



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL  
SUMMIT COUNTY**

**CERTIFIED MAIL**

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: 16-02421**

**Fac ID: 1677010157**

**DATE: 9/20/2005**

Hayes Lemmerz International Akron LLC  
David Yarberry  
428 Seiberling St  
Akron, OH 443063282

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  
309 South Fourth Street, Room 222  
Columbus, Ohio 43215

Sincerely,

Michael W. Ahern, Manager  
Permit Issuance and Data Management Section  
Division of Air Pollution Control

CC: USEPA

ARAQMD



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**Permit To Install  
Terms and Conditions**

**Issue Date: 9/20/2005  
Effective Date: 9/20/2005**

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**FINAL PERMIT TO INSTALL 16-02421**

Application Number: 16-02421  
Facility ID: 1677010157  
Permit Fee: **\$3500**  
Name of Facility: Hayes Lemmerz International Akron LLC  
Person to Contact: David Yarberry  
Address: 428 Seiberling St  
Akron, OH 443063282

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**428 Seiberling St  
Akron, Ohio**

Description of proposed emissions unit(s):  
**Surface Coating Operations.**

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

Hayes Lemmerz International Akron LLC  
PTI Application: 16-02421  
Issued: 9/20/2005

Facility ID: 1677010157

## 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

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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)**

**Hayes Lemmerz International Akron LLC**  
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**Issued: 9/20/2005**

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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 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.

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**Issued: 9/20/2005**

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**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

Emissions Unit ID: **K003**

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 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>
VOCs	33.3

**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>
<p>K003 (EDP Pretreat) miscellaneous metal parts coating line that does not employ volatile organic compound (VOC) controls, and is used for the following applications: extreme performance, exterior steel pail/drum, or any other coating dried at less than 200 degrees F. Drying ovens must be less than 10 MMBTU/hr and be fired with only natural gas.</p>	<p>OAC rule 3745-31-05(A)(3)</p> <p>OAC rule 3745-21-09(U)(1)</p>	<p>VOC emissions shall not exceed 4.07 pounds per hour and 17.8 tons per year.</p> <p>The requirements established pursuant to this rule also include the requirements of OAC rule 3745-21-09(U)(1).</p> <p>The VOC content of the coatings employed shall not exceed a daily volume-weighted average of 3.5 lbs per gallon, as applied, excluding water and exempt solvents.</p>

Note: this emissions unit is existing equipment that was formerly listed as part of the EDP Line (K002) and was administratively removed from K002 to facilitate compliance demonstration. This permit action does not increase facility emissions or compromise the federally enforceable state operating permit (FESOP), for which a renewal application was submitted August 23, 2005.

## **2. Additional Terms and Conditions**

- 2.a** The hourly and yearly VOC emission limits established pursuant to OAC rule 3745-31-05(A)(3) reflect the potential to emit for this emissions unit. Therefore, no monitoring, record keeping, or reporting requirements are necessary to ensure ongoing compliance with these emission limits.

However, the permittee shall apply for and, if required, obtain a final permit to install prior to equipment replacement or any proposed modification of equipment or production procedures, or any other change that would increase the potential emissions of any air pollutant.

- 2.b** As a way to reduce air emissions, all liquid organic materials shall be properly identified and held in tightly closed containers at all times when not in use or waiting for appropriate off-site disposal.

## **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 VOC content (excluding water and exempt solvents) of each coating, as applied.
  - c. The number of gallons (excluding water and exempt solvents) of each coating, as applied.
  - d. The daily volume-weighted average VOC content of all the coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.

Note: If the VOC content of each of the coatings employed during a day is less than 3.5 lbs per gallon, as applied, excluding water and exempt solvents, the daily volume-weighted average VOC content record is not required for that day.

