



State of Ohio Environmental Protection Agency

RE: FINAL PERMIT TO INSTALL CERTIFIED MAIL
STARK COUNTY

Street Address:

122 S. Front Street

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049

Application No: 15-01405

DATE: 5/24/00

Grand Eagle Services
James Depew
800 Nave Road SE
Massillon, OH 44646

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

Canton LAA



STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

Permit To Install

Issue Date: 5/24/00

FINAL PERMIT TO INSTALL 15-01405

Application Number: 15-01405
APS Premise Number: 1576131884
Permit Fee: **\$400**
Name of Facility: Grand Eagle Services
Person to Contact: James Depew
Address: 800 Nave Road SE
Massillon, OH 44646

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

**800 Nave Road SE
Massillon, Ohio**

Description of proposed emissions unit(s):

Paint spray booth and a resin dip tank for coating motors and generators.

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

Grand Eagle Services
PTI Application: 15-01405
Issued: 5/24/00

Facility ID: 1576131884

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>
VOC	10

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>
Paint spray booth with exhaust filter system used to coat motors and generators; Company ID: Large Paint Booth	OAC rule 3745-31-05(A)(3)	VOC emissions shall not exceed: 5.74 pounds/hour and 5 tons/year The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A)(1), 3745-17-11, and 3745-21-09(U)(1)9c. See sections A.2.a. and A.2.b. below.
	OAC rule 3745-17-07(A)	Visible emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-11(A)(2)	Particulate emissions shall not exceed 0.551 lb/hour See section A.2.c. below.
	OAC 3745-21-09(U)(1)(c)	See section A.2.d. below.

2. Additional Terms and Conditions

- 2a. Annual cleanup material usage is limited to 100 gallons per year. The VOC content of each cleanup material employed is limited to 8 pounds per gallon.
- 2b. No hourly record keeping will be required to show compliance with the emission limit of

5.74 lbs VOC/hour because this limit represents the maximum potential to emit for this emissions unit.

- 2c.** The permittee shall operate and maintain the exhaust filter system in accordance with the manufacturer's recommendations, instructions and operating manual(s).
- 2d.** The permittee shall not use more than 10 gallons of coating per day in this emissions unit. This coating line is exempt from the requirements of OAC rule 3745-21-09(U) if this coating line never employs more than 10 gallons of coating in any day.

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

- 1. The permittee shall collect and record the following information each day for the coating line:
 - a. the name and identification number of each coating employed;
 - b. the volume, in gallons, of each coating employed; and,
 - c. the total volume, in gallons, of all of the coatings employed.
- 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 number of gallons of each cleanup material employed;
 - c. the VOC content of each cleanup material, in pounds per gallon;
 - d. the VOC content of each coating, as applied, in pounds per gallon; and,
 - e. the total VOC emissions from all coatings and cleanup materials employed, in pounds or tons.

D. Reporting Requirements

1. The permittee shall notify the Canton local air agency in writing of any daily record showing that the coating line employs more than the applicable maximum daily coating usage limit. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 45 days after the exceedance occurs.
2. The permittee also shall submit annual reports which specify 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 submit a deviation (excursion) report showing the following information:
 - a. any exceedances of the limit of 100 gallons of cleanup material usage in any calendar year; and,
 - b. the use of any cleanup material with a VOC content of more than 8 lbs VOC/gallon.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation:
Visible particulate emissions from the stack servicing this emissions unit shall not exceed twenty percent opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
Compliance shall be determined by visible emission evaluations performed in accordance with procedures specified in OAC rule 3745-17-03 (B)(1) using the methods and procedures specified in USEPA Reference Method 9.
 - b. Emission Limitation:
0.551 lb PM/hr

Applicable Compliance Method:
To determine the actual worst case emission rate for particulate matter (PM), the following equation shall be used:

Emissions Unit ID: **K001**

$E = \text{maximum coating usage rate (in pounds per hour)} \times (1-TE) \times (1-CE)$

$E = \text{particulate matter emissions rate (lbs/hr)}$

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used

CE = control efficiency of the control equipment

- c. Emission Limitation:
5.74 lbs VOC/hr

Applicable Compliance Method:

Daily record keeping is not required because this limit represents the VOC emissions when this emissions unit is operating at maximum capacity.

