



Street Address:

Mailing Address:

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329
State of Ohio Environmental Protection Agency

Lazarus Gov.
Center

**RE: DRAFT PERMIT TO INSTALL MODIFICATION
SUMMIT COUNTY**

CERTIFIED MAIL

Application No: 16-00766

DATE: 3/11/2004

OMEGA JV1 Cuyahoga Falls
Randy Meyer
2600 Airport Drive
Columbus, OH 432192226

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install modification for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit modification. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the proposed installation. A public notice concerning the draft permit will appear in the Ohio EPA Weekly Review and the newspaper in the county where the facility will be located. Public comments will be accepted by the field office within 30 days of the date of publication in the newspaper. Any comments you have on the draft permit modification should be directed to the appropriate field office within the comment period. A copy of your comments should also be mailed to Robert Hodanbosi, Division of Air Pollution Control, Ohio EPA, P.O. Box 1049, Columbus, OH, 43266-0149.

A Permit to Install modification may be issued in proposed or final form based on the draft action, any written public comments received within 30 days of the public notice, or record of a public meeting if one is held. You will be notified in writing of a scheduled public meeting. Upon issuance of a final Permit to Install modification a fee of \$ 0 will be due. Please do not submit any payment now.

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. If you have any questions about this draft permit, please contact the field office where you submitted your application, or Mike Ahern, Field Operations & Permit Section at (614) 644-3631.

Very truly yours,

Michael W. Ahern

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

CC: USEPA

ARAQMD

Akron Metropolitan Area Transportation Study

WV

PA

SUMMIT COUNTY

PUBLIC NOTICE

**ISSUANCE OF DRAFT PERMIT TO INSTALL 16-00766 FOR AN AIR CONTAMINANT SOURCE FOR
OMEGA JV1 CUYAHOGA FALLS**

On 3/11/2004 the Director of the Ohio Environmental Protection Agency issued a draft action of a Permit To Install an air contaminant source for **OMEGA JV1 Cuyahoga Falls**, located at **2550 Bailey Road, Cuyahoga Falls**, Ohio.

Installation of the air contaminant source identified below may proceed upon final issuance of Permit To Install 16-00766:

Administrative modification to change the NOx emissions limitation for each of the 6 identical diesel generator units at the facility.

Comments concerning this draft action, or a request for a public meeting, must be sent in writing to the address identified below no later than thirty (30) days from the date this notice is published. All inquiries concerning this draft action may be directed to the contact identified below.

Lynn Malcolm, Akron Regional Air Quality Management District, 146 South High Street, Room 904, Akron, OH 44308 [(330)375-2480]



**Permit To Install
Terms and Conditions**

**Issue Date: To be entered upon final issuance
Effective Date: To be entered upon final issuance**

DRAFT MODIFICATION OF PERMIT TO INSTALL 16-00766

Application Number: 16-00766
APS Premise Number: 1677050142
Permit Fee: **To be entered upon final issuance**
Name of Facility: OMEGA JV1 Cuyahoga Falls
Person to Contact: Randy Meyer
Address: 2600 Airport Drive
Columbus, OH 432192226

Location of proposed air contaminant source(s) [emissions unit(s)]:

**2550 Bailey Road
Cuyahoga Falls, Ohio**

Description of proposed emissions unit(s):

Administrative modification to change the NOx emissions limitation for each of the 6 identical diesel generator units at the facility.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification 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 source(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 included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

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

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or 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

OMEGA JV1 Cuyahoga Falls

PTI Application: 16-00766

Issued: To be entered upon final issuance

lead to such sanctions

Facility ID: 1677050142

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 Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

12. Best Available Technology

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

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

- a. If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete

OMEGA JV1 Cuyahoga Falls

Facility ID: 1677050142

PTI Application: 16-00766

Issued: To be entered upon final issuance

Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

Emissions Unit ID: **B001**

- b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. 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 source(s) covered by this permit..

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>
NOx	24.78

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>
B001 (Diesel Generator Unit No. 1) 17.78 mmBtu/hr maximum rated heat input diesel-powered electrical generator	OAC rule 3745-31-05	Nitrogen oxides emissions shall not exceed 24.78 tons/year from the facility. The facility consists of six (6) identical diesel-powered electrical generators, Unit Nos. 1 through 6.

2. Additional Terms and Conditions

2.a NONE

B. Operational Restrictions

1. The facility shall not operate more than 1200 unit hours during any consecutive 12-month period.

C. Monitoring and/or Recordkeeping Requirements

1. The facility shall maintain monthly records of operating hours for each of the six units, along with a record of the total unit operating hours of the previous 12 months.

D. Reporting Requirements

1. The facility shall report the monthly operating hours and the cumulative hours to the Akron Regional Air Quality Management District each quarter for the preceeding three months.

E. Testing Requirements

NONE

F. Miscellaneous Requirements

NONE

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
B002 (Diesel Generator Unit No. 2) 17.78 mmBtu/hr maximum rated heat input diesel-powered electrical generator	OAC rule 3745-31-05	Nitrogen oxides emissions shall not exceed 24.78 tons/year from the facility. The facility consists of six (6) identical diesel-powered electrical generators, Unit Nos. 1 through 6.

