 are inherently restricted by the throughput, in gallons, of the material

processed by emissions unit J001. Emissions unit J001 has federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

## B. Operational Restrictions

1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1- 2	6.01	26.91
1- 3	9.01	40.48
1- 4	12.01	53.01
1- 5	15.01	57.60
1- 6	18.02	62.06
1- 7	21.02	66.52
1- 8	24.02	70.99
1- 9	27.02	75.63
1- 10	30.03	80.46
1- 11	33.03	85.15
1- 12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

## C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and

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Emissions Unit ID: T005

- b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:

- a. The amount of throughput, in gallons;
- b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
- c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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- d. The total VOC emissions, in tons, generated by all emissions units at this facility.
- e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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3. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

#### D. Reporting Requirements

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland

Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

## E. Testing Requirements

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

- a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month,  tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total  tons of emissions
--	---	--	---	---

## F. Miscellaneous Requirements

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
T006 - 30,000 gallon horizontal cylindrical storage tank. This storage tank was installed in 1972. The company ID is Tank 6.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(L).
	OAC rule 3745-21-09(L)	Use of submerged fill when loading this emissions unit
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	See II.A.2.a below.
		VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.b below.

**2. Additional Terms and Conditions**

- 2.a** In accordance with OAC rule 3745-21-09(L), 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.
- 2.b** Storage tanks identified in this permit as emissions unit numbers T001, T002, T003, T004,

T005, T006 and T007 are inherently restricted by the throughput, in gallons, of the material

processed by emissions unit J001. Emissions unit J001 has federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

## B. Operational Restrictions

1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1- 2	6.01	26.91
1- 3	9.01	40.48
1- 4	12.01	53.01
1- 5	15.01	57.60
1- 6	18.02	62.06
1- 7	21.02	66.52
1- 8	24.02	70.99
1- 9	27.02	75.63
1- 10	30.03	80.46
1- 11	33.03	85.15
1- 12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

## C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and

- b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
- a. The amount of throughput, in gallons;
- b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
- c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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- d. The total VOC emissions, in tons, generated by all emissions units at this facility.
- e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
--	---	--	---	---

3. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

#### D. Reporting Requirements

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the

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Emissions Unit ID: T006

storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

## E. Testing Requirements

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

- a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

## F. Miscellaneous Requirements

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
T007 - 1,000,000 gallon internal floating roof storage tank. This internal floating roof storage tank was installed 1972. The company ID is Tank 7.	OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-21-09(L).
		Use of submerged fill when loading this emissions unit
		Use of an internal floating roof
	OAC rule 3745-21-09(L)	See II.A.2.a and II.A.2.b below.
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.c below.

**2. Additional Terms and Conditions**

- 2.a The automatic bleeder vent shall be closed at all times except when the roof is floated off

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Emissions Unit ID: **T007**

or landed on the roof leg supports, and the rim vents, if provided, shall be set to open when the roof is being floated off the roof leg supports or is at the manufacturer's recommended setting.

- 2.b** All openings, except stub drains, shall be equipped with a cover, seal or lid which is to be in a closed position at all times except when in actual use for tank gauging or sampling.
- 2.c** Storage tanks identified in this permit as emissions unit numbers T001, T002, T003, T004, T005, T006 and T007 are inherently restricted by the throughput, in gallons, of the material processed by emissions unit J001. Emissions unit J001 has federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

## B. Operational Restrictions

1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06
1-	7 21.02	66.52
1-	8 24.02	70.99
1-	9 27.02	75.63
1-	10 30.03	80.46
1-	11 33.03	85.15
1-	12 36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

### C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank.
  - b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
  
2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit; and
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:
 

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions
  - d. The total VOC emissions, in tons, generated by all emissions units at this facility.
  - e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:
 

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions
  
3. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director or any authorized representative of the Director for review during normal

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Emissions Unit ID: **T007**

business hours.

**D. Reporting Requirements**

- 1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

**E. Testing Requirements**

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

- a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA’s TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

$$\begin{array}{rcl} \text{Air emissions} & & \text{Air emissions} & & \text{Air emissions} \\ \text{current month,} & + & \text{previous 11 months,} & = & \text{total} \end{array}$$



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

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

- 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 - 2,822,232 gallon fixed roof storage tank. This storage tank was installed in 1950. The company ID is Tank 18119.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(D) and OAC rule 3745-21-09(L).
	OAC rule 3745-21-07(D)	Use of submerged fill when loading this emissions unit
	OAC rule 3745-21-09(L)	See II.A.2.a below.
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	See II.A.2.b below.
		VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.c below.

### 2. Additional Terms and Conditions

- 2.a** This emissions unit is prohibited from storing any photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5), with a vapor pressure of 1.5 pounds per square inch absolute (psia) or greater under actual storage conditions. Should the permittee wish to store

Emissions Unit ID: **T012**

any photochemically reactive material with a vapor pressure of 1.5 psia or greater at actual storage conditions in this emissions unit, modifications would need to be made to this storage tank to comply with OAC rule 3745-21-07(D).

- 2.b** This emissions unit is prohibited from storing any petroleum liquids, as defined in OAC rule 3745-21-01(E)(13), with a true vapor pressure greater than 1.52 pounds per square inch absolute (psia) under actual storage conditions. Should the permittee wish to store any petroleum liquids with a vapor pressure greater than 1.52 psia at actual storage conditions in this emissions unit, modifications would need to be made to this storage tank to comply with OAC rule 3745-21-09(L).
- 2.c** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

## B. Operational Restrictions

1.
  - a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
  - b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06
1-	7 21.02	66.52
1-	8 24.02	70.99
1-	9 27.02	75.63
1-	10 30.03	80.46

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1-	11	33.03	85.15
1-	12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

### C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
  
2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:
 

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions
  - d. The total VOC emissions, in tons, generated by all emissions units at this facility.
  - e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month,  tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total  tons of emissions
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3. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director of any authorized representative of the Director for review during normal business hours.

**D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

2. The permittee shall submit semi-annual deviation (excursion) reports which identify all periods when any photochemically reactive material with a vapor pressure of 1.5 psia or greater was stored. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.
3. The permittee shall submit semi-annual deviation (excursion) reports which identify all periods when any petroleum liquid material with a vapor pressure greater than 1.52 psia was stored. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

**E. Testing Requirements**

1. Compliance with the emission limitation(s) in Section II.A.1 of these terms and conditions shall be

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**Emissions Unit ID: T012**

determined in accordance with the following method(s):

a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.



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Emissions Unit ID: T013

Applicable Emissions  
Limitations/Control Measures

The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(L).

Use of submerged fill when loading this emissions unit

Use of an internal floating roof

See II.A.2.a and II.A.2.b below.

VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;

91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;

See II.A.2.c and II.A.2.d below.

The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-35-07(B).

