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Facility Name: **AGA Gas Inc-Maumee Facility**

Application Number: **04-1137**

Date: **August 26, 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. 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.

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.

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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 **AGA Gas Inc-Maumee Facility** located in **Lucas** 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.

*3745-17-07

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>
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K001	Spray paint booth	Compliant coatings of 3.5 pounds VOC per gallon (excluding water) 400 gallons per month coating usage Fabric filtered paint booth Compliance with Air Toxics Policy	3745-31-05
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3745-21-09
(U)

*3745-17-11

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* The emission limits established through this rule are less stringent than BAT, therefore BAT allowable applies.

SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
PM	0.18
VOC	8.4

CONSTRUCTION STATUS

The **Toledo Environmental Services Division** shall be notified in writing as to (a) the construction starting date, (b) the construction completion date, and (c) the date the facilities were placed into operation for the following sources: **K001**.

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

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Unless otherwise specified, reports required by the Permit to Install need only be submitted to **Toledo Environmental Services Division, 348 South Erie Street, Toledo, OH 43602.**

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 **Toledo Environmental Services Division, 348 South Erie Street, Toledo, OH 43602.**

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.

NINETY DAY OPERATING PERIOD

The facility will be permitted to operate during a 90-day period in accordance with OAC Rule 3745-35-02(C)(4)(b). The purpose of

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this period of operation is to fulfill the performance tests conditions used in the determination of compliance with the provisions of this Permit to Install or other applicable Ohio EPA rules.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

A. Operational Restrictions

1. This emissions unit shall use only compliant coatings with a maximum of 3.5 pounds VOC per gallon coating (excluding water).

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each month and maintain the information at the facility for a period of three years:
 - a. the name and identification number of each coating, as applied;
 - b. the mass of VOC per volume of each coating (excluding water and exempt solvents), as applied; and,
 - c. the number of gallons of each coating used for the month.
2. The permittee shall collect and record the following information for the purpose of determining annual VOC emissions:
 - a. the name and identification of each cleanup material employed;
 - b. the VOC content of each cleanup material, in pounds per gallon;
 - c. the number of gallons of each cleanup material employed;
 - d. the number of gallons (excluding water and exempt solvents) of each coating employed; and,

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- e. the total VOC emissions from all coatings and cleanup materials employed, in pounds or tons.

C. Reporting Requirements

1. The permittee shall notify the Toledo Division of Environmental Services of any monthly record showing the use of noncomplying coatings. A copy of such record shall be sent to the Toledo Division of Environmental Services within thirty days following the end of the calendar month.
2. The permittee shall notify the Toledo Division of Environmental Services Division of any monthly record showing the use of more than 400 gallons of coating. A copy of such record shall be sent to the Toledo Division of Environmental Services Division within thirty days following the end of the calendar month.
3. The permittee shall also submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

D. Testing and Compliance Requirements

1. Compliance with the emission limitation(s) in this permit shall be determined in accordance with the following method(s):
 - a. Emissions Limitation
PM - 0.015 pound per gallon
Applicable Compliance Method
Maintenance of air filtration system and no visible emissions.
 - b. Emissions Limitation
PM - 0.18 ton per year
Applicable Compliance Method
Maintenance of air filtration system and no visible emissions.
 - c. Emissions Limitation

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VOC - 8.4 tons per year

Applicable Compliance Method

Compliance will be demonstrated by Recordkeeping and Reporting as required by Additional Special Terms and Conditions part B and C of this permit.

d. Emissions Limitation

VOC - 400 gallons per month

Applicable Compliance Method

Compliance will be demonstrated by Recordkeeping and Reporting as required by Additional Special Terms and Conditions part B and C of this permit.

e. Emissions Limitation

VOC - 3.5 pounds VOC per gallon coating (excluding water)

Applicable Compliance Method

Compliance will be demonstrated by Recordkeeping and Reporting as required by Additional Special Terms and Conditions part B and C of this permit.

E. Miscellaneous Requirements

1. This permit allows the use of the coatings and cleanup materials specified by the permittee in the application for PTI Number 04-1137. In conjunction with the best available technology requirements of OAC rule 3745-31-05, the VOC emission limitation(s) specified in this permit was (were) established in accordance with Ohio EPA's "Air Toxics Policy" and is (are) based on both the coating and cleanup material formulation data and the design parameters of the emissions unit's exhaust system, as specified in the application. Compliance with the Ohio EPA's "Air Toxics Policy" was demonstrated for each pollutant based on the SCREENS3

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model and a comparison of the predicted 1 hour maximum ground-level concentration to the MAGLC. The following summarizes the results of the modeling for each pollutant:

Pollutant: Xylene

TLV (ug/m3): 454,000

Maximum Hourly Emission Rate (pounds/hour): 6.2

Predicted 1 Hour Maximum Ground-Level Concentration at the Fenceline (ug/m3): 1,127

Maximum	Acceptable	Ground-Level	Concentration
(MAGLC) (ug/m3):	10,333		

Any of the following changes may be deemed a "modification" to the emissions unit and, as such, prior notification to and approval from the Toledo Division of Environmental Services are required, including the possible issuance of modifications to PTI number 04-1137 and the operating permit:

- a. any changes in the composition of the coatings or cleanup materials, or the use of new coatings or cleanup 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 specified in the above table;
- b. any change to the emissions unit or its exhaust parameters (e.g., increased emission rate, reduction exhaust gas flow rate, and decreased stack height) that would result in an exceedance of any MAGLC specified in the above table;
- c. any change to the emissions unit or its method of operation that would either require an increase in the emission limitation(s) established by this permit or would otherwise be considered a "modification" as defined in OAC rule 3745-31-01;
- d. any change in the composition of the coatings or cleanup materials, or use of new coatings or

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cleanup materials, that would result in the emission of any of the exempted organic compounds included in the definition of "VOC" [OAC rule 3745-21-01(B)(6)]; and,

- e. any change in the composition of the coatings or cleanup materials, or use of new coatings or cleanup materials, that would result in an increase in emissions of any "Hazardous Air Pollutants" (HAPS) as defined in OAC rule 3745-77-01(V).