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Facility Name: **ERGON Trucking Inc - Marietta**

Application Number: **06-5586**

Date: **October 6, 1999**

GENERAL PERMIT CONDITIONS

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within 18 months of the effective date of this permit. 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.

NOTICE OF INSPECTION

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCES

The proposed source(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

If the construction of the proposed source(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 Ohio Administrative Code (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

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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 applicable standards.

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 days of the effective date of this permit to install.

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.

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APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

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.

PERMIT TO OPERATE APPLICATION

A Permit to Operate application must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be filed no later than thirty days after commencement of operation.

SOURCE OPERATION 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 and regulations.

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
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AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Facility Name** located in **Location of** County. The emissions units listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

J001

Ohio EPA Source <u>Number</u>	T002 Cont'd
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Source Identification <u>Description</u>
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T001

T003

55,000 bbl
Storage Tank
(Crude Oil)

20,305 gal.
Storage Tank
(Diesel Fuel)

T002

55,000 bbl
Storage Tank
(Crude Oil)

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
Barge Loading		Submerge fill		3745-31-05
	<u>BAT Determination</u>		<u>Applicable Federal & OAC Rules</u>	
	Internal floating roof		3745-31-05	3745-21-09 (L)
			3745-21-09 (L)	
				40 CFR 60 Subpart Kb
		Top load fully submerge fill	40 CFR 60 Subpart Kb	3745-31-05
	Internal floating roof		3745-31-05	
				3745-21-09 (L)
				40 CFR 60 Subpart Kb

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
Permit Allowable Mass Emissions and/or Control/Usage Requirements	0.88 ton of VOC emissions per year See A.2 in Additional Special Terms and Conditions T002	VOC emissions per year Barge loading shall be by top load fully submerge fill only.		
0.88 ton of VOC emissions per year See A.2 in Additional Special Terms and Conditions T001 Recordkeeping per general terms and conditions	Recordkeeping per general terms and conditions 0.01 ton of VOC emissions per year Storage tank shall be equipped with submerge fill Exempt A.2 in Additional Special Terms and Conditions T003 Recordkeeping per general terms and conditions 27.85 tons of			

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
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SUMMARY
 TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
VOC	29.61

NSPS REQUIREMENTS

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

<u>Source Number</u>	<u>Source Description</u>	<u>NSPS Regulation (Subpart)</u>
T001	55,000 bbl Storage Tank	Kb
T002	55,000 bbl Storage Tank	Kb
T003	20,305 gal. Storage Tank	Kb

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

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

- a. construction date (no later than 30 days after such date);
- b. anticipated start-up date (not more than 60 days or less than 30 days prior to such date);
- c. actual start-up date (within 15 days after such date); and
- d. date of performance testing (If required, at least 30 days prior to testing).

Reports are to be sent to:

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

and **Ohio EPA, Southeast District Office**
2195 Front Street
Logan, OH 43138

RECORD(S) RETENTION AND AVAILABILITY

All records required by this Permit to Install shall be retained on file for a period of not less than three years unless otherwise indicated by Ohio Environmental Protection Agency. All records shall be made available to the Director, or any representative of the Director, for review during normal business hours.

REPORTING REQUIREMENTS

Unless otherwise specified, reports required by the Permit to Install need only be submitted to **Ohio EPA, Southeast District Office, 2195 Front Street, Logan, OH 43138.**

WASTE DISPOSAL

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.

MAINTENANCE OF EQUIPMENT

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

MALFUNCTION/ABATEMENT

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In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the **Ohio EPA, Southeast District Office, 2195 Front Street, Logan, OH 43138.**

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

AIR POLLUTION NUISANCES PROHIBITED

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

DIESEL AND/OR KEROSENE DISPENSING FACILITIES

BAT for any diesel and/or kerosene dispensing operation identified within this permit consists of the transfer of diesel and/or kerosene from a delivery vessel to a stationary storage tank through the use of submerged filling into the storage tank. The submerged fill pipe(s) are to be installed so they are within six (6) inches of the bottom of the storage tank.

NEW SOURCE PERFORMANCE STANDARD SUBPART Kb

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

In accordance with 40 CFR 60.116b(a) and (b), the owner and operator of the 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 source.

<u>Source Number(s)</u>	<u>Tank Size</u>
T001	55,000 bbl Storage Tank
T002	55,000 bbl Storage Tank
T003	20,305 gal. Storage Tank

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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.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

T001

A. Special Terms and Conditions

1. The fixed roof storage tank shall be equipped with an internal floating roof.
 - a. The automatic bleeder vents 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.
 - 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.

B. Operational Restrictions

None.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records of the following information:
 - a. The types of petroleum liquids stored in the tank.
 - b. The maximum true vapor pressure (in pounds per

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square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.

D. Reporting Requirements

None.

E. Testing Requirements

1. Compliance with the emission limitation of 0.88 tons of VOC per year shall be determined by using Tanks Program 3.0 emission calculations

F. Miscellaneous Requirements

None.

T002

A. Special Terms and Conditions

1. The fixed roof storage tank shall be equipped with an internal floating roof.
 - a. The automatic bleeder vents 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.
 - 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.

B. Operational Restrictions

None.

C. Monitoring and/or Record Keeping Requirements

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

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- a. The types of petroleum liquids stored in the tank.
- b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.

D. Reporting Requirements

None.

E. Testing Requirements

1. Compliance with the emission limitation of 0.88 ton of VOC per year shall be determined by using Tanks Program 3.0 emission calculations

F. Miscellaneous Requirements

None.

T003

A. Special Terms and Conditions

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

B. Operational Restrictions

None.

C. Monitoring and/or Record Keeping Requirements

None.

D. Reporting Requirements

None.

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E. Testing Requirements

1. Compliance with the emission limitation of 0.01 tons of VOC per year shall be determined by using Tanks Program 3.0 emission calculations

F. Miscellaneous Requirements

None.

J001

A. Special Terms and Conditions

None.

B. Operational Restrictions

1. Barge loading shall be by top load fully submerge fill only.

C. Monitoring and/or Record Keeping Requirements

None.

D. Reporting Requirements

None.

E. Testing Requirements

1. Compliance with the emission limitation of 27.85 tons of VOC per year shall be determined by using an emission factor of:

$$\frac{1.02 \text{ pounds VOC}}{27.85 \text{ TPY}} \times \frac{1.3 \times 10^6 \text{ Bbl}}{1,000 \text{ gallon year}} \times 42 \text{ gal} \times \frac{\text{Ton}}{2000 \text{ lb}} =$$

- a. The emission factor of 1.02 pounds of VOC per 1,000 gallon through-put of crude oil was determined by using emission factors from AP-42 page 5.2-9 (dated 1/95) and emission calculation in AP-42 5.2-9 (dated 1/95).

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F. Miscellaneous Requirements

None.