## 2. Additional Terms and Conditions

- 2.a** The automatic bleeder vent shall be closed at all times except when the roof is floated off or landed on the roof leg supports, and the rim vents, if provided, shall be set to open when the roof is being floated off the roof leg supports or is at the manufacturer's recommended setting.
- 2.b** All openings, except stub drains, shall be equipped with a cover, seal or lid which is to be in a closed position at all times except when in actual use for tank gauging or sampling.
- 2.c** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.
- 2.d** The terms and conditions of this permit supercede the terms and conditions contained in PTI #13-3618 for this emissions unit.

## B. Operational Restrictions

1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06

1-	7	21.02	66.52
1-	8	24.02	70.99
1-	9	27.02	75.63
1-	10	30.03	80.46
1-	11	33.03	85.15
1-	12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

**C. Monitoring and/or Recordkeeping Requirements**

- 1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
- 2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

- d. The total VOC emissions, in tons, generated by all emissions units at this facility.

- e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month,  tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total  tons of emissions
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- 3. 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 60.116(a) and (b), the owner and operator of the following storage vessel(s) shall keep readily accessible records showing the dimension of each storage vessel and an analysis showing the capacity of each storage vessel for the life of each emissions unit.

Source Number:	Tank Size:
T013	2,820,000 gallons

- 4. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director of any authorized representative of the Director for review during normal business hours.

**D. Reporting Requirements**

- 1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These

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Emissions Unit ID: **T013**

reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

**E. Testing Requirements**

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

a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

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

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

- 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>
T014 - 2,822,484 gallon internal floating roof storage tank. The storage tank was converted into an internal floating roof storage tank per permit to installed issued in 1986. The company ID is Tank 18121.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(L).
	OAC rule 3745-21-09(L)	Use of submerged fill when loading this emissions unit
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	Use of an internal floating roof
		See II.A.2.a and II.A.2.b below.
		VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.c and II.A.2.d below.
	40 CFR 60 Subpart Kb	The emission limitation specified by this rule is less stringent than the emission limitation established

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**Center Terminal Co. (frm Fleet Supplies)**

**PTI Application: 13 03048**

**Issued**

**Facility ID: 1318005897**

**Emissions Unit ID: T014**

pursuant to OAC rule  
3745-35-07(B).

## 2. Additional Terms and Conditions

- 2.a** The automatic bleeder vent shall be closed at all times except when the roof is floated off or landed on the roof leg supports, and the rim vents, if provided, shall be set to open when the roof is being floated off the roof leg supports or is at the manufacturer's recommended setting.
- 2.b** All openings, except stub drains, shall be equipped with a cover, seal or lid which is to be in a closed position at all times except when in actual use for tank gauging or sampling.
- 2.c** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.
- 2.d** The terms and conditions of this permit supercede the terms and conditions contained in PTI #13-1608 for this emissions unit.

## B. Operational Restrictions

1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06

1-	7	21.02	66.52
1-	8	24.02	70.99
1-	9	27.02	75.63
1-	10	30.03	80.46
1-	11	33.03	85.15
1-	12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

### C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:
 

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions
  - d. The total VOC emissions, in tons, generated by all emissions units at this facility.

- e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month,  tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total  tons of emissions
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- 3. 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 60.116(a) and (b), the owner and operator of the following storage vessel(s) shall keep readily accessible records showing the dimension of each storage vessel and an analysis showing the capacity of each storage vessel for the life of each emissions unit.

Source Number:	Tank Size:
T014	2,822,484 gallons

- 4. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director of any authorized representative of the Director for review during normal business hours.

**D. Reporting Requirements**

- 1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

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**Center**

**PTI A**

**Issued: 1/16/2003**

Emissions Unit ID: **T014**

**E. Testing Requirements**

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

a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

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

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

- 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>
T015 - 2,734,410 gallon internal floating roof storage tank. The storage tank was converted into an internal floating roof storage tank per permit to install issued on September 3, 1986. The company ID is Tank 18122.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(L).
	OAC rule 3745-21-09(L)	Use of submerged fill when loading this emissions unit
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	Use of an internal floating roof
		See II.A.2.a and II.A.2.b below.
		VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.c and II.A.2.d below.
	40 CFR 60 Subpart Kb	The emission limitation specified by this rule is less stringent than the emission limitation established

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**Center Terminal Co. (frm Fleet Supplies)**

**PTI Application: 12 03048**

**Issued**

**Facility ID: 1318005897**

**Emissions Unit ID: T015**

pursuant to OAC rule  
3745-35-07(B).

## 2. Additional Terms and Conditions

- 2.a** The automatic bleeder vent shall be closed at all times except when the roof is floated off or landed on the roof leg supports, and the rim vents, if provided, shall be set to open when the roof is being floated off the roof leg supports or is at the manufacturer's recommended setting.
- 2.b** All openings, except stub drains, shall be equipped with a cover, seal or lid which is to be in a closed position at all times except when in actual use for tank gauging or sampling.
- 2.c** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.
- 2.d** The terms and conditions of this permit supercede the terms and conditions contained in PTI #13-1608 for this emissions unit.

## B. Operational Restrictions

1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06

1-	7	21.02	66.52
1-	8	24.02	70.99
1-	9	27.02	75.63
1-	10	30.03	80.46
1-	11	33.03	85.15
1-	12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

**C. Monitoring and/or Recordkeeping Requirements**

- 1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
- 2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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- d. The total VOC emissions, in tons, generated by all emissions units at this facility.

- e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

- 3. 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 60.116(a) and (b), the owner and operator of the following storage vessel(s) shall keep readily accessible records showing the dimension of each storage vessel and an analysis showing the capacity of each storage vessel for the life of each emissions unit.

Source Number:	Tank Size:
T015	2,734,410 gallons

- 4. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director of any authorized representative of the Director for review during normal business hours.

**D. Reporting Requirements**

- 1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

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**PTI A**

**Issued: 1/16/2003**

Emissions Unit ID: **T015**

### E. Testing Requirements

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

- a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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### F. Miscellaneous Requirements

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
T016 - 4,064,508 gallon fixed roof storage tank. This storage tank was installed in 1950. The company ID is Tank 18123.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(D) and OAC rule 3745-21-09(L).
	OAC rule 3745-21-07(D)	Use of submerged fill when loading this emissions unit
	OAC rule 3745-21-09(L)	See II.A.2.a below.
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	See II.A.2.b below.
		VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
	91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;	
	See II.A.2.c and II.A.2.d below.	

**2. Additional Terms and Conditions**

- 2.a This emissions unit is prohibited from storing any photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5), with a vapor pressure of 1.5 pounds per square

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Issued: 1/16/2003

Emissions Unit ID: **T016**

inch absolute (psia) or greater under actual storage conditions. Should the permittee wish to store

any photochemically reactive material with a vapor pressure of 1.5 psia or greater at actual storage conditions in this emissions unit, modifications would need to be made to this storage tank to comply with OAC rule 3745-21-07(D).

