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Facility Name: **Midland Co-Op, Inc., Zanesville Branch**

Application Number: **06-5564**

Date: **October 7, 1998**

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.

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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 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.

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

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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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The air contaminant emissions units listed below comprise the Permit to Install for **Midland Co-Op, Inc., Zanesville Branch** located in **Muskingum** 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.

| <u>Ohio EPA Source Number</u> | <u>Source Identification Description</u> | <u>BAT Determination</u> | <u>Applicable Federal & OAC Rules</u> | <u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u> |
|-------------------------------|---|--|---|---|
| T002 | 20,000 gal Gasoline Storage Tank at Bulk Loading Facility | Compliance with the Requirements of OAC rule 3745-21-09(P) | 3745-31-05 3745-21-09(P) | This source is limited to 1.65 tons per year OC emissions. See Additional Special Terms and Conditions |
| T003 | 20,000 gal Gasoline Storage Tank at Bulk Loading Facility | Compliance with the Requirements of OAC rule 3745-21-09(P) | 3745-31-05 3745-21-09(P) | This source is limited to 2.50 tons per year OC emissions. See Additional Special Terms and Conditions |
| T004 | 20,000 gal Kerosene Storage Tank at Bulk Loading Facility | Compliance with the Requirements of OAC rule 3745-21-09(P) | 3745-31-05 3745-21-09(P) | This source is limited to 0.003 ton per year OC emissions. See Additional Special Terms and Conditions |
| T005 | 20,000 gal Diesel Fuel Storage Tank at Bulk Loading | Compliance with the Requirements of OAC rule 3745-21-09(P) | 3745-31-05 | This source is limited to 0.01 ton per year OC emissions. |

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| | | | | |
|--------|--|--|---------------------------------|--|
| T005 | Facility | | 3745-21-09(P) | See Additional Special Terms and Conditions |
| cont'd | | | | |
| T006 | 20,000 gal Diesel Fuel Storage Tank at Bulk Loading Facility | Compliance with the Requirements of OAC rule 3745-21-09(P) | 3745-31-05 3745-21-09(P) | This source is limited to 0.02 ton per year OC emissions. See Additional Special Terms and Conditions |
| T007 | 20,000 gal Fuel Oil Storage Tank at Bulk Loading Facility | Compliance with the Requirements of OAC rule 3745-21-09(P) | 3745-31-05 3745-21-09(P) | This source is limited to 0.01 ton per year OC emissions. See Additional Special Terms and Conditions |
| J001 | Loading Rack at Bulk Loading Facility | Compliance with the Requirements of OAC rule 3745-21-09(P) | 3745-31-05 3745-21-09(P) | This source is limited to 0.6 ton per year OC emissions. See Additional Special Terms and Conditions |

SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

| <u>Pollutant</u> | <u>Tons/Year</u> |
|------------------|------------------|
| OC | 5.5 |

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

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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, Ohio 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

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, Ohio 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.

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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

I. Additional Terms and Conditions-Loading Rack

1. For any transfer of gasoline, diesel fuel, kerosene, or heating oil from a loading rack located at the bulk loading facility to a delivery vessel, the vapors displaced from the delivery vessel shall be processed by a vapor balance system which is equipped with a vapor tight vapor line from the delivery vessel to the stationary storage tank being unloaded and a means to ensure that the vapor line is connected before gasoline, diesel fuel, kerosene, or heating oil can be transferred and which is designed and operated to route at least 90 percent by weight of the VOC in the displaced vapors to the stationary storage tank.
2. Any loading rack at the bulk loading facility which transfers gasoline, diesel fuel, kerosene, or heating oil to a delivery vessel shall be equipped for top submerged filling or bottom filling for the transfer of gasoline, diesel fuel, kerosene, or heating oil.
3. All gasoline, diesel fuel, kerosene, or heating oil loading lines, unloading lines and vapor lines shall be equipped with fittings which are vapor tight.

A. Operational Restrictions

1. The vapor balance system shall be kept in good working order and shall be used at all times during the transfer of gasoline, diesel fuel, kerosene, or heating oil.