2. The permit to install for this emissions unit was evaluated based on the actual process materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxics 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 (or other Ohio EPA approved model). 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 the "worst case" pollutant(s):

Pollutant: toluene (CAS 108-88-3)

TLV (ug/m3): 188,000

Maximum Hourly Emission Rate (lbs/hr): 2.46

Predicted 1-Hour Maximum Ground-Level Concentration at 86 m (ug/m3): 1763

MAGLC (ug/m3): 4476

3. 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 Toxics 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 Toxics Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxics Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxics Policy" include the following:
  - i. changes in the composition of the materials used (process materials and 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 value previously modeled;
  - ii changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and
  - iii 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 Toxics 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 (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

4. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the emissions unit, if changed as outlined above, will still satisfy the "Air Toxics 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 the changed emissions unit still satisfies the "Air Toxics 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 Toxics Policy" for the change.

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

1. The permittee shall notify the Director (appropriate District Office or local air agency) in writing of each daily record showing a daily volume-weighted average greater than 3.5 pounds VOC per gallon, as applied, excluding water and exempt solvents. The notification shall include a copy of such record and shall be sent to the Director (appropriate District Office or local air agency) within 30 days after the exceedance occurs.

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

1. Compliance with the emission limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:
  - a. Emissions Limitation: daily volume-weighted average of 3.5 lbs VOC per gallon, as applied, excluding water and exempt solvents  
  
Applicable Compliance Method:  
Compliance shall be based upon the record keeping specified in Section C.1.
  - b. Emissions Limitation: VOC emissions shall not exceed 4.07 pounds per hour and 17.8 tons per year.

Applicable Compliance Method: The above emissions limitations were established based on the following company-specified process/emissions data:

$$H = CV; \text{ and}$$
$$Y = H(8760 \text{ hours/year})(1 \text{ ton}/2000 \text{ pounds}),$$

Where:

H = 4.07 pounds/hour of VOCs [average hourly potential emissions];  
Y = 17.8 tons/year of VOCs [yearly potential emissions];  
C = 102 pounds/hour of coating applied [average hourly potential coating application]; and  
V = 0.04 VOC weight fraction of coating.

**Hayes Lemmerz International Akron LLC**

**PTI Application: 16-02121**

**Issue:**

**Facility ID: 1677010157**

**Emissions Unit ID: K003**

2. In accordance with OAC rule 3745-21-04(B)(5), facilities located in Ashtabula, Butler, Clark, Clermont, Cuyahoga, Delaware, Franklin, Geauga, Greene, Hamilton, Lake, Licking, Lorain, Lucas, Mahoning, Medina, Miami, Montgomery, Portage, Stark, Summit, Trumbull, Warren and Wood Counties shall use USEPA Method 24 to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

Facilities located in all other counties shall use USEPA Method 24 or formulation data to determine the VOC contents of the coatings.

US EPA Method 24 or formulation data shall be used to determine the VOC contents of the cleanup materials.

#### **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>	which a renewal application was submitted August 23, 2005.	<u>Applicable Rules/Requirements</u>
<p>K004 (EDP Touchup 1) miscellaneous metal parts coating line that does not employ volatile organic compound (VOC) controls, and is used for the following applications: extreme performance, exterior steel pail/drum, or any other coating dried at less than 200 degrees F. Drying ovens must be less than 10 MMBTU/hr and be fired with only natural gas.</p>		OAC rule 3745-31-05(A)(3)
<p>Note: this emissions unit is existing equipment that was formerly listed as part of the EDP Line (K002) and was administratively removed from K002 to facilitate compliance demonstration. This permit action does not increase facility emissions or compromise the federally enforceable state operating permit (FESOP), for</p>		OAC rule 3745-21-09(U)(1)

Applicable Emissions  
Limitations/Control Measures

VOC emissions shall not exceed 0.883 pound per hour and 3.87 tons per year.

The permittee shall employ a filtered spray booth exhaust system that effectively controls paint overspray at all times the emissions unit is in operation.

The requirements established pursuant to this rule also include the requirements of OAC rule 3745-21-09(U)(1).

The VOC content of the coatings employed shall not exceed a daily volume-weighted average of 3.5 lbs per gallon, as applied, excluding water and exempt solvents.