- 2.b** This emissions unit is prohibited from storing any petroleum liquids, as defined in OAC rule 3745-21-01(E)(13), with a true vapor pressure greater than 1.52 pounds per square inch absolute (psia) under actual storage conditions. Should the permittee wish to store any petroleum liquids with a vapor pressure greater than 1.52 psia at actual storage conditions in this emissions unit, modifications would need to be made to this storage tank to comply with OAC rule 3745-21-09(L).
- 2.c** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.
- 2.d** The terms and conditions of this permit supercede the terms and conditions contained in PTI #13-3618 for this emissions unit.

**B. Operational Restrictions**

- 1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60

Center Terminal Co. (frm Fleet Supplies)

Facility ID: 1318005897

PTI Application: 13 03048

Issued

Emissions Unit ID: T016

1-	6	18.02	62.06
1-	7	21.02	66.52
1-	8	24.02	70.99
1-	9	27.02	75.63
1-	10	30.03	80.46
1-	11	33.03	85.15
1-	12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

**C. Monitoring and/or Recordkeeping Requirements**

- 1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
- 2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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- d. The total VOC emissions, in tons, generated by all emissions units at this facility.

- e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

3. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

#### **D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

2. The permittee shall submit semi-annual deviation (excursion) reports which identify all periods when any photochemically reactive material with a vapor pressure of 1.5 psia or greater was stored. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.
3. The permittee shall submit semi-annual deviation (excursion) reports which identify all periods when any petroleum liquid material with a vapor pressure greater than 1.52 psia was stored. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month

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**Center**

**PTI A**

**Issued: 1/16/2003**

Emissions Unit ID: **T016**

calendar period.

**E. Testing Requirements**

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

a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA’s TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
T017 - 984,186 gallon internal floating roof storage tank. The internal floating roof storage tank was installed in 1950. The company ID is Tank 18124.	OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-21-09(L).  Use of submerged fill when loading this emissions unit  Use of an internal floating roof
	OAC rule 3745-21-09(L)	See II.A.2.a and II.A.2.b below.
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;  91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;  See II.A.2.c below.

**2. Additional Terms and Conditions**

- 2.a The automatic bleeder vent shall be closed at all times except when the roof is floated off or landed on the roof leg supports, and the rim vents, if provided, shall be set to open when the roof is being floated off the roof leg supports or is at the manufacturer's

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**Center**

**PTI A**

**Issued: 1/16/2003**

Emissions Unit ID: **T017**

recommended setting.

- 2.b** All openings, except stub drains, shall be equipped with a cover, seal or lid which is to be in a closed position at all times except when in actual use for tank gauging or sampling.
- 2.c** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

## B. Operational Restrictions

1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06
1-	7 21.02	66.52
1-	8 24.02	70.99
1-	9 27.02	75.63
1-	10 30.03	80.46
1-	11 33.03	85.15
1-	12 36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

**C. Monitoring and/or Recordkeeping Requirements**

- 1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
- 2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

- d. The total VOC emissions, in tons, generated by all emissions units at this facility.
- e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

- 3. All records including any supporting information, analyses and computations required by this

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Emissions Unit ID: **T017**

permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director of any authorized representative of the Director for review during normal business hours.

#### D. Reporting Requirements

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

#### E. Testing Requirements

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

- a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

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Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
T018 - 705,642 gallon internal floating roof storage tank. The internal floating roof storage tank was installed in 1950. The company ID is Tank 18125.	OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-21-09(L).
		Use of submerged fill when loading this emissions unit
		Use of an internal floating roof
	OAC rule 3745-21-09(L)	See II.A.2.a and II.A.2.b below.
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.c below.

**2. Additional Terms and Conditions**

- 2.a The automatic bleeder vent shall be closed at all times except when the roof is floated off or landed on the roof leg supports, and the rim vents, if provided, shall be set to open when the roof is being floated off the roof leg supports or is at the manufacturer's

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**Issued: 1/16/2003**

Emissions Unit ID: **T018**

recommended setting.

- 2.b** All openings, except stub drains, shall be equipped with a cover, seal or lid which is to be in a closed position at all times except when in actual use for tank gauging or sampling.
- 2.c** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

## B. Operational Restrictions

1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06
1-	7 21.02	66.52
1-	8 24.02	70.99
1-	9 27.02	75.63
1-	10 30.03	80.46
1-	11 33.03	85.15
1-	12 36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

**C. Monitoring and/or Recordkeeping Requirements**

- 1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
- 2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

- d. The total VOC emissions, in tons, generated by all emissions units at this facility;
- e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

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**Issued**

**Facility ID: 1318005897**

**Emissions Unit ID: T018**

3. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director of any authorized representative of the Director for review during normal business hours.

**D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

**E. Testing Requirements**

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

- a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month,  tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total  tons of emissions
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**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
T019 - 99,120 gallon internal floating roof storage tank. The internal floating roof storage tank was installed in 1954. The company ID is Tank 18190.	OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-21-09(L).
		Use of submerged fill when loading this emissions unit
		Use of an internal floating roof
	OAC rule 3745-21-09(L)	See II.A.2.a and II.A.2.b below.
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.c below.

**2. Additional Terms and Conditions**

- 2.a The automatic bleeder vent shall be closed at all times except when the roof is floated off

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Emissions Unit ID: **T019**

or landed on the roof leg supports, and the rim vents, if provided, shall be set to open when the roof is being floated off the roof leg supports or is at the manufacturer's recommended setting.

- 2.b** All openings, except stub drains, shall be equipped with a cover, seal or lid which is to be in a closed position at all times except when in actual use for tank gauging or sampling.
- 2.c** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

## B. Operational Restrictions

1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06
1-	7 21.02	66.52
1-	8 24.02	70.99
1-	9 27.02	75.63
1-	10 30.03	80.46
1-	11 33.03	85.15
1-	12 36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:
 

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions
  - d. The total VOC emissions, in tons, generated by all emissions units at this facility;
  - e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:
 

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

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**Issued**

**Facility ID: 1318005897**

**Emissions Unit ID: T019**

3. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director of any authorized representative of the Director for review during normal business hours.

**D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

**E. Testing Requirements**

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

- a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month,  tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total  tons of emissions
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**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

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**PTI A**

**Issued: 1/16/2003**

Emissions Unit ID: **T019**

**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>
T020 - 99,120 gallon fixed roof storage tank. This storage tank was installed in 1954. The company ID is Tank 18191.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(D) and OAC rule 3745-21-09(L).
	OAC rule 3745-21-07(D)	Use of submerged fill when loading this emissions unit
	OAC rule 3745-21-09(L)	See II.A.2.a below.
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	See II.A.2.b below.
		VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.c below.

**2. Additional Terms and Conditions**

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**PTI Application: 13 03048**

**Issued**

**Facility ID: 1318005897**

Emissions Unit ID: **T020**

- 2.a** This emissions unit is prohibited from storing any photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5), with a vapor pressure of 1.5 pounds per square inch absolute (psia) or greater under actual storage conditions. Should the permittee wish to store

any photochemically reactive material with a vapor pressure of 1.5 psia or greater at actual storage conditions in this emissions unit, modifications would need to be made to this storage tank to comply with OAC rule 3745-21-07(D).