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2. The delivery vessel hatches shall be closed at all times during the loading of the delivery vessel.
3. There shall be no leaks in the delivery vessel pressure/vacuum relief valves and hatch covers.
4. There shall be no leaks in the vapor and liquid lines during the transfer of gasoline, diesel fuel, kerosene, or heating oil.
5. The pressure relief valves on the stationary storage tanks and delivery vessels shall be set to release at no less than 0.7 pound per square inch gauge or the highest possible pressure (in accordance with State or local fire codes, or the "National Fire Prevention Association" guidelines).
6. The permittee shall not permit gasoline, diesel fuel, kerosene, or heating oil to be spilled, discarded in sewers, stored in open containers or handled in any other manner that would result in evaporation.
7. The permittee shall repair within 15 days any leak from the vapor balance system or vapor control system, which is employed to meet the requirements of paragraph (P)(1) of OAC rule 3745-21-09, when such leak is equal to or greater than 100 percent of the lower explosive limit as propane, as determined under paragraph (K) of OAC rule 3745-21-10.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
 - a. the daily quantity of all gasoline, diesel fuel, kerosene, or heating oil loaded into gasoline, diesel fuel, kerosene, or heating oil tank trucks; and,
 - b. the results of any leak checks, including, at a minimum, the following information:
 - i. date of inspection;

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- ii. findings (may indicate no leaks discovered or location, nature, and severity of each leak);
- iii. leak determination method;
- iv. corrective action (date each leak repaired and reasons for any repair interval in excess of 15 calendar days); and,
- v. inspector's name and signature.

C. Reporting Requirements

- 1. Any leaks in vapor or liquid lines that are not repaired within 15 days after identification shall be reported to the Director (Ohio EPA Southeast District Office) within 30 days after the repair is completed.

D. Testing Requirements

None

E. Miscellaneous Requirements

None

II. Additional Terms and Conditions-Storage Tanks

- 1. For any transfer of gasoline, diesel fuel, kerosene, or heating oil from a delivery vessel to a stationary storage tank located at the bulk loading facility, the vapors displaced from the stationary storage tank shall be processed by a vapor balance system which is equipped with a vapor tight vapor line from the stationary storage tank to the delivery vessel and a means to ensure that the vapor line is connected before gasoline can be transferred and which is designed and operated to route at least 90 percent by weight of the VOC in the displaced vapors to the delivery vessel.

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2. Each stationary storage tank which stores gasoline, diesel fuel, kerosene, or heating oil at the bulk loading facility shall be loaded by means of a submerged fill pipe.
3. All gasoline, diesel fuel, kerosene, or heating oil loading lines, unloading lines and vapor lines shall be equipped with fittings which are vapor tight.

A. Operational Restrictions

1. The vapor balance system shall be kept in good working order and shall be used at all times during the transfer of gasoline, diesel fuel, kerosene, or heating oil.
2. There shall be no leaks in the vapor and liquid lines during the transfer of gasoline, diesel fuel, kerosene, or heating oil.
3. The pressure relief valves on the stationary storage tanks and delivery vessels shall be set to release at no less than 0.7 pound per square inch gauge or the highest possible pressure (in accordance with State or local fire codes, or the "National Fire Prevention Association" guidelines).
4. The permittee shall not permit gasoline, diesel fuel, kerosene, or heating oil to be spilled, discarded in sewers, stored in open containers or handled in any other manner that would result in evaporation.
5. The permittee shall repair within 15 days any leak from the vapor balance system or vapor control system, which is employed to meet the requirements of paragraph (P)(1) of OAC rule 3745-21-09, when such leak is equal to or greater than 100 percent of the lower explosive limit as propane, as determined under paragraph (K) of OAC rule 3745-21-10.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the results of any leak checks, including, at a minimum, the following information:

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- a. Date of inspection.
- b. Findings (may indicate no leaks discovered or location, nature, and severity of each leak).
- c. Leak determination method.
- d. Corrective action (date each leak repaired and reasons for any repair interval in excess of 15 calendar days).
- e. Inspector's name and signature.

C. Reporting Requirements

1. Any leaks in vapor or liquid lines that are not repaired within 15 days after identification shall be reported to the Director (Ohio EPA Southeast District Office) within 30 days after the repair is completed.

D. Testing Requirements

None.

E. Miscellaneous Requirements

None.