



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center  
122 S. Front Street  
Columbus, OH 43215

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

Mailing Address:

Lazarus Gov. Center  
P.O. Box 1049  
Columbus, OH 43216-1049

**RE: FINAL PERMIT TO INSTALL  
DELAWARE COUNTY  
Application No: 01-08178**

**CERTIFIED MAIL**

	TOXIC REVIEW
	PSD
	SYNTHETIC MINOR
	CEMS
	MACT
	NSPS
	NESHAPS
	NETTING
	MAJOR NON-ATTAINMENT
	MODELING SUBMITTED
	GASOLINE DISPENSING FACILITY

**DATE: 6/7/00**

Liebert Corporation  
Thomas Rau  
975 Pittsburgh Dr  
Delaware, OH 43015

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it 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 by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 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 within thirty (30) days after the notice of the Directors 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

Very truly yours,

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

cc: USEPA

CDO



**FINAL PERMIT TO INSTALL 01-08178**

Application Number: 01-08178

APS Premise Number: 0121019629

Permit Fee: **\$600**

Name of Facility: Liebert Corporation

Person to Contact: Thomas Rau

Address: 975 Pittsburgh Dr  
Delaware, OH 43015

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

**975 Pittsburgh Dr  
Delaware, Ohio**

Description of proposed emissions unit(s):

**Varnish coating and power generating equipment.**

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit 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 emissions unit(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 and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

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 Related to Monitoring and Recordkeeping 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 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 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 prove to be inadequate 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 application must be made to the Director for the installation or modification of any other emissions unit(s).

**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**

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, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within thirty (30) days after commencing operation of the emissions unit(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>
PE	0.12
VOC	3.27
NOx	1.66
SO2	0.11
CO	0.36

**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>
Varnish coating system, comprised of a dip tank and electrically heated oven	OAC rule 3475-21-09 (U)(1)(i)	3.0 pounds volatile organic compounds (VOC)/gallon of coating, excluding water and exempt solvents
	OAC rule 3745-31-05	Volatile organic compound (VOC) emissions shall not exceed 0.830 lb/hour from coatings only and 3.15 tons/year including cleanup. See A.2.a below.

2. **Additional Terms and Conditions**

- 2.a The 0.83 pounds of VOC per hour limitation for this emissions unit was established to reflect the hourly potential to emit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.

**B. Operational Restrictions**

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall collect and record the following information each month for the line:
  - a. The name and identification number of each coating, as applied.
  - b. The VOC content of each coating (excluding water and exempt solvents), as applied.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new emissions unit and subject to specific “gallons/year” and “tons/year” limitations, or just a “tons/year” limitation in a Permit to Install. In such cases, for each such new emissions unit only,

the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

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

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new emissions unit and subject to specific “gallons/year” and “tons/year” limitations, or just a “tons/year” limitation in a Permit to Install. In such cases, for each such new emissions unit only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

3. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

#### **D. Reporting Requirements**

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any monthly record showing the use of noncomplying coatings (i.e., for VOC content). The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days following the end of the calendar month.
2. 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.
3. The permittee shall notify the Director (the appropriate District Office or local air agency) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the appropriate District Office or local air agency) within 30 days after the event occurs.

#### **E. Testing Requirements**

1. 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):

- 1.a Emissions Limitation:

Volatile organic compound emissions shall not exceed 0.83 lb/per hour, from coatings only.

Applicable Compliance Method:

Compliance shall be demonstrated by multiplying the maximum VOC content of 2.5 pounds per gallon by the maximum gallons used of 0.33 gallons per hour.

- 1.b Emission Limitation:

Volatile organic compound emissions shall not exceed 3.15 tons per year, including cleanup.

Applicable Compliance Method:

Compliance shall be demonstrated by the record keeping requirements in section C.1 and C.2 of this permit.

## **F. Miscellaneous Requirements**

1. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic compound will be less than 1.0 ton. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any pollutant that has a listed TLV to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.