- 2.b** This emissions unit is prohibited from storing any petroleum liquids, as defined in OAC rule 3745-21-01(E)(13), with a true vapor pressure greater than 1.52 pounds per square inch absolute (psia) under actual storage conditions. Should the permittee wish to store any petroleum liquids with a vapor pressure greater than 1.52 psia at actual storage conditions in this emissions unit, modifications would need to be made to this storage tank to comply with OAC rule 3745-21-09(L).
  
- 2.c** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

**B. Operational Restrictions**

- 1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
  
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06
1-	7 21.02	66.52
1-	8 24.02	70.99

1-	9	27.02	75.63
1-	10	30.03	80.46
1-	11	33.03	85.15
1-	12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

**C. Monitoring and/or Recordkeeping Requirements**

- 1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
- 2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

- d. The total VOC emissions, in tons, generated by all emissions units at this facility;
- e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month,  tons of emissions	+	Air emissions previous 11 months, 12-month,  tons of emissions	=	Air emissions total  tons of emissions
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3. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director of any authorized representative of the Director for review during normal business hours.

**D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

2. The permittee shall submit semi-annual deviation (excursion) reports which identify all periods when any photochemically reactive material with a vapor pressure of 1.5 psia or greater was stored. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.
3. The permittee shall submit semi-annual deviation (excursion) reports which identify all periods when any petroleum liquid material with a vapor pressure greater than 1.52 psia was stored. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

**E. Testing Requirements**

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

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**PTI A**

**Issued: 1/16/2003**

Emissions Unit ID: **T020**

a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
T021 - 154,728 gallon fixed roof storage tank. This storage tank was installed in 1954. The company ID is Tank 18192.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(D) and OAC rule 3745-21-09(L).
	OAC rule 3745-21-07(D)	Use of submerged fill when loading this emissions unit
	OAC rule 3745-21-09(L)	See II.A.2.a below.
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	See II.A.2.b below.
		VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.c below.

**2. Additional Terms and Conditions**

**Center Terminal Co. (frm Fleet Supplies)**

**PTI Application: 13 03048**

**Issued**

**Facility ID: 1318005897**

Emissions Unit ID: **T021**

- 2.a** This emissions unit is prohibited from storing any photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5), with a vapor pressure of 1.5 pounds per square inch absolute (psia) or greater under actual storage conditions. Should the permittee wish to store

any photochemically reactive material with a vapor pressure of 1.5 psia or greater at actual storage conditions in this emissions unit, modifications would need to be made to this storage tank to comply with OAC rule 3745-21-07(D).

- 2.b** This emissions unit is prohibited from storing any petroleum liquids, as defined in OAC rule 3745-21-01(E)(13), with a true vapor pressure greater than 1.52 pounds per square inch absolute (psia) under actual storage conditions. Should the permittee wish to store any petroleum liquids with a vapor pressure greater than 1.52 psia at actual storage conditions in this emissions unit, modifications would need to be made to this storage tank to comply with OAC rule 3745-21-09(L).
- 2.c** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

## B. Operational Restrictions

1.
  - a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
  - b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06
1-	7 21.02	66.52
1-	8 24.02	70.99

1-	9	27.02	75.63
1-	10	30.03	80.46
1-	11	33.03	85.15
1-	12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

**C. Monitoring and/or Recordkeeping Requirements**

- 1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
- 2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

- d. The total VOC emissions, in tons, generated by all emissions units at this facility;
- e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Emissions Unit ID: T021

Air emissions current month,  tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total  tons of emissions
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3. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director of any authorized representative of the Director for review during normal business hours.

**D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

2. The permittee shall submit semi-annual deviation (excursion) reports which identify all periods when any photochemically reactive material with a vapor pressure of 1.5 psia or greater was stored. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.
3. The permittee shall submit semi-annual deviation (excursion) reports which identify all periods when any petroleum liquid material with a vapor pressure greater than 1.52 psia was stored. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

**E. Testing Requirements**

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

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**PTI A**

**Issued: 1/16/2003**

Emissions Unit ID: **T021**

a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
T022 - 222,474 gallon fixed roof storage tank. This storage tank was installed in 1954. The company ID is Tank 18193.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(D) and OAC rule 3745-21-09(L).
		Use of submerged fill when loading this emissions unit
	OAC rule 3745-21-07(D)	See II.A.2.a below.
	OAC rule 3745-21-09(L)	See II.A.2.b below.
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;  91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;  See II.A.2.c below.

**2. Additional Terms and Conditions**

- 2.a This emissions unit is prohibited from storing any photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5), with a vapor pressure of 1.5 pounds per square

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Issued: 1/16/2003

Emissions Unit ID: **T022**

inch absolute (psia) or greater under actual storage conditions. Should the permittee wish to store

any photochemically reactive material with a vapor pressure of 1.5 psia or greater at actual storage conditions in this emissions unit, modifications would need to be made to this storage tank to comply with OAC rule 3745-21-07(D).

- 2.b** This emissions unit is prohibited from storing any petroleum liquids, as defined in OAC rule 3745-21-01(E)(13), with a true vapor pressure greater than 1.52 pounds per square inch absolute (psia) under actual storage conditions. Should the permittee wish to store any petroleum liquids with a vapor pressure greater than 1.52 psia at actual storage conditions in this emissions unit, modifications would need to be made to this storage tank to comply with OAC rule 3745-21-09(L).
  
- 2.c** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

**B. Operational Restrictions**

- 1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
  
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06
1-	7 21.02	66.52
1-	8 24.02	70.99

1-	9	27.02	75.63
1-	10	30.03	80.46
1-	11	33.03	85.15
1-	12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

### C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:
 

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions
  - d. The total VOC emissions, in tons, generated by all emissions units at this facility;
  - e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Center Terminal Co. (frm Fleet Supplies)

PTI Application: 12-03048

Issued

Facility ID: 1318005897

Emissions Unit ID: T022

Air emissions current month,  tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total  tons of emissions
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- All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director of any authorized representative of the Director for review during normal business hours.

#### D. Reporting Requirements

- The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

- The permittee shall submit semi-annual deviation (excursion) reports which identify all periods when any photochemically reactive material with a vapor pressure of 1.5 psia or greater was stored. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.
- The permittee shall submit semi-annual deviation (excursion) reports which identify all periods when any petroleum liquid material with a vapor pressure greater than 1.52 psia was stored. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

#### E. Testing Requirements

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

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**PTI A**

**Issued: 1/16/2003**

Emissions Unit ID: **T022**

a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
T023 - 222,474 gallon fixed roof storage tank. This storage tank was installed in 1954. The company ID is Tank 18194.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(D) and OAC rule 3745-21-09(L).
		Use of submerged fill when loading this emissions unit
	OAC rule 3745-21-07(D)	See II.A.2.a below.
	OAC rule 3745-21-09(L)	See II.A.2.b below.
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;  91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;  See II.A.2.c below.

