



State of Ohio Environmental Protection Agency

Street Address:

Mailing Address:

TELE: (614) 644-3020 FAX: (614) 644-2329

1/20/97

CERTIFIED MAIL

04-48-01-0387

RE: Final Chapter 3745-35 Permit To Operate

Delta Fuels, Inc.
Kevin Noward
1820 Front St.
Toledo, OH 43605

Dear Kevin Noward:

The enclosed Permit(s) to Operate allow you to operate the described emissions unit(s) in the manner indicated in the Permit(s). Because each permit contains several terms and conditions, I urge you to read them 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 of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 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 with the Environmental Review Appeals Commission within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

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

If you have any questions, please contact the Toledo Environmental Control at (419) 936-3015.

Very truly yours,

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

Toledo Environmental Control
Jim Orlemann, DAPC Engineering
Becky Castle, DAPC PMU



PERMIT TO OPERATE AN EMISSIONS UNIT

Effective Date: 11/20/97

Facility ID: 04-48-01-0387

Expiration Date: 11/20/00

FINAL ISSUE

This document constitutes issuance for:

Delta Fuels, Inc.
1820 Front St.
Toledo, OH 43605

of a permit to operate for:

J001 (Loading Rack)
Transfer and storage of petroleum products

PART I General Terms & Conditions

1 Compliance Requirements

The above-described emissions unit is and shall remain in full compliance with all applicable State and federal laws and regulations and the terms and conditions of this permit.

2. Permit to Install Requirement

Prior to the "installation" or "modification" of any "air contaminant source," as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.

3. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

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.)

4. 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 three 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 the permit. Such records may be maintained in computerized form.

5. 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 and federal 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.

6. 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 unit 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 this emissions unit(s) that is (are) served by such control system(s).

7. Permit Transfers

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

8. 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.

9. Permit Renewal

Approximately six months prior to the expiration date of this permit, a notice regarding the renewal of this permit will be sent to the permittee's designated facility contact. If you are not contacted, please contact the appropriate Ohio EPA District Office or local air agency. It is the permittee's responsibility to renew this permit even if no notice of its expiration is received.

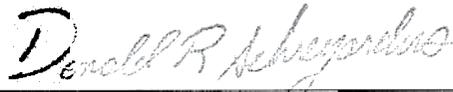
The following Ohio EPA District Office or local air agency has jurisdiction in the area in which the facility is located:

Toledo Environmental Control
26 Main Street
Toledo, OH 43605
(419) 936-3015

You will be contacted approximately six months prior to expiration date regarding the renewal of this permit. If you are not contacted, please contact the appropriate DO or LAA.

10. The permittee is also subject to the attached special terms and conditions.

OHIO ENVIRONMENTAL PROTECTION AGENCY

A handwritten signature in cursive script, reading "Donald R. Schepers". The signature is written in dark ink and is positioned above a horizontal line.

Director

Part II: Special Terms and Conditions

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
gasoline loading rack with carbon adsorber	OAC 3745-35-07	0.43 pound VOC per thousand gallons of gasoline loaded. 0.52 pound VOC per thousand gallons of ethanol loaded. 0.015 pound VOC per thousand gallons of distillate loaded. 36.4 tons VOC/year.

2. Additional Terms and Conditions

- 2.a The emissions of hazardous air pollutants (HAPs) from all emissions units at this facility, as identified in Section 112(b) of Title III of the Clean Air Act, shall not exceed 10 TPY for any single HAP and 25 TPY for any combination of HAPs.

B. Operational Restrictions

1. The annual throughputs of gasoline, ethanol and distillates shall not exceed 120,000,000 gallons, 40,000,000 gallons and 40,000,000 gallons, respectively. In order to ensure federal enforceability during the first twelve calendar months of operation after the issuance of this permit to operate (PTO), this emissions unit shall not exceed the following product throughput limitations:

Maximum Allowable Cumulative Throughput For:			
Month(s)	Gasoline(gallons)	Ethanol(gallons)	Distillates(gallons)
1	10,000,000	3,333,333	3,333,333
1-2	20,000,000	6,666,667	6,666,667
1-3	30,000,000	10,000,000	10,000,000
1-4	40,000,000	13,333,333	13,333,333
1-5	50,000,000	16,666,667	16,666,667
1-6	60,000,000	20,000,000	20,000,000
1-7	70,000,000	23,333,333	23,333,333
1-8	80,000,000	26,666,667	26,666,667
1-9	90,000,000	30,000,000	30,000,000
1-10	100,000,000	33,333,333	33,333,333
1-11	110,000,000	36,666,667	36,666,667
1-12	120,000,000	40,000,000	40,000,000

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual limitations shall be based upon rolling 12-month summations.

2. The carbon adsorber system shall be kept in good working order and shall be used at all times during the transfer of gasoline or distillates into gasoline tank trucks (as defined by 40 CFR 60.501). Transfer of gasoline or distillate into gasoline tank trucks without vapor controls is prohibited. Approval to load without vapor controls during malfunction or scheduled maintenance of the vapor recovery system will require prior approval of the Toledo Division of Environmental Services in accordance with OAC 3745-15-06, "Malfunction of equipment; scheduled maintenance; reporting."