**2. Additional Terms and Conditions**

- 2.a** The hourly and yearly VOC emission limits established pursuant to OAC rule 3745-31-05(A)(3) reflect the potential to emit for this emissions unit. Therefore, no monitoring, record keeping, or reporting requirements are necessary to ensure ongoing compliance with these emission limits.

However, the permittee shall apply for and, if required, obtain a final permit to install prior to equipment replacement or any proposed modification of equipment or production procedures, or any other change that would increase the potential emissions of any air pollutant.

**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 VOC content (excluding water and exempt solvents) of each coating, as applied.
  - c. The number of gallons (excluding water and exempt solvents) of each coating, as applied.
  - d. The daily volume-weighted average VOC content of all the coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.

Note: If the VOC content of each of the coatings employed during a day is less than 3.5 lbs per gallon, as applied, excluding water and exempt solvents, the daily volume-weighted average VOC content record is not required for that day.

2. The permit to install for this emissions unit was evaluated based on the actual process materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxics 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 (or other Ohio EPA approved model). 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 the "worst case" pollutant(s):

Pollutant: toluene (CAS 108-88-3)  
TLV (ug/m3): 188,000

Maximum Hourly Emission Rate (lbs/hr): 0.227

Predicted 1-Hour Maximum Ground-Level Concentration at 86 m (ug/m3): 163

MAGLC (ug/m3): 4476

3. 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 Toxics 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 Toxics Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxics Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxics Policy" include the following:
  - iv. changes in the composition of the materials used (process materials and 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 value previously modeled;
  - ii changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and
  - iii 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 Toxics 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 (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.
4. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the emissions unit, if changed as outlined above, will still satisfy the "Air Toxics 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 the changed emissions unit still satisfies the "Air Toxics 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 Toxics Policy" for the change.

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

1. The permittee shall notify the Director (appropriate District Office or local air agency) in writing of each daily record showing a daily volume-weighted average greater than 3.5 pounds VOC per gallon, as applied, excluding water and exempt solvents. The notification shall include a copy of such record and shall be sent to the Director (appropriate District Office or local air agency) within 30 days after the exceedance occurs.

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

1. Compliance with the emission limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:
  - a. Emissions Limitation:  
daily volume-weighted average of 3.5 lbs VOC per gallon, as applied, excluding water and exempt solvents  
  
Applicable Compliance Method:  
Compliance shall be based upon the record keeping specified in Section C.1.
  - b. Emissions Limitation:  
VOC emissions shall not exceed 0.883 pound per hour and 3.87 tons per year.  
  
Applicable Compliance Method: The above emissions limitations were established based on the following company-specified process/emissions data:

$H = CV + D$ ; and

$Y = H(8760 \text{ hours/year})(1 \text{ ton}/2000 \text{ pounds}),$

Where:

**Hayes Lemmerz International Akron LLC****PTI Application: 16-02121****Issue:****Facility ID: 1677010157****Emissions Unit ID: K005**

H = 0.883 pounds/hour of VOCs [average hourly potential emissions];

Y = 3.87 tons/year of VOCs [yearly potential emissions];

C = 2.96 pounds/hour of coating used [average hourly potential coating usage];

V = 0.2651 [VOC weight fraction of coating]; and

D = 0.097 pound/hour [average hourly potential cleanup solvent usage].

2. In accordance with OAC rule 3745-21-04(B)(5), facilities located in Ashtabula, Butler, Clark, Clermont, Cuyahoga, Delaware, Franklin, Geauga, Greene, Hamilton, Lake, Licking, Lorain, Lucas, Mahoning, Medina, Miami, Montgomery, Portage, Stark, Summit, Trumbull, Warren and Wood Counties shall use USEPA Method 24 to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

Facilities located in all other counties shall use USEPA Method 24 or formulation data to determine the VOC contents of the coatings.

US EPA Method 24 or formulation data shall be used to determine the VOC contents of the cleanup materials.