**2. Additional Terms and Conditions**

- 2.a This emissions unit is prohibited from storing any photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5), with a vapor pressure of 1.5 pounds per square

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PTI A

Issued: 1/16/2003

Emissions Unit ID: **T023**

inch absolute (psia) or greater under actual storage conditions. Should the permittee wish to store

any photochemically reactive material with a vapor pressure of 1.5 psia or greater at actual storage conditions in this emissions unit, modifications would need to be made to this storage tank to comply with OAC rule 3745-21-07(D).

- 2.b** This emissions unit is prohibited from storing any petroleum liquids, as defined in OAC rule 3745-21-01(E)(13), with a true vapor pressure greater than 1.52 pounds per square inch absolute (psia) under actual storage conditions. Should the permittee wish to store any petroleum liquids with a vapor pressure greater than 1.52 psia at actual storage conditions in this emissions unit, modifications would need to be made to this storage tank to comply with OAC rule 3745-21-09(L).
  
- 2.c** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

**B. Operational Restrictions**

- 1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
  
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06
1-	7 21.02	66.52
1-	8 24.02	70.99

1-	9	27.02	75.63
1-	10	30.03	80.46
1-	11	33.03	85.15
1-	12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

**C. Monitoring and/or Recordkeeping Requirements**

- 1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
- 2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:
 

Air emissions		+	Air emissions		=	Air emissions
current month,			previous 11 months,			total
			12-month,			
tons of emissions			tons of emissions			tons of emissions
  - d. The total VOC emissions, in tons, generated by all emissions units at this facility;
  - e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month,  tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total  tons of emissions
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3. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director of any authorized representative of the Director for review during normal business hours.

#### **D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

2. The permittee shall submit semi-annual deviation (excursion) reports which identify all periods when any photochemically reactive material with a vapor pressure of 1.5 psia or greater was stored. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.
3. The permittee shall submit semi-annual deviation (excursion) reports which identify all periods when any petroleum liquid material with a vapor pressure greater than 1.52 psia was stored. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

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

**Center Terminal Co. (frm Fleet Supplies)**

**PTI Application: 13 03048**

**Issued**

**Facility ID: 1318005897**

**Emissions Unit ID: T023**

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

a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
T024 - 499,800 gallon fixed roof storage tank. This storage tank was installed in 1954. The company ID is Tank 18195.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(D) and OAC rule 3745-21-09(L).
	OAC rule 3745-21-07(D)	Use of submerged fill when loading this emissions unit
	OAC rule 3745-21-09(L)	See II.A.2.a below.
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	See II.A.2.b below.
		VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.c below.

**2. Additional Terms and Conditions**

- 2.a** This emissions unit is prohibited from storing any photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5), with a vapor pressure of 1.5 pounds per square inch absolute (psia) or greater under actual storage conditions. Should the permittee wish to store

any photochemically reactive material with a vapor pressure of 1.5 psia or greater at actual storage conditions in this emissions unit, modifications would need to be made to this storage tank to comply with OAC rule 3745-21-07(D).

- 2.b** This emissions unit is prohibited from storing any petroleum liquids, as defined in OAC rule 3745-21-01(E)(13), with a true vapor pressure greater than 1.52 pounds per square inch absolute (psia) under actual storage conditions. Should the permittee wish to store any petroleum liquids with a vapor pressure greater than 1.52 psia at actual storage conditions in this emissions unit, modifications would need to be made to this storage tank to comply with OAC rule 3745-21-09(L).
  
- 2.c** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

**B. Operational Restrictions**

- 1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
  
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06
1-	7 21.02	66.52
1-	8 24.02	70.99

1-	9	27.02	75.63
1-	10	30.03	80.46
1-	11	33.03	85.15
1-	12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

**C. Monitoring and/or Recordkeeping Requirements**

- 1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
- 2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:
 

Air emissions		+	Air emissions		=	Air emissions
current month,			previous 11 months,			total
			12-month,			
tons of emissions			tons of emissions			tons of emissions
  - d. The total VOC emissions, in tons, generated by all emissions units at this facility;
  - e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:
 

Air emissions		+	Air emissions		=	Air emissions
current month,			previous 11 months,			total

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PTI A

Issued: 1/16/2003

Emissions Unit ID: **T024**

tons of emissions

12-month,  
tons of emissions

tons of emissions

3. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

#### **D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

2. The permittee shall submit semi-annual deviation (excursion) reports which identify all periods when any photochemically reactive material with a vapor pressure of 1.5 psia or greater was stored. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.
3. The permittee shall submit semi-annual deviation (excursion) reports which identify all periods when any petroleum liquid material with a vapor pressure greater than 1.52 psia was stored. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

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

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

Center Terminal Co. (frm Fleet Supplies)

Facility ID: 1318005897

PTI Application: 13-03048

Issued

Emissions Unit ID: T024

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month,  tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total  tons of emissions
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**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
T025 - 430,626 gallon fixed roof storage tank. This storage tank was installed in 1954. The company ID is Tank 18214.	OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-21-07(D) and OAC rule 3745-21-09(L).
	OAC rule 3745-21-07(D)	Use of submerged fill when loading this emissions unit
	OAC rule 3745-21-09(L)	See II.A.2.a and II.A.2.b below.
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;  91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;  See II.A.2.c below.

**2. Additional Terms and Conditions**

- 2.a This emissions unit is prohibited from storing any photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5), with a vapor pressure of 1.5 pounds per square

inch absolute (psia) or greater under actual storage conditions. Should the permittee wish to store any photochemically reactive material with a vapor pressure of 1.5 psia or greater at actual storage conditions in this emissions unit, modifications would need to be made to this storage tank to comply with OAC rule 3745-21-07(D).

- 2.b** This emissions unit is prohibited from storing any petroleum liquids, as defined in OAC rule 3745-21-01(E)(13), with a true vapor pressure greater than 1.52 pounds per square inch absolute (psia) under actual storage conditions. Should the permittee wish to store any petroleum liquids with a vapor pressure greater than 1.52 psia at actual storage conditions in this emissions unit, modifications would need to be made to this storage tank to comply with OAC rule 3745-21-09(L).
- 2.c** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

**B. Operational Restrictions**

- 1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06
1-	7 21.02	66.52

1-	8	24.02	70.99
1-	9	27.02	75.63
1-	10	30.03	80.46
1-	11	33.03	85.15
1-	12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

**C. Monitoring and/or Recordkeeping Requirements**

- 1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in psia), as stored, of each liquid that has a maximum true vapor pressure of 1.5 psia or greater.
- 2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

- d. The total VOC emissions, in tons, generated by all emissions units at this facility;
- e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions	Air emissions	Air emissions
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#### **D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

2. The permittee shall submit semi-annual deviation (excursion) reports which identify all periods when any photochemically reactive material with a vapor pressure of 1.5 psia or greater was stored. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.
3. The permittee shall submit semi-annual deviation (excursion) reports which identify all periods when any petroleum liquid material with a vapor pressure greater than 1.52 psia was stored. These semi-annual reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

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

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

- a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

Center Terminal Co. (frm Fleet Supplies)

PTI Application: 13-03048

Issued

Facility ID: 1318005897

Emissions Unit ID: T025

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

#### F. Miscellaneous Requirements

1. The following terms and conditions of this PTI are federally enforceable: A-F.

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

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

- 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>
T034 - 17,010 gallon fixed roof storage tank. This storage tank was modified per September 15, 1993 permit to install. The company ID is Tank 25414.	OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-21-09(L).
	OAC rule 3745-21-09(L)	Use of submerged fill when loading this emissions unit
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	See II.A.2.a below.
		VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.b and II.A.2.c below.
	40 CFR 60 Subpart Kb	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-35-07(B).