B. Operational Restrictions (continued)

3. This emissions unit shall be operated as follows:
 - a. All vapors collected by the vapor collection system shall be vented to the vapor control system.
 - b. Any liquid gasoline returned to a stationary storage tank from the vapor control system shall be free of entrained air to the extent possible with good engineering design.
 - c. A means shall be provided to prevent drainage of gasoline from the loading device when it is not in use or to accomplish complete drainage before the loading device is disconnected.
 - d. All gasoline loading lines and vapor lines shall be equipped with fittings which are vapor tight.
 - e. The permittee shall prohibit gasoline to be spilled, discharged in sewers, stored in open containers or handled in any other manner that would result in evaporation.
 - f. The permittee shall repair within fifteen days any leak from the vapor collection system and vapor control system when such leak is equal to or greater than one hundred percent of the lower explosive limit as propane, as determined under paragraph (K) of rule 3745-21-10 of the Administrative Code.
4. The maximum exhaust gas VOC concentration shall not exceed 3% (as propane) from the carbon adsorption vessels. [A VOC concentration that exceeds 3% (as propane) is not necessarily indicative of a violation of the allowable mass emission limitation (80 mg/l), but rather serves as a trigger level for maintenance and/or repair activities, or further investigation to establish correct operation.]

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records indicating the total throughputs of gasoline, ethanol and distillates. This recordkeeping shall begin upon the issuance of this PTO. After the first 12 calendar months of operation following the issuance of this PTO, the permittee shall also record the rolling 12-month throughputs for gasoline, ethanol and distillates.
2. The permittee shall perform monthly monitoring of the exhaust gas VOC concentration from both carbon adsorption vessels on the vapor recovery unit using the 40 CFR 60, Appendix A, Method 21 procedure for open ended lines. The highest VOC concentration, as measured during the processing of vapors during the last five minutes of the adsorption cycle for each vessel, shall be recorded. The permittee shall maintain records of the monthly monitored VOC concentrations detected in the exhaust gases from the vapor recovery unit. This monitoring and recordkeeping shall begin 30 days after the issuance of the permit to operate.

D. Reporting Requirements

1. The permittee shall submit semiannual reports indicating any exceedances of the monthly cumulative throughput limits or the rolling 12-month throughput limits, along with the causes of the exceedances and an explanation of any corrective action taken to prevent similar exceedances in the future. These semiannual reports shall be submitted by February 15 and August 15 of each year and shall address the data obtained during the previous six calendar months (July through December, and January through June, respectively).
2. The permittee shall submit annual reports of the total throughputs for gasoline, ethanol and distillates during the calendar year, and the estimated total VOC and individual and combined HAP emissions from each product. The reports shall also include the estimated individual and combined HAP emissions from all other emissions units at the facility. These annual reports shall be submitted by February 15 of each year.
3. The permittee shall submit semiannual reports indicating any exceedances of the VOC concentration limit, along with the cause of the exceedance and an explanation of any corrective action taken to prevent a similar exceedance in the future. These semiannual reports shall be submitted by February 15 and August 15 of each year and shall address the data obtained during the previous six calendar months (July through December, and January through June, respectively).

E. Testing Requirements

1. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - a. The emission testing shall be conducted within 12 months prior to permit renewal between April 30 and May 31.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate from VOC for gasoline loading.
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): for VOC, Methods 2A, 21 and 25B of 40 CFR Part 60, Appendix A; Subpart XX [60.503(d)]; and 3745-21-10(E).

E. Testing Requirements (continued)

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

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Toledo Division of Environmental Services. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Toledo Division of Environmental Services refusing to accept the results of the emission test(s).

Personnel from the Toledo Division of Environmental Services shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Toledo Division of Environmental Services within 30 days following completion of the test(s).

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

Emission Limitation: 0.43 pound VOC per thousand gallons of gasoline loaded.
Applicable Compliance Method: OAC rule 3745-21-10(E)

Emission Limitation: 0.015 pound VOC per thousand gallons of distillate loaded.
Applicable Compliance Method: Use an emission factor from AP-42 of 0.0149 pound of VOC emissions per thousand gallons of distillate.

Emission Limitation: 0.52 pound VOC per thousand gallons of ethanol loaded.
Applicable Compliance Method: Use an emission factor from AP-42 of 0.5236 pound of VOC emissions per thousand gallons of ethanol.

Emission Limitation: 36.4 tons VOC/year.
Applicable Compliance Method: Sum the following products and divide by 2000:
- the product of the VOC emission factor from the latest stack test times the gallons of gasoline loaded during the year;
- the product of the emission factor of 0.0149 pound of VOC emissions per thousand gallons of distillate times the gallons of distillate loaded during the year; and
- the product of the emission factor of 0.5236 pound of VOC emissions per thousand gallons of ethanol times the gallons of ethanol loaded during the year.

Emission Limitation: 10 TPY for any single HAP and 25 TPY for any combination of HAPs.
Applicable Compliance Method: For each individual HAP multiply the following emission factors from the document entitled "Gasoline Distribution Industry (Stage I) - Background Information for Proposed Standards Draft Report" by the actual annual VOC emission rate for the year (in TPY) for all emissions units at the facility:

- hexane - 0.016 pound of hexane emissions per pound of VOC;
- benzene - 0.009 pound of benzene emissions per pound of VOC;
- toluene - 0.013 pound of toluene emissions per pound of VOC;
- 2, 2, 4 trimethylpentane - 0.008 pound of 2, 2, 4 trimethylpentane emissions per pound of VOC;
- xylenes - 0.005 pound of xylene emissions per pound of VOC; and
- ethylbenzene - 0.001 pound of ethylbenzene emissions per pound of VOC.

For the combination of HAPs, sum the calculated annual emission rates for the individual HAPs.

F. Miscellaneous Requirements

1. The special terms and conditions of this PTO are federally enforceable requirements.