#### **F. Miscellaneous Requirements**

NONE

Hayes

PTI A

Issued: 9/20/2005

Emissions Unit ID: K005

**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>	was submitted August 23, 2005.	<u>Applicable Rules/Requirements</u>
<p>K005 (EDP Touchup 2) miscellaneous metal parts coating line that does not employ volatile organic compound (VOC) controls, and is used for the following applications: extreme performance, exterior steel pail/drum, or any other coating dried at less than 200 degrees F. Drying ovens must be less than 10 MMBTU/hr and be fired with only natural gas.</p>		OAC rule 3745-31-05(A)(3)
<p>Note: this emissions unit is existing equipment that was formerly listed as part of the EDP Line (K002) and was administratively removed from K002 to facilitate compliance demonstration. This permit action does not increase facility emissions or compromise the federally enforceable state operating permit (FESOP), for which a renewal application</p>		OAC rule 3745-21-09(U)(1)

Applicable Emissions  
Limitations/Control Measures

VOC emissions shall not exceed 0.883 pound per hour and 3.87 tons per year.

The permittee shall employ a filtered spray booth exhaust system that effectively controls paint overspray at all times the emissions unit is in operation.

The requirements established pursuant to this rule also include the requirements of OAC rule 3745-21-09(U)(1).

The VOC content of the coatings employed shall not exceed a daily volume-weighted average of 3.5 lbs per gallon, as applied, excluding water and exempt solvents.

**2. Additional Terms and Conditions**

- 2.a** The hourly and yearly VOC emission limits established pursuant to OAC rule 3745-31-05(A)(3) reflect the potential to emit for this emissions unit. Therefore, no monitoring, record keeping, or reporting requirements are necessary to ensure ongoing compliance with these emission limits.

However, the permittee shall apply for and, if required, obtain a final permit to install prior to equipment replacement or any proposed modification of equipment or production procedures, or any other change that would increase the potential emissions of any air pollutant.

**B. Operational Restrictions**

Hayes Lemmerz International Akron LLC  
PTI Application: 16-02121  
Issue:

Facility ID: 1677010157

Emissions Unit ID: K005

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 VOC content (excluding water and exempt solvents) of each coating, as applied.
  - c. The number of gallons (excluding water and exempt solvents) of each coating, as applied.
  - d. The daily volume-weighted average VOC content of all the coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.

Note: If the VOC content of each of the coatings employed during a day is less than 3.5 lbs per gallon, as applied, excluding water and exempt solvents, the daily volume-weighted average VOC content record is not required for that day.

2. The permit to install for this emissions unit was evaluated based on the actual process materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxics 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 (or other Ohio EPA approved model). 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 the "worst case" pollutant(s):

Pollutant: toluene (CAS 108-88-3)  
TLV (ug/m3): 188,000

Maximum Hourly Emission Rate (lbs/hr): 0.227

Predicted 1-Hour Maximum Ground-Level Concentration at 86 m (ug/m3): 163

MAGLC (ug/m3): 4476

3. 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 Toxics 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 Toxics Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxics Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxics Policy" include the following:
  - vii. changes in the composition of the materials used (process materials and 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 value previously modeled;
  - ii changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and
  - iii 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 Toxics 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 (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.
4. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the emissions unit, if changed as outlined above, will still satisfy the "Air Toxics Policy:"

Emissions Unit ID: **K005**

- 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 the changed emissions unit still satisfies the "Air Toxics 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 Toxics Policy" for the change.

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

1. The permittee shall notify the Director (appropriate District Office or local air agency) in writing of each daily record showing a daily volume-weighted average greater than 3.5 pounds VOC per gallon, as applied, excluding water and exempt solvents. The notification shall include a copy of such record and shall be sent to the Director (appropriate District Office or local air agency) within 30 days after the exceedance occurs.

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

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

- a. Emissions Limitation:  
daily volume-weighted average of 3.5 lbs VOC per gallon, as applied, excluding water and exempt solvents

Applicable Compliance Method:

Compliance shall be based upon the record keeping specified in Section C.1.