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**Center**

**PTI A**

**Issued: 1/16/2003**

Emissions Unit ID: **T034**

**2. Additional Terms and Conditions**

- 2.a** In accordance with OAC rule 3745-21-09(L), this storage tank is exempt from the requirements of OAC rule 3745-21-09(L)(1) because the tank has a capacity less than 40,000 gallons.
- 2.b** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.
- 2.c** The terms and conditions of this permit supercede the terms and conditions contained in PTI #13-2697 for this emissions unit.

**B. Operational Restrictions**

- 1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06
1-	7 21.02	66.52
1-	8 24.02	70.99
1-	9 27.02	75.63
1-	10 30.03	80.46

1-	11	33.03	85.15
1-	12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

**C. Monitoring and/or Recordkeeping Requirements**

- 1. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:

- a. The amount of throughput, in gallons;
- b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
- c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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- d. The total VOC emissions, in tons, generated by all emissions units at this facility;
- e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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- 2. 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 60.116(a) and (b), the owner and operator of the following storage vessel(s) shall keep readily accessible records showing the dimension of each storage vessel and an analysis showing the capacity of each storage vessel for the life of each emissions unit.

Source Number:	Tank Size:
T034	17,000 gallons

3. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

#### **D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

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

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

- a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this

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**Center Terminal Co. (frm Fleet Supplies)**

**PTI Application: 12 03048**

**Issued**

**Facility ID: 1318005897**

**Emissions Unit ID: T034**

facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA’s TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month,  tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total  tons of emissions
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**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

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

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

- 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>
T035 - 17,010 gallon fixed roof storage tank. This storage tank was modified per September 15, 1993 permit to install. The company ID is Tank 25415.	OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-21-09(L).
	OAC rule 3745-21-09(L)	Use of submerged fill when loading this emissions unit
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	See II.A.2.a below.
		VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.b and II.A.2.c below.
	40 CFR 60 Subpart Kb	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-35-07(B).

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**Center**

**PTI A**

**Issued: 1/16/2003**

Emissions Unit ID: **T035**

## 2. Additional Terms and Conditions

- 2.a** In accordance with OAC rule 3745-21-09(L), 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.
- 2.b** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.
- 2.c** The terms and conditions of this permit supercede the terms and conditions contained in PTI #13-2697 for this emissions unit.

## B. Operational Restrictions

1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06
1-	7 21.02	66.52
1-	8 24.02	70.99
1-	9 27.02	75.63
1-	10 30.03	80.46

Center Terminal Co. (frm Fleet Supplies)

Facility ID: 1318005897

PTI Application: 13-03048

Issued

Emissions Unit ID: T035

1-	11	33.03	85.15
1-	12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

**C. Monitoring and/or Recordkeeping Requirements**

- 1. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:

- a. The amount of throughput, in gallons;
- b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
- c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

- d. The total VOC emissions, in tons, generated by all emissions units at this facility;
- e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

- 2. 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 60.116(a) and (b), the owner and operator of the following storage vessel(s) shall keep readily accessible records showing the dimension of each storage vessel and an analysis showing the capacity of each storage vessel for the life of each emissions unit.

Source Number:

Tank Size:

T035

17,0000 gallons

3. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

#### **D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

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

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

- a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this

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**Center Terminal Co. (frm Fleet Supplies)**

**PTI Application: 12 03048**

**Issued**

**Facility ID: 1318005897**

**Emissions Unit ID: T035**

facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA’s TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month,  tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total  tons of emissions
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**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

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

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

- 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>
T036 - 17,010 gallon fixed roof storage tank. This storage tank was modified per September 15, 1993 permit to install. The company ID is Tank 25416.	OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-21-09(L).
	OAC rule 3745-21-09(L)	Use of submerged fill when loading this emissions unit
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	See II.A.2.a below.
		VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.b and II.A.2.c below.
	40 CFR 60 Subpart Kb	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-35-07(B).

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**Center**

**PTI A**

**Issued: 1/16/2003**

Emissions Unit ID: **T036**

## 2. Additional Terms and Conditions

- 2.a** In accordance with OAC rule 3745-21-09(L), 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.
- 2.b** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.
- 2.c** The terms and conditions of this permit supercede the terms and conditions contained in PTI #13-2336 for this emissions unit.

## B. Operational Restrictions

1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1- 2	6.01	26.91
1- 3	9.01	40.48
1- 4	12.01	53.01
1- 5	15.01	57.60
1- 6	18.02	62.06
1- 7	21.02	66.52
1- 8	24.02	70.99
1- 9	27.02	75.63
1- 10	30.03	80.46

Center Terminal Co. (frm Fleet Supplies)

Facility ID: 1318005897

PTI Application: 13-03048

Issued

Emissions Unit ID: T036

1-	11	33.03	85.15
1-	12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

**C. Monitoring and/or Recordkeeping Requirements**

- 1. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:

- a. The amount of throughput, in gallons;
- b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
- c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

- d. The total VOC emissions, in tons, generated by all emissions units at this facility;
- e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

- 2. 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 60.116(a) and (b), the owner and operator of the following storage vessel(s) shall keep readily accessible records showing the dimension of each storage vessel and an analysis showing the capacity of each storage vessel for the life of each emissions unit.

Source Number:

Tank Size:

T036

17,000 gallons

3. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

#### **D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

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

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

- a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this

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**Center**

**PTI A**

**Issued: 1/16/2003**

Emissions Unit ID: **T036**

facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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#### F. Miscellaneous Requirements

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
T037 - 17,010 gallon fixed roof storage tank. This storage tank was modified per September 15, 1993 permit to install modification. The company ID is Tank 25417.	OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-21-09(L).
		Use of submerged fill when loading this emissions unit
	OAC rule 3745-21-09(L)	See II.A.2.a below.
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.b and II.A.2.c below.
	40 CFR 60 Subpart Kb	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-35-07(B).

## 2. Additional Terms and Conditions

- 2.a** In accordance with OAC rule 3745-21-09(L), 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.
- 2.b** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.
- 2.c** The terms and conditions of this permit supercede the terms and conditions contained in PTI #13-2336 for this emissions unit.