2. Additional Terms and Conditions

2.a NONE

B. Operational Restrictions

1. The facility shall not operate more than 1200 unit hours during any consecutive 12-month period.

C. Monitoring and/or Recordkeeping Requirements

1. The facility shall maintain monthly records of operating hours for each of the six units, along with a record of the total unit operating hours of the previous 12 months.

OMEGA

PTI A

Emissions Unit ID: B003

Issued: To be entered upon final issuance

D. Reporting Requirements

- 1. The facility shall report the monthly operating hours and the cumulative hours to the Akron Regional Air Quality Management District each quarter for the preceding three months.

E. Testing Requirements

NONE

F. Miscellaneous Requirements

NONE

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
B003 (Diesel Generator Unit No. 3) 17.78 mmBtu/hr maximum rated heat input diesel-powered electrical generator	OAC rule 3745-31-05	Nitrogen oxides emissions shall not exceed 24.78 tons/year from the facility. The facility consists of six (6) identical diesel-powered electrical generators, Unit Nos. 1 through 6.

2. Additional Terms and Conditions

2.a NONE

B. Operational Restrictions

- 1. The facility shall not operate more than 1200 unit hours during any consecutive 12-month period.

OMEGA

PTI A

Emissions Unit ID: B004

Issued: To be entered upon final issuance

C. Monitoring and/or Recordkeeping Requirements

- 1. The facility shall maintain monthly records of operating hours for each of the six units, along with a record of the total unit operating hours of the previous 12 months.

D. Reporting Requirements

- 1. The facility shall report the monthly operating hours and the cumulative hours to the Akron Regional Air Quality Management District each quarter for the preceding three months.

E. Testing Requirements

NONE

F. Miscellaneous Requirements

NONE

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
B004 (Diesel Generator Unit No. 4) 17.78 mmBtu/hr maximum rated heat input diesel-powered electrical generator	OAC rule 3745-31-05	Nitrogen oxides emissions shall not exceed 24.78 tons/year from the facility. The facility consists of six (6) identical diesel-powered electrical generators, Unit Nos. 1 through 6.

2. Additional Terms and Conditions

2.a NONE

B. Operational Restrictions

- 1. The facility shall not operate more than 1200 unit hours during any consecutive 12-month period.

C. Monitoring and/or Recordkeeping Requirements

- 1. The facility shall maintain monthly records of operating hours for each of the six units, along with a record of the total unit operating hours of the previous 12 months.

D. Reporting Requirements

- 1. The facility shall report the monthly operating hours and the cumulative hours to the Akron Regional Air Quality Management District each quarter for the preceding three months.

E. Testing Requirements

NONE

F. Miscellaneous Requirements

NONE

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	heat input diesel-powered electrical generator	<u>Applicable Rules/Requirements</u>
B005 (Diesel Generator Unit No. 5) 17.78 mmBtu/hr maximum rated		OAC rule 3745-31-05

OMEC

PTI A

Emissions Unit ID: **B006**

Issued: To be entered upon final issuance

Applicable Emissions
Limitations/Control Measures

Nitrogen oxides emissions shall not exceed 24.78 tons/year from the facility. The facility consists of six (6) identical diesel-powered electrical generators, Unit Nos. 1 through 6.

2. Additional Terms and Conditions

2.a NONE

B. Operational Restrictions

1. The facility shall not operate more than 1200 unit hours during any consecutive 12-month period.

C. Monitoring and/or Recordkeeping Requirements

1. The facility shall maintain monthly records of operating hours for each of the six units, along with a record of the total unit operating hours of the previous 12 months.

D. Reporting Requirements

1. The facility shall report the monthly operating hours and the cumulative hours to the Akron Regional Air Quality Management District each quarter for the preceding three months.

E. Testing Requirements

NONE

F. Miscellaneous Requirements

NONE

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

A. Applicable Emissions Limitations and/or Control Requirements

OMEGA

PTI A

Emissions Unit ID: **B006**

Issued: To be entered upon final issuance

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>
B006 (Diesel Generator Unit No. 6) 17.78 mmBtu/hr maximum rated heat input diesel-powered electrical generator	OAC rule 3745-31-05	Nitrogen oxides emissions shall not exceed 24.78 tons/year from the facility. The facility consists of six (6) identical diesel-powered electrical generators, Unit Nos. 1 through 6.

2. Additional Terms and Conditions

2.a NONE

B. Operational Restrictions

1. The facility shall not operate more than 1200 unit hours during any consecutive 12-month period.

C. Monitoring and/or Recordkeeping Requirements

1. The facility shall maintain monthly records of operating hours for each of the six units, along with a record of the total unit operating hours of the previous 12 months.

D. Reporting Requirements

1. The facility shall report the monthly operating hours and the cumulative hours to the Akron Regional Air Quality Management District each quarter for the preceeding three months.

E. Testing Requirements

NONE

F. Miscellaneous Requirements

OMEGA JV1 Cuyahoga Falls
PTI A
Issued

Facility ID: 1677050142

Emissions Unit ID: **B006**

NONE