- b. Emissions Limitation:  
VOC emissions shall not exceed 0.883 pound per hour and 3.87 tons per year.

Applicable Compliance Method: The above emissions limitations were established based on the following company-specified process/emissions data:

$H = CV + D$ ; and

$Y = H(8760 \text{ hours/year})(1 \text{ ton}/2000 \text{ pounds})$ ,

Where:

**Hayes****PTI A****Issued: 9/20/2005**Emissions Unit ID: **K006**

H = 0.883 pounds/hour of VOCs [average hourly potential emissions];  
Y = 3.87 tons/year of VOCs [yearly potential emissions];  
C = 2.96 pounds/hour of coating used [average hourly potential coating usage];  
V = 0.2651 [VOC weight fraction of coating]; and  
D = 0.097 pound/hour [average hourly potential cleanup solvent usage].

2. In accordance with OAC rule 3745-21-04(B)(5), facilities located in Ashtabula, Butler, Clark, Clermont, Cuyahoga, Delaware, Franklin, Geauga, Greene, Hamilton, Lake, Licking, Lorain, Lucas, Mahoning, Medina, Miami, Montgomery, Portage, Stark, Summit, Trumbull, Warren and Wood Counties shall use USEPA Method 24 to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

Facilities located in all other counties shall use USEPA Method 24 or formulation data to determine the VOC contents of the coatings.

US EPA Method 24 or formulation data shall be used to determine the VOC contents of the cleanup materials.

#### **F. Miscellaneous Requirements**

NONE

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

### A. Applicable Emissions Limitations and/or Control Requirements

- 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>
<p>K006 (Powder Coating Touchup 1) miscellaneous metal parts coating line that does not employ volatile organic compound (VOC) controls, and is used for the following applications: extreme performance, exterior steel pail/drum, or any other coating dried at less than 200 degrees F. Drying ovens must be less than 10 MMBTU/hr and be fired with only natural gas.</p>	<p>OAC rule 3745-31-05(A)(3)</p>	<p>VOC emissions shall not exceed 0.883 pound per hour and 3.87 tons per year.</p> <p>The permittee shall employ a filtered spray booth exhaust system that effectively controls paint overspray at all times the emissions unit is in operation.</p>
<p>Note: This permit action does not compromise the federally enforceable state operating permit (FESOP), for which a renewal application was submitted August 23, 2005.</p>	<p>OAC rule 3745-21-09(U)(1)</p>	<p>The requirements established pursuant to this rule also include the requirements of OAC rule 3745-21-09(U)(1).</p> <p>The VOC content of the coatings employed shall not exceed a daily volume-weighted average of 3.5 lbs per gallon, as applied, excluding water and exempt solvents.</p>

### 2. Additional Terms and Conditions

- The hourly and yearly VOC emission limits established pursuant to OAC rule

Emissions Unit ID: **K006**

3745-31-05(A)(3) reflect the potential to emit for this emissions unit. Therefore, no monitoring, record keeping, or reporting requirements are necessary to ensure ongoing compliance with these emission limits.

However, the permittee shall apply for and, if required, obtain a final permit to install prior to equipment replacement or any proposed modification of equipment or production procedures, or any other change that would increase the potential emissions of any air pollutant.

## **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 VOC content (excluding water and exempt solvents) of each coating, as applied.
  - c. The number of gallons (excluding water and exempt solvents) of each coating, as applied.
  - d. The daily volume-weighted average VOC content of all the coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.

Note: If the VOC content of each of the coatings employed during a day is less than 3.5 lbs per gallon, as applied, excluding water and exempt solvents, the daily volume-weighted average VOC content record is not required for that day.