## B. Operational Restrictions

1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06
1-	7 21.02	66.52
1-	8 24.02	70.99
1-	9 27.02	75.63
1-	10 30.03	80.46

Center Terminal Co. (frm Fleet Supplies)

Facility ID: 1318005897

PTI Application: 13-03048

Issued

Emissions Unit ID: T037

1-	11	33.03	85.15
1-	12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

**C. Monitoring and/or Recordkeeping Requirements**

- 1. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:

- a. The amount of throughput, in gallons;
- b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
- c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

- d. The total VOC emissions, in tons, generated by all emissions units at this facility;
- e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

- 2. 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.

Center Terminal Co. (frm Fleet Supplies)

PTI Application: 13-03048

Issued

Facility ID: 1318005897

Emissions Unit ID: T037

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

Source Number:

Tank Size:

T037

17,000 gallons

3. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

#### **D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

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

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

- a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

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**Center**

**PTI A**

**Issued: 1/16/2003**

Emissions Unit ID: **T037**

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
T038 - 17,010 gallon fixed roof storage tank. This storage tank was installed in 1954. The company ID is tank 25418.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(L).
	OAC rule 3745-21-09(L)	Use of submerged fill when loading this emissions unit  See II.A.2.a below.
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;  91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;  See II.A.2.b below.

**2. Additional Terms and Conditions**

- 2.a In accordance with OAC rule 3745-21-09(L), 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.
- 2.b Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015,

T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

## B. Operational Restrictions

1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06
1-	7 21.02	66.52
1-	8 24.02	70.99
1-	9 27.02	75.63
1-	10 30.03	80.46
1-	11 33.03	85.15
1-	12 36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

## C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain the following monthly emission information for this emissions unit

and all other storage tanks:

- a. The amount of throughput, in gallons;
- b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
- c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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- d. The total VOC emissions, in tons, generated by all emissions units at this facility;
- e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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2. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

#### **D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

**Center Terminal Co. (frm Fleet Supplies)**

**PTI Application: 13 03048**

**Issued**

**Facility ID: 1318005897**

**Emissions Unit ID: T038**

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

### E. Testing Requirements

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

- a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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### F. Miscellaneous Requirements

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
T039 - 17,010 gallon fixed roof storage tank. This storage tank was installed in 1954. The company ID is tank 25419.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(L).
	OAC rule 3745-21-09(L)	Use of submerged fill when loading this emissions unit
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	See II.A.2.a below.
		VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.b below.

**2. Additional Terms and Conditions**

- 2.a In accordance with OAC rule 3745-21-09(L), 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.

Center Terminal Co. (frm Fleet Supplies)

PTI Application: 13-03049

Issued

Facility ID: 1318005897

Emissions Unit ID: T039

- 2.b** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

## B. Operational Restrictions

1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1- 2	6.01	26.91
1- 3	9.01	40.48
1- 4	12.01	53.01
1- 5	15.01	57.60
1- 6	18.02	62.06
1- 7	21.02	66.52
1- 8	24.02	70.99
1- 9	27.02	75.63
1- 10	30.03	80.46
1- 11	33.03	85.15
1- 12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

## C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain the following monthly emission information for this emissions unit

and all other storage tanks:

- a. The amount of throughput, in gallons;
- b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
- c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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- d. The total VOC emissions, in tons, generated by all emissions units at this facility;
- e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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2. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

#### D. Reporting Requirements

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

**Center Terminal Co. (frm Fleet Supplies)**

**PTI Application: 13 03048**

**Issued**

**Facility ID: 1318005897**

**Emissions Unit ID: T039**

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

### E. Testing Requirements

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

- a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month, tons of emissions	+	Air emissions previous 11 months, 12-month, tons of emissions	=	Air emissions total tons of emissions
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### F. Miscellaneous Requirements

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
T054 - 21,000 gallon horizontal cylindrical storage tank. This storage tank was installed in 1985. The company ID is 18196.	OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-21-09(L).
	40 CFR 60 Subpart Kb	Use of submerged fill when loading this emissions unit
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	See II.A.2.a below.
		VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.b below.

**2. Additional Terms and Conditions**

- 2.a This emissions unit is prohibited from storing any volatile organic liquid, as defined in 40 CFR 60.111b, with a maximum true vapor pressure equal to or greater than 27.6 kPa (4.00 pounds per square inch (psia)). Should the permittee wish to store any volatile

organic liquid with a maximum true vapor pressure equal to or greater than 27.6 kPa (4.00 psia) in this emissions unit, modifications would need to be made to this storage tank to comply with 40 CFR 60 Subpart Kb.

- 2.b** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

## B. Operational Restrictions

1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1-	2 6.01	26.91
1-	3 9.01	40.48
1-	4 12.01	53.01
1-	5 15.01	57.60
1-	6 18.02	62.06
1-	7 21.02	66.52
1-	8 24.02	70.99
1-	9 27.02	75.63
1-	10 30.03	80.46
1-	11 33.03	85.15
1-	12 36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month

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**Center Terminal Co. (frm Fleet Supplies)**

**PTI Application: 12 03048**

**Issued**

**Facility ID: 1318005897**

**Emissions Unit ID: T054**

summations of the monthly emission rate in tons.

### C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in kPa and psia), as stored, of each liquid that has a maximum true vapor pressure of 27.6 kPa (4.00 psia) or greater.
  
2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:
 

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions
  - d. The total VOC emissions, in tons, generated by all emissions units at this facility;
  - e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:
 

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions
  
3. 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.

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Issued: 1/16/2003

Emissions Unit ID: **T054**

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

Source Number:                      Tank Size:  
  
T054                                      21,000 gallons

4. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director of any authorized representative of the Director for review during normal business hours.

#### **D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

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

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

- a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

Center Terminal Co. (frm Fleet Supplies)

Facility ID: 1318005897

PTI Application: 13-03048

Issued

Emissions Unit ID: T054

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

#### F. Miscellaneous Requirements

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
T055 - 21,000 gallon horizontal cylindrical storage tank. This storage tank was installed in 1985. The company ID is Tank 4001.	OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-21-09(L).
	40 CFR 60 Subpart Kb	Use of submerged fill when loading this emissions unit  See II.A.2.a below.
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;  See II.A.2.b below.

**2. Additional Terms and Conditions**

- 2.a This emissions unit is prohibited from storing any volatile organic liquid, as defined in 40 CFR 60.111b, with a maximum true vapor pressure equal to or greater than 27.6 kPa (4.00 pounds per square inch (psia)). Should the permittee wish to store any volatile

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Issued: 1/16/2003

Emissions Unit ID: T055

organic liquid with a maximum true vapor pressure equal to or greater than 27.6 kPa (4.00 psia) in this emissions unit, modifications would need to be made to this storage tank to comply with 40 CFR 60 Subpart Kb.