- d. Emission Limitation:
5 tons VOC/hr

Applicable Compliance Method:

Annual record keeping as required in section C.2.

- e. Emission Limitation
100 gallons of cleanup material per year

Applicable Compliance Method

Annual record keeping as required in section C.2.

- f. Emission Limitation
8 lbs VOC/gallon for cleanup materials

Applicable Compliance Method

Annual record keeping as required in section C.2.

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 required the permittee to apply for and obtain a new permit to install.

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**Grand
PTI A**

Issued: 5/24/00

Emissions Unit ID: **K001**

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>
Dip tank to coat motors and generators with clear coat resin; Company ID: Resin Application - VPI	OAC rule 3745-31-05	Vinyl toluene emissions shall not exceed 10 lbs/hour
	OAC rule 3745-31-05(A)(3)	VOC emissions shall not exceed: 15 lbs/hour and 5 tons/year
	OAC rule 3745-21-09(U)(1)(a)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(a). See section A.2.a below. 4.3 lbs VOC/gallon coating excluding water and exempt solvents

2. **Additional Terms and Conditions**

- 2a. The permittee is limited to using no more than 50 gallons of cleanup solvent per year in this emissions unit. The VOC content of each cleanup material employed is limited to 8 pounds per gallon.

B. Operational Restrictions

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Grand

PTI A

Issued: 5/24/00

Emissions Unit ID: **K002**

None

C. Monitoring and/or Recordkeeping Requirements

1. The permit to install for this emissions unit K002 was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The following input parameters were used:
 - a. Source type = Point
 - b. Emission rate = 1.26 grams/second (10 lbs/hr)
 - c. Stack height = 10.46 meters (34 ft.)
 - d. Stack inside diameter = 0.1 meters (4 inches)
 - e. Stack exit velocity = 60 meters/second
 - f. Stack gas exit temp. = 293 degrees Kelvin
 - g. Rural
 - h. Building Ht. = 9.85 meters (32 feet)
 - i. Nearest property line = 62 meters (200 feet)

The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model. using the SCREEN 3.0 model and comparing The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for "worst case" pollutant:

Pollutant: vinyl toluene

TLV (ug/m3): 242,000

Maximum Hourly Emission Rate (lbs/hr): 10 lbs/hour

Predicted 1-Hour Maximum Ground-Level

Concentration (ug/m3): 1,664

MAGLC (ug/m3): 5,760

Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

- a. changes in the composition of the materials used (typically for coatings or cleanup materials) or the use of new 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 previously modeled;
- b. changes in the composition of the materials used, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that is proposed in the application and modeled; and,
- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the "Air Toxic Policy" will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (V)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

- a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
- b. documentation of its evaluation and determination that changed emissions unit still satisfies the "Air Toxic Policy"; and,
- c. where computer modeling is performed, a copy of the resulting computer model runs that show

the results of the application of the "Air Toxic Policy" for the change.

2. The permittee shall collect and record the following information each day 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;
 - c. the vinyl toluene content of each coating, as applied;
 - d. the number of gallons (excluding water and exempt solvents) of each coating employed;
 - e. the name and identification of each cleanup material employed;
 - f. the VOC content of each cleanup material, in pounds per gallon;
 - g. the number of gallons of each cleanup material employed;
 - h. the name and identification of each solvent added to maintain the viscosity of the coating;
 - i. the VOC content of each solvent added to maintain the viscosity of the coating, in pounds per gallon;
 - j. the number of gallons of each solvent added to maintain the viscosity of the coating employed;
 - k. the total VOC emissions from all coatings, cleanup materials, and solvents added to maintain the viscosity of the coating employed, in pounds or tons;
 - l. the total vinyl toluene emissions from all coatings, cleanup materials, and solvents added to maintain the viscosity of the coating employed, in pounds or tons;
 - m. the number of hours the line was in production;
 - n. the hourly average of VOC emissions (lbs/hr) [divide C.2.k by C.2.m]; and,
 - o. the hourly average of vinyl toluene emissions (lbs/hr) [divide C.2.l by C.2.m].
3. The permittee shall maintain annual records that list the following information for this line:

- a. the annual amount of cleanup materials employed; and,
- b. the annual VOC emissions from all coatings, solvents added to maintain the viscosity of the coating cleanup materials.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify any exceedances of the following:
 - a. the allowable emission limitation of 15 lbs VOC/hr;
 - b. the allowable emissions limitation of 10 lbs vinyl toluene/hr;
 - c. the allowable emissions limitation of 5 tons VOC/yr;
 - d. the allowable cleanup solvent usage of 100 gallons per year;
 - e. the allowable VOC content of any cleanup solvent employed of 8 lbs VOC/gallon;
 - f. the allowable VOC content of any coating employed of 4.3 lbs VOC/gallon coating excluding water and exempt solvents;

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1 of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation:
4.3 lbs VOC/gallon coating excluding water and exempt solvents

Applicable Compliance Method:

Any determination of the VOC content, solids content, or density of coating and/or cleanup material shall be based on the coating/cleanup material as applied, including the addition of any thinner or viscosity reduced to the coating/cleanup material. The permittee shall determine the composition of the coating/cleanup material by formulation data supplied by the manufacturer of the coating/cleanup material, or from data determined by an analysis of each coating/cleanup material, as received, by Reference Method 24. The Ohio EPA may require the permittee, if it uses formulation data supplied by the manufacturer, to determine data used in the calculation of the VOC

content of the coating/cleanup material by Reference Method 24 or an equivalent or alternative method.

- b. Emission Limitation
15 lbs VOC/hour

Applicable Compliance Method

The record keeping requirements in section C.2 shall be used to demonstrate compliance with the emission limitation.

- c. Emission Limitation
10 lbs vinyl toluene/hour

Applicable Compliance Method:

The record keeping requirements in section C.2 shall be used to demonstrate compliance with the emission limitation.

- d. Emission Limitation:
The VOC content of each cleanup material employed is limited to 8 pounds per gallon.

Applicable Compliance Method

The record keeping requirements in section C.2 shall be used to demonstrate compliance with the limitation.

- e. Emission Limitation:
5 tons VOC/year

Applicable Compliance Method

The record keeping requirements in section C.3 shall be used to demonstrate compliance with the emission limitation.

- f. Emission limitation
50 gallons cleanup material per year

Applicable Compliance Method

The record keeping requirements in section C.3 shall be used to demonstrate compliance with the emission limitation.

F. Miscellaneous Requirements

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Grand

PTI A

Issued: 5/24/00

Emissions Unit ID: **K002**

None

NEW SOURCE REVIEW FORM B

PTI Number: 15-01405 Facility ID: 1576131884

FACILITY NAME Grand Eagle Services.

FACILITY DESCRIPTION electric motor mfg. CITY/TWP Massillon (city)

SIC CODE 7694 SCC CODE 40202501 EMISSIONS UNIT ID K001

EMISSIONS UNIT DESCRIPTION Paint spray booth Company ID Large paint booth

DATE INSTALLED 1992

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	Attainment			0.551 lb/hr	2.41
PM ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment			5.74 lbs/hr	5
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 OAC rule 3745-21-09(U) exhaust filters for overspray limit on cleanup solvent usage

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*? X YES NO

IDENTIFY THE AIR CONTAMINANTS: Xylene and acetone

2 NEW SOURCE REVIEW FORM B

PTI Number: 15-01405 Facility ID: 1576131884

FACILITY NAME Grand Eagle Services

FACILITY DESCRIPTION electric motor mfg.

CITY/TWP Massillon (city)

Emissions Unit ID: **K002**

SIC CODE 7694 SCC CODE 40202501 EMISSIONS UNIT ID K002

EMISSIONS UNIT DESCRIPTION Resin dip tank Company ID Resin application - VPI

DATE INSTALLED 1992

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 ₁₀					
Sulfur Dioxide					
Organic Compounds	Attainment			15 lbs/hr	5
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 OAC rule 3745-21-09(U) and limit of the amount of cleanup solvent

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? Yes

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*? X YES NO

IDENTIFY THE AIR CONTAMINANTS: vinyl toluene