2. The permit to install for this emissions unit was evaluated based on the actual process materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxics 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 (or other Ohio EPA approved model). 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 the "worst case" pollutant(s):

Pollutant: toluene (CAS 108-88-3)

TLV (ug/m3): 188,000

Maximum Hourly Emission Rate (lbs/hr): 0.227

Predicted 1-Hour Maximum Ground-Level Concentration at 86 m (ug/m3): 163

MAGLC (ug/m3): 4476

3. 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 Toxics 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 Toxics Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxics Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxics Policy" include the following:
  - x. changes in the composition of the materials used (process materials and 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 value previously modeled;
  - ii changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and
  - iii 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 Toxics 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 (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

4. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the emissions unit, if changed as outlined above, will still satisfy the "Air Toxics 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 the changed emissions unit still satisfies the "Air Toxics 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 Toxics Policy" for the change.

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

1. The permittee shall notify the Director (appropriate District Office or local air agency) in writing of each daily record showing a daily volume-weighted average greater than 3.5 pounds VOC per gallon, as applied, excluding water and exempt solvents. The notification shall include a copy of such record and shall be sent to the Director (appropriate District Office or local air agency) within 30 days after the exceedance occurs.

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

1. Compliance with the emission limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:
  - a. Emissions Limitation:  
daily volume-weighted average of 3.5 lbs VOC per gallon, as applied, excluding water and exempt solvents  
  
Applicable Compliance Method:  
Compliance shall be based upon the record keeping specified in Section C.1.
  - b. Emissions Limitation:  
VOC emissions shall not exceed 0.883 pound per hour and 3.87 tons per year.  
  
Applicable Compliance Method: The above emissions limitations were

established based on the following company-specified process/emissions data:

$$H = CV + D; \text{ and}$$
$$Y = H(8760 \text{ hours/year})(1 \text{ ton}/2000 \text{ pounds}),$$

Where:

$$H = 0.883 \text{ pounds/hour of VOCs [average hourly potential emissions];}$$
$$Y = 3.87 \text{ tons/year of VOCs [yearly potential emissions];}$$
$$C = 2.96 \text{ pounds/hour of coating used [average hourly potential coating usage];}$$
$$V = 0.2651 \text{ [VOC weight fraction of coating]; and}$$
$$D = 0.097 \text{ pound/hour [average hourly potential cleanup solvent usage].}$$

2. In accordance with OAC rule 3745-21-04(B)(5), facilities located in Ashtabula, Butler, Clark, Clermont, Cuyahoga, Delaware, Franklin, Geauga, Greene, Hamilton, Lake, Licking, Lorain, Lucas, Mahoning, Medina, Miami, Montgomery, Portage, Stark, Summit, Trumbull, Warren and Wood Counties shall use USEPA Method 24 to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

Facilities located in all other counties shall use USEPA Method 24 or formulation data to determine the VOC contents of the coatings.

US EPA Method 24 or formulation data shall be used to determine the VOC contents of the cleanup materials.

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**Hayes**

**PTI A**

**Issued: 9/20/2005**

Emissions Unit ID: **K007**

**F. Miscellaneous Requirements**

NONE

Hayes

PTI A

Issued: 9/20/2005

Emissions Unit ID: K007

**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>
<p>K007 (Powder Coating Touchup 2) miscellaneous metal parts coating line that does not employ volatile organic compound (VOC) controls, and is used for the following applications: extreme performance, exterior steel pail/drum, or any other coating dried at less than 200 degrees F. Drying ovens must be less than 10 MMBTU/hr and be fired with only natural gas.</p>	OAC rule 3745-31-05(A)(3)	<p>VOC emissions shall not exceed 0.883 pound per hour and 3.87 tons per year.</p>
<p>Note: This permit action does not compromise the federally enforceable state operating permit (FESOP), for which a renewal application was submitted August 23, 2005.</p>	OAC rule 3745-21-09(U)(1)	<p>The permittee shall employ a filtered spray booth exhaust system that effectively controls paint overspray at all times the emissions unit is in operation.</p> <p>The requirements established pursuant to this rule also include the requirements of OAC rule 3745-21-09(U)(1).</p> <p>The VOC content of the coatings employed shall not exceed a daily volume-weighted average of 3.5 lbs per gallon, as applied, excluding water and exempt solvents.</p>

**2. Additional Terms and Conditions**

- 2.a The hourly and yearly VOC emission limits established pursuant to OAC rule 3745-31-05(A)(3) reflect the potential to emit for this emissions unit. Therefore,

no monitoring, record keeping, or reporting requirements are necessary to ensure ongoing compliance with these emission limits.