**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>
2.97 mmBtu diesel fired generator	OAC rule 3745-31-05 (A)(3)	Particulate emissions (PE) shall not exceed 0.92 lb/hr, 0.12 ton PE/yr  Sulfur Dioxide emissions (SO <sub>2</sub> ) shall not exceed 0.86 lb SO <sub>2</sub> /hr, 0.11 ton SO <sub>2</sub> /yr  Carbon Monoxide emissions (CO) shall not exceed 2.82 lbs CO/hr, 0.36 ton CO/yr  Organic Compound emissions (OC) shall not exceed 1.07 lbs OC/hr, 0.12 ton OC/yr  Nitrogen Oxide emissions (NO <sub>x</sub> ) shall not exceed 13.11lbs NO <sub>x</sub> /hr, 1.66 tons NO <sub>x</sub> /yr  See A.2.a
	OAC rule 3745-17-07 (A)(1)	visible emissions shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	particulate emissions shall not exceed 0.31 lb/mmBtu, See A.2.c.
	OAC rule 3745-18-06(G)	The emission limitation specified by this rule is less stringent than the

emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

**2. Additional Terms and Conditions**

- 2.a** The permittee shall be required to burn only No. 2 diesel fuel containing less than 0.05% sulfur by weight.
- 2.b** The emission limitation specified in this rule citation has been revised based upon a change in the applicable emission factor contained in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors. The revised rule was adopted by the Director of Ohio EPA in December, 1997. The USEPA has agreed to consider this revised rule as federally enforceable during the time from the effective date of this permit to the effective date of USEPA approval of this limitation as a revision to the Ohio SIP for particulate matter."

**B. Operational Restrictions**

- 1. The maximum annual diesel fuel usage for emissions unit P013 shall not exceed 5,610 gallons per year.

**C. Monitoring and/or Recordkeeping Requirements**

- 1. The permittee shall maintain records of the annual diesel fuel usage for this emissions unit:

**D. Reporting Requirements**

- 1. The permittee shall submit annual reports which specify the total nitrogen oxide emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
- 2. The permittee shall submit deviation (excursion) reports which identify all exceedances of the annual gallon limitation. These reports are due by the date described in Part 1 - General Terms and Conditions of this permit under section A.1.

**E. Testing Requirements**

- 1. Compliance with the emission limitations in Section A.1 of the terms and conditions of this permit shall be determined in accordance with the following methods:

- 1.a Emission Limitation:  
0.92 lb PE/hr, 0.12 ton PE/yr

Applicable Compliance Method:

Compliance with the emission limitation of 0.92 lb PE/hr shall be determined by multiplying the maximum mmBtu/hr (2.97) by the regulation allowable for small stationary diesel engines of 0.31 lb PE/mmBtu. Compliance with the emission limitation of 0.12 tons PE/yr shall be determined by multiplying the annual fuel limitation of 5,610 gal/yr by the heat content for diesel fuel, 0.1365 mmBtu/gal then by 0.31 lb/mmBtu and divided 2000lbs/ton.

If required, the permittee shall demonstrate compliance with the above hourly particulate emission limitation in accordance with the procedures and methods specified in OAC 3745-17-03(B)(10).

- 1.b Emission Limitation:  
2.82 lbs CO/hr, 0.36 ton CO/yr

**Applicable Compliance Method:**

Compliance with the emission limitation of 2.82 lbs CO/hr shall be determined by multiplying the maximum mmBtu/hr (2.97) by the AP-42, Table 3.3-1 emission factor for small stationary diesel engines of 0.95 lb CO/mmBtu. Compliance with the emission limitation of 0.36 ton CO/yr shall be determined by multiplying the annual fuel limitation of 5,610 gal/yr by the heat content for diesel fuel, 0.1365 mmBtu/gal then by 0.95 lb/mmBtu and divided 2000lbs/ton.

If required, the permittee shall demonstrate compliance with the above hourly particulate emission limitation in accordance with the procedures specified in 40 CFR Part 60, Appendix A Method 10.