- 2.b** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

## B. Operational Restrictions

1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1- 2	6.01	26.91
1- 3	9.01	40.48
1- 4	12.01	53.01
1- 5	15.01	57.60
1- 6	18.02	62.06
1- 7	21.02	66.52
1- 8	24.02	70.99
1- 9	27.02	75.63
1- 10	30.03	80.46
1- 11	33.03	85.15
1- 12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in kPa and psia), as stored, of each liquid that has a maximum true vapor pressure of 27.6 kPa (4.00 psia) or greater.
  
2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:
 

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions
  - d. The total VOC emissions, in tons, generated by all emissions units at this facility;
  - e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:
 

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions
  
3. 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 60.116(a) and (b), the owner and operator of the following storage

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Issued: 1/16/2003

Emissions Unit ID: T055

vessel(s) shall keep readily accessible records showing the dimension of each storage vessel and an analysis showing the capacity of each storage vessel for the life of each emissions unit.

Source Number: T055                      Tank Size: 21,000 gallons

4. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director of any authorized representative of the Director for review during normal business hours.

#### **D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

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

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

- a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

Center Terminal Co. (frm Fleet Supplies)

Facility ID: 1318005897

PTI Application: 13-03048

Issued

Emissions Unit ID: T055

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

**F. Miscellaneous Requirements**

1. The following terms and conditions of this PTI are federally enforceable: A-F.

**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>
T056 - 21,000 gallon horizontal cylindrical storage tank. This storage tank was installed in 1985. The company ID is Tank 4002.	OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-21-09(L).
	40 CFR 60 Subpart Kb	Use of submerged fill when loading this emissions unit
	OAC rule 3745-35-07(B) Synthetic minor to avoid Title V permit	See II.A.2.a below.
		VOC emissions from storage tanks identified in this permit shall not exceed 36.03 tons per year as a rolling, 12-month summation;
		91.16 tons VOC per year as a rolling, 12-month summation for all emissions units at this facility;
		See II.A.2.b below.

**2. Additional Terms and Conditions**

- 2.a This emissions unit is prohibited from storing any volatile organic liquid, as defined in 40 CFR 60.111b, with a maximum true vapor pressure equal to or greater than 27.6 kPa (4.00 pounds per square inch (psia)). Should the permittee wish to store any volatile

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Issued: 1/16/2003

Emissions Unit ID: **T056**

organic liquid with a maximum true vapor pressure equal to or greater than 27.6 kPa (4.00 psia) in this emissions unit, modifications would need to be made to this storage tank to comply with 40 CFR 60 Subpart Kb.

- 2.b** Storage tanks identified in this permit as emissions unit numbers T012, T013, T014, T015, T016, T017, T018, T019, T020, T021, T022, T023, T024, T025, T034, T035, T036, T037, T038, T039, T054, T055 and T056 are inherently restricted by the throughput, in gallons, of the material processed by emissions units J002, J003 and P002. Emissions units J002, J003 and P002 have federally enforceable permit restrictions to limit the amount of material processed on a rolling, 12-month basis.

## B. Operational Restrictions

1. a. The permittee shall document the monthly emissions by tracking the monthly VOC emission factors, volume throughputs and emission rates to calculate monthly actual VOC emissions generated by the storage tanks identified in this permit and by the facility.
- b. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month	Maximum Allowable VOC Emissions for Permitted Tanks (Tons)	Cumulative Emissions of: Facility VOC Emissions (Tons)
1	3.00	13.75
1- 2	6.01	26.91
1- 3	9.01	40.48
1- 4	12.01	53.01
1- 5	15.01	57.60
1- 6	18.02	62.06
1- 7	21.02	66.52
1- 8	24.02	70.99
1- 9	27.02	75.63
1- 10	30.03	80.46
1- 11	33.03	85.15
1- 12	36.03	91.16

- c. After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission rate in tons shall be based upon the rolling, 12-month summations of the monthly emission rate in tons.

Center Terminal Co. (frm Fleet Supplies)

PTI Application: 13-03048

Issued

Facility ID: 1318005897

Emissions Unit ID: T056

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain records of the following information when this emissions unit is in operation:
  - a. The type of petroleum liquids and/or VOC materials stored in the tank; and
  - b. The maximum true vapor pressure (in kPa and psia), as stored, of each liquid that has a maximum true vapor pressure of 27.6 kPa (4.00 psia) or greater.
  
2. The permittee shall maintain the following monthly emission information for this emissions unit and all other storage tanks:
  - a. The amount of throughput, in gallons;
  - b. The total VOC emissions, in tons, generated by storage tanks identified in this permit;
  - c. The rolling, 12-month summations of VOC emissions, in tons, generated by storage tanks identified in this permit:
 

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions
  - d. The total VOC emissions, in tons, generated by all emissions units at this facility.
  - e. The rolling, 12-month summation of VOC emissions, in tons, generated by storage tanks identified in this permit and by all the emissions units at this facility after the first 12 calendar months of operation following the issuance of this permit:
 

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions
  
3. 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 60.116(a) and (b), the owner and operator of the following storage vessel(s) shall keep readily accessible records showing the dimension of each storage vessel and an analysis showing the capacity of each storage vessel for the life of each emissions unit.

Source Number:

Tank Size:

T056

21,000 gallons

4. All records including any supporting information, analyses and computations required by this permit to install shall be retained on file (on site) for a period of not less than five years unless otherwise indicated by the Ohio Environmental Protection Agency. All records shall be made available to the Director of any authorized representative of the Director for review during normal business hours.

#### **D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission restrictions for VOC emissions generated by the storage tanks identified in this permit and VOC emissions generated by all emissions units at this facility. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

If no deviations (excursions) have occurred, the permittee shall submit a semi-annual report which states that no deviations (excursions) have occurred during the previous 6-month period. These reports shall be submitted by January 31 and July 31 of each year to the Cleveland Division of Air Quality and shall address the data obtained during the previous 6-month calendar period.

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

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

- a. Emission Limitation:

36.03 tons VOC per year as a rolling, 12-month summation for storage tanks identified in this permit

91.16 tons VOC per year as a rolling, 12-month summations for all emissions units at this facility

Applicable Compliance Method:

Center Terminal Co. (frm Fleet Supplies)

Facility ID: 1318005897

PTI Application: 13 03048

Issued

Emissions Unit ID: T056

To calculate VOC emissions for the purpose of determining compliance with the applicable emission limitations in Section II.A.1, the permittee shall comply with the following:

VOC emissions from the storage tanks shall be determined using the latest version of the USEPA's TANKS or USEPA reference document AP-42, Fifth Edition or the most recent edition of AP-42, Compilation of Air Pollution Emission Factors, Section 7.1, Organic Liquid Storage Tanks (9/97). Divide the emission rate from TANKS, in pounds, by 2000 lbs/ton to convert to tons. Compliance with the rolling, 12-month limitation shall be done in accordance with the recordkeeping from Section II.C.2.

Air emissions current month,	+	Air emissions previous 11 months, 12-month,	=	Air emissions total
tons of emissions		tons of emissions		tons of emissions

#### F. Miscellaneous Requirements

1. The following terms and conditions of this PTI are federally enforceable: A-F.