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Facility Name: **G E Euclid Plant**

Application Number: **13-2815**

Date: **February 18, 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.

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 **G E Euclid Plant** located in **Cuyahoga** 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>
P027	Lamp gettering 8 basing	Based on knowledge of processes that are similar.	3745-31-05 3745-21-07 (G) (3)	VOC Limit: *40 pounds/day *8 pounds/hour *7.3 TPY
P028	Lamp gettering 8 basing	Based on knowledge of processes that are similar.	3745-31-05 3745-21-07 (G) (3)	VOC Limit: *40 pounds/day *8 pounds/hour *7.3 TPY
P030	Coating of glass bulbs 8 metal bases	Based on knowledge of processes that are similar.	3745-31-05 3745-21-07 (G) (1)	VOC Limit: *15 pounds/day *3 pounds/hour *2.74 TPY

SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

Pollutant

VOC

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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>
<u>Tons/Year</u>				
17.34				

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REPORTING REQUIREMENTS

Unless otherwise specified, reports required by the Permit to Install need only be submitted to **Cleveland Air Pollution Control, 1925 St. Clair Avenue, Cleveland, OH 44114.**

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 **Cleveland Air Pollution Control, 1925 St. Clair Avenue, Cleveland, OH 44114.**

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.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

A. Operational Restrictions

None.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information for each day for the coating operation:

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- a. the company identification for each coating and photochemically reactive cleanup material employed;

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- b. the number of gallons of each coating and photochemically reactive cleanup material employed;
- c. the OC content of each coating and photochemically reactive cleanup material, in pounds OC per gallon;
- d. for each day during which a photochemically reactive material is employed, the total emission rate for all coatings and photochemically reactive cleanup materials, in pounds OC per day;
- e. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and,
- f. for each day during which a photochemically reactive material is employed, the average hourly OC emission rate for all coatings and photochemically reactive cleanup materials, i.e., (d)/(e), in pounds per hour (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit. Also, the definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C) (5)].

C. Reporting Requirements

1. In acceptance with the Conditions, the permittee shall submit deviation (excursion) reports which include the following information:
 - a. for the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly OC emissions from the coatings and photochemically reactive cleanup materials exceeded 8 pounds per hour for P027/P028, or 3 pounds per hour for P030, and the actual average hourly OC emissions for each such day; and,
 - b. for the days during which a photochemically reactive material was employed, an identification

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of each day during which the OC emissions from the coatings and photochemically reactive materials exceeded 40 pounds per day for P027/P028, or 15 pounds per day for P030, and the actual OC emissions for each such day.

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D. Testing Requirements

1. Compliance with the allowable emission limitations in Section A.1. of these Additional Special Terms and Conditions shall be determined in accordance with the following methods:

- a. Emission Limitation

- 8 pounds per hour of OC for P027/P028
 - 3 pounds per hour of OC for P030

- Applicable Compliance Method

- Compliance shall be based upon the recordkeeping specified in Section C.

- b. Emission Limitation

- 40 pounds per day of OC for P027/P028
 - 15 pounds per day of OC for P030

- Applicable Compliance Method

- Compliance shall be based upon the recordkeeping specified in Section C.

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials employed in the emissions unit.

E. Miscellaneous Requirements

None.