- 1.c Emission Limitation:  
1.07 lbs OC/hr, 0.14 ton OC/yr

**Applicable Compliance Method:**

Compliance with the emission limitation of 1.07 lbs OC/hr shall be determined by multiplying the maximum mmBtu/hr (2.97) by the AP-42, Table 3.3-1 emission factor for small stationary diesel engines of 0.36 lb OC/mmBtu. Compliance with the emission limitation of 0.14 ton OC/yr shall be determined by multiplying the annual fuel limitation of 5,610 gal/yr by the heat content for diesel fuel, 0.1365 mmBtu/gal then by 0.36 lb/mmBtu and divided 2000lbs/ton.

If required, the permittee shall demonstrate compliance with the above hourly particulate emission limitation in accordance with the procedures specified in 40 CFR Part 60, Appendix A Method 25.

- 1.d Emission Limitation:  
0.86 lb SO<sub>2</sub>/hr, 0.11 ton SO<sub>2</sub>/yr

**Applicable Compliance Method:**

Compliance with the emission limitation of 0.86 lb SO<sub>2</sub>/hr shall be determined by multiplying the maximum mmBtu/hr (2.97) by the AP-42, Table 3.3-1 emission factor for small stationary diesel engines of 0.29 lb SO<sub>2</sub>/mmBtu. Compliance with the emission limitation of 0.11ton SO<sub>2</sub>/yr shall be determined by multiplying the annual fuel limitation of 5,610 gal/yr by the heat content for diesel fuel, 0.1365 mmBtu/gal then by 0.29 lb/mmBtu and divided 2000lbs/ton.

If required, the permittee shall demonstrate compliance with the above hourly particulate emission limitation in accordance with the procedures specified in 40 CFR Part 60, Appendix A Method 6.

- 1.e Emission Limitation:  
13.11 lb NO<sub>x</sub>/hr, 1.66 tons NO<sub>x</sub>/yr

**Applicable Compliance Method:**

Compliance with the emission limitation of 0.86 lb SO<sub>2</sub>/hr shall be determined by multiplying the maximum mmBtu/hr (2.97) by the AP-42, Table 3.3-1 emission factor for small stationary diesel engines of 0.29 lb SO<sub>2</sub>/mmBtu. Compliance with the emission limitation of 0.11ton SO<sub>2</sub>/yr shall be determined by multiplying the annual fuel limitation of 5,610 gal/yr by the heat content for diesel fuel, 0.1365 mmBtu/gal then by 0.29 lb/mmBtu and divided 2000lbs/ton.

If required, the permittee shall demonstrate compliance with the above hourly particulate emission limitation in accordance with the procedures specified in 40 CFR Part 60, Appendix A Method 6.

- 1.f Emission Limitation:  
20 percent opacity, as a six-minute average, except as otherwise provided by rule

**Applicable Compliance Method:**

If required, the permittee shall demonstrate compliance with the above particulate emissions limitations in accordance with the procedures and methods specified in OAC rule 3745-17-03(B)(1).

- 1.g Emission Limitation:  
0.31 lb PE/mmBtu

**Applicable Compliance Method:**

Compliance shall be based upon AP-42 emission factor for large diesel fired stationary engines, Table 3.3-2.

**F. Miscellaneous Requirements**

None

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-08178

Facility ID: 0121019629

FACILITY NAME Liebert Corporation

FACILITY DESCRIPTION Varnish coating and power generating equipment. CITY/TWP Delaware

SIC CODE 3585 SCC CODE 4-02-014-31 EMISSIONS UNIT ID K004

EMISSIONS UNIT DESCRIPTION Varnish coating system, comprised of a dip tank and electrically heated oven

DATE INSTALLED 1/82

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds	attainment	0.83 lb/hr	3.15	0.83 lb/hr	3.15
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? \_\_\_\_\_ NESHAP? \_\_\_\_\_ PSD? \_\_\_\_\_ OFFSET POLICY? \_\_\_\_\_

**WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?**

**Enter Determination** compliance with applicable limits and overspray filter.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? no

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ \_\_\_\_\_

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED\*? \_\_\_\_\_ YES x NO \_\_\_\_\_

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-08178

Facility ID: 0121019629

FACILITY NAME Liebert Corporation

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FACILITY DESCRIPTION Varnish coating and power generating  
equipment.