However, the permittee shall apply for and, if required, obtain a final permit to install prior to equipment replacement or any proposed modification of equipment or production procedures, or any other change that would increase the potential emissions of any air pollutant.

## **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 VOC content (excluding water and exempt solvents) of each coating, as applied.
  - c. The number of gallons (excluding water and exempt solvents) of each coating, as applied.
  - d. The daily volume-weighted average VOC content of all the coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.

Note: If the VOC content of each of the coatings employed during a day is less than 3.5 lbs per gallon, as applied, excluding water and exempt solvents, the daily volume-weighted average VOC content record is not required for that day.

2. The permit to install for this emissions unit was evaluated based on the actual process materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxics 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 (or other Ohio EPA approved model). 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 the "worst case" pollutant(s):

Pollutant: toluene (CAS 108-88-3)

TLV (ug/m3): 188,000

Maximum Hourly Emission Rate (lbs/hr): 0.227

Predicted 1-Hour Maximum Ground-Level Concentration at 86 m (ug/m3): 163

MAGLC (ug/m3): 4476

3. 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 Toxics 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 Toxics Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxics Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxics Policy" include the following:

xiii. changes in the composition of the materials used (process materials and 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 value previously modeled;

ii changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

iii 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 Toxics 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 (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

4. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the emissions unit, if changed as outlined above, will still satisfy the "Air Toxics 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 the changed emissions unit still satisfies the "Air Toxics 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 Toxics Policy" for the

change.

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

1. The permittee shall notify the Director (appropriate District Office or local air agency) in writing of each daily record showing a daily volume-weighted average greater than 3.5 pounds VOC per gallon, as applied, excluding water and exempt solvents. The notification shall include a copy of such record and shall be sent to the Director (appropriate District Office or local air agency) within 30 days after the exceedance occurs.

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

1. Compliance with the emission limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:
  - a. Emissions Limitation:  
daily volume-weighted average of 3.5 lbs VOC per gallon, as applied, excluding water and exempt solvents
  - b. Emissions Limitation:  
VOC emissions shall not exceed 0.883 pound per hour and 3.87 tons per year.

Applicable Compliance Method:

Compliance shall be based upon the record keeping specified in Section C.1.

Applicable Compliance Method: The above emissions limitations were established based on the following company-specified process/emissions data:

$H = CV + D$ ; and

$Y = H(8760 \text{ hours/year})(1 \text{ ton}/2000 \text{ pounds})$ ,

Where:

H = 0.883 pounds/hour of VOCs [average hourly potential emissions];

Y = 3.87 tons/year of VOCs [yearly potential emissions];

C = 2.96 pounds/hour of coating used [average hourly potential coating usage];

V = 0.2651 [VOC weight fraction of coating]; and

D = 0.097 pound/hour [average hourly potential cleanup solvent usage].

**Hayes Lemmerz International Akron LLC****PTI Application: 16-02121****Issue:****Facility ID: 1677010157****Emissions Unit ID: K007**

2. In accordance with OAC rule 3745-21-04(B)(5), facilities located in Ashtabula, Butler, Clark, Clermont, Cuyahoga, Delaware, Franklin, Geauga, Greene, Hamilton, Lake, Licking, Lorain, Lucas, Mahoning, Medina, Miami, Montgomery, Portage, Stark, Summit, Trumbull, Warren and Wood Counties shall use USEPA Method 24 to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

Facilities located in all other counties shall use USEPA Method 24 or formulation data to determine the VOC contents of the coatings.

US EPA Method 24 or formulation data shall be used to determine the VOC contents of the cleanup materials.

**F. Miscellaneous Requirements**

NONE