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CITY/TWP Delaware

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IDENTIFY THE AIR CONTAMINANTS: none

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**NEW SOURCE REVIEW FORM B**

PTI Number: 01-08178

Facility ID: 0121019629

FACILITY NAME Liebert Corporation

FACILITY DESCRIPTION Varnish coating and power generating equipment. CITY/TWP Delaware

SIC CODE 3585 SCC CODE 1-01-005-01 EMISSIONS UNIT ID P010

EMISSIONS UNIT DESCRIPTION 3.0 mmBtu diesel fired generator

DATE INSTALLED 6/95

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate (lb/hr)	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	attainment	0.92	0.12	0.92	0.12
PM <sub>10</sub>					
Sulfur Dioxide	attainment	0.86	0.11	0.86	0.11
Organic Compounds	attainment	1.07	0.12	1.07	0.12
Nitrogen Oxides	attainment	13.11	1.66	13.11	1.66
Carbon Monoxide	attainment	2.82	0.36	2.82	0.36
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? \_\_\_\_\_ NESHAP? \_\_\_\_\_ PSD? \_\_\_\_\_ OFFSET POLICY? \_\_\_\_\_

**WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?**

**Enter Determination** compliance with limits and gallon restriction

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ \_\_\_\_\_

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED\*? \_\_\_\_\_ YES x NO

IDENTIFY THE AIR CONTAMINANTS: None

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-08178

Facility ID: 0121019629

FACILITY NAME Liebert Corporation

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FACILITY DESCRIPTION Varnish coating and power generating  
equipment.

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CITY/TWP Delaware

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**NEW SOURCE REVIEW FORM B**

PTI Number: 01-08178

Facility ID: 0121019629

FACILITY NAME Liebert Corporation

FACILITY DESCRIPTION Varnish coating and power generating equipment.

CITY/TWP Delaware

**Ohio EPA Permit to Install Information Form** Please describe below any documentation which is being submitted with this recommendation (must be sent the same day). Electronic items should be submitted with the e-mail transmitting the PTI terms, and in software that CO can utilize. If mailing any hard copy, this section must be printed as a cover page. All items must be clearly labeled indicating the PTI name and number. Submit **hard copy items to Pam McGraner**, AQM&P, DAPC, Central Office, and electronic files to **airpti@epa.state.oh.us**

<i>Please fill out the following. If the checkbox does not work, replace it with an 'X'</i>	<u>Electronic</u>	<u>Additional information File Name Convention (your PTI # plus this letter)</u>	<u>Hard Copy</u>	<u>None</u>
<u>Calculations (required)</u>	<input type="checkbox"/>	0000000c.wpd	<input checked="" type="checkbox"/>	
<u>Modeling form/results</u>	<input type="checkbox"/>	0000000s.wpd	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>PTI Application (complete or partial)*</u>	<input type="checkbox"/>	0000000a.wpd	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>BAT Study</u>	<input type="checkbox"/>	0000000b.wpd	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>Other/misc.</u>	<input type="checkbox"/>	0000000t.wpd	<input checked="" type="checkbox"/>	<input type="checkbox"/>

\* Mandatory for netting, PSD, nonattainment NSR, 112(g), 21-07(G)(9)(g) and 21-09(U)(2)(f) - 2 complete copies.

Please complete (see comment bubble to the left for additional instructions):

NSR Discussion

NONE

Please complete for these type permits (For PSD/NSR Permit, place mouse over this text):

**Synthetic Minor Determination and/or**  **Netting Determination**  
Permit To Install **ENTER PTI NUMBER HERE**

- A. Source Description
- B. Facility Emissions and Attainment Status
- C. Source Emissions
- D. Conclusion

PLEASE PROVIDE ADDITIONAL NOTES OR COMMENTS AS NECESSARY:

NONE

Please complete:

**SUMMARY** (for informational purposes only)  
**TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

Pollutant

Tons Per Year

PE

0.12

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-08178

Facility ID: 0121019629

FACILITY NAME Liebert Corporation

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FACILITY DESCRIPTION	Varnish coating and power generating equipment.	CITY/TWP	Delaware
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VOC	3.27
NOx	1.66
SO2	0.11
CO	0.36