



State of Ohio Environmental Protection Agency

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**RE: FINAL PERMIT TO INSTALL MODIFICATION**

**CERTIFIED MAIL**

**BUTLER COUNTY**

**Application No: 14-04716**

**Fac ID: 1409000716**

**DATE: 3/25/2008**

Chase Industries  
Cassandra Root  
10021 Commerce Park Drive  
Cincinnati, OH 45246

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

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 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. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00 which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. 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, OH 43215

Sincerely,

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

CC: USEPA

HCDES



**FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 14-04716**

Application Number: 14-04716  
Facility ID: 1409000716  
Permit Fee: **\$100**  
Name of Facility: Chase Industries  
Person to Contact: Cassandra Root  
Address: 10021 Commerce Park Drive  
Cincinnati, OH 45246

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**10021 Commerce Park Drive  
Cincinnati, Ohio**

Description of proposed emissions unit(s):  
**Administrative Modification to increase the allowable organic compound content limitation for the Open Air Brushing and Spraying Operation (K001). The emissions limitations will not increase.**

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification 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 source(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 included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski  
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

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 (i.e., postmarked) quarterly 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 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.

#### **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 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>
OC	25.14
VOC	2.84
OC/VOC	99.9
Single HAP	9.9
Combined HAPs	24.9

**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.

**Operations, Property, and/or Equipment - (K001) - Open Air Brushing and Spraying Operation - Modification**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	Organic compound (OC) emissions shall not exceed 238.4 pounds per day when coating non-metal parts.  Volatile organic compound (VOC) emissions shall not exceed 34.7 pounds per day when coating metal parts.  The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(C).
OAC rule 3745-21-07(G)(2)	Exempt, see term and condition B.7.
OAC rule 3745-21-09(U)(1)(c)	The VOC content specified by this rule is less stringent than the VOC content established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-31-05(C) Synthetic minor to avoid Title V and federal new source review permitting	See term and condition A.2.a, A.2.b and terms and conditions B.1 through B.6.  VOC emissions shall not exceed 2.84 TPY, based on a rolling, 12-month summation, when coating metal parts.  Organic compound (OC) emissions shall not exceed 19.5 tons per year (TPY), based on a rolling, 12-month summation, when coating non-metal parts.  OC emissions shall not exceed 5.64 TPY, based on a rolling, 12-month summation, from cleanup materials.

**2. Additional Terms and Conditions**

- The total allowable emissions of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from emissions units K001 (Open

Area Brushing and Spraying Operation), K002 (Adhesive Coating Line), K003 (Doorline for Application of Contact Adhesives), any de minimis emissions units as defined in OAC rule 3745-15-05, any registration status and/or permit exempt emissions units, or future constructed emissions units, shall not exceed 9.9 TPY for any single HAP and 24.9 TPY for any combination of HAPs. Compliance with the above limitations shall be based on a rolling, 12-month summation.

- 2.b** The total allowable emissions of OC/VOC from emissions units K001 (Open Area Brushing and Spraying Operation), K002 (Adhesive Coating Line), K003 (Doorline for Application of Contact Adhesives), any de minimis emissions units as defined in OAC rule 3745-15-05, any registration status and/or permit exempt emissions units, or future constructed emissions units, shall not exceed 99.9 TPY. Compliance with the above limitations shall be based on a rolling, 12-month summation.
- 2.c** Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the specified mass emission limitations, OC and VOC content limitations, usage limitations, and the use of non-photochemically reactive materials.
- 2.d** The permittee has existing records to demonstrated compliance with the emission limitations in Section A and the usage limitations in section B upon issuance of this permit.

## **B. Operational Restrictions**

1. The maximum coating usage for this emissions unit shall not exceed 34.75 gallons per day and 5,685 gallons per year, including water and exempt solvents, for coating non-metal parts. The annual coating usage limitation shall be based upon a rolling, 12-month summation.
2. The maximum coating usage for this emissions unit shall not exceed 15 gallons per day and 2,460 gallons per year, excluding water and exempt solvents, for coating metal parts. The annual coating usage limitation shall be based upon a rolling, 12-month summation.
3. The maximum cleanup material usage for this emissions unit shall not exceed 1,670 gallons per year. The annual cleanup material usage limitation shall be based upon a rolling, 12-month summation.
4. The OC content of any coating employed when coating non-metal parts in this emissions unit shall not exceed 6.86 pounds per gallon, as applied, including water and exempt solvents.
5. The VOC content of any coating employed when coating metal parts in this emissions unit shall not exceed 2.31 pounds per gallon, as applied, excluding water and exempt solvents.

6. The OC content of any cleanup material employed for this emissions unit shall not exceed 6.75 pounds per gallon.
7. The use of photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5), is prohibited in this emissions unit, except for any material used in the coating of metal parts.

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

1. The permittee shall collect and record the following information for each day when coating non-metal parts for this emissions unit:
  - a. the name and identification number of each coating employed;
  - b. a record of each liquid organic material employed in this emissions unit indicating whether or not the liquid organic material is a photochemically reactive material as defined in OAC rule 3745-21-01(C)(5);
  - c. the OC content of each coating, in pounds per gallon, as applied;
  - d. the volume, in gallons, of each coating employed;
  - e. the total volume, in gallons, of all coatings employed [summation of (d) for all coatings employed during the day]; and
  - f. the daily OC emissions, in pounds [summation of (c) x (d) for all coatings employed during the day].
2. The permittee shall collect and record the following information each day when coating metal parts for this emissions unit:
  - a. the name and identification number of each coating employed;
  - b. the VOC content of each coating, in pounds per gallon, as applied, excluding water and exempt solvents;
  - c. the volume, in gallons, excluding water and exempt solvents, of each coating employed;
  - d. the total volume, in gallons, excluding water and exempt solvents, of all coatings employed [summation of (c) for all coatings employed during the day]; and
  - e. the daily VOC emissions, in pounds [summation of (b) x (c) for all coatings employed during the day].

3. The permittee shall collect and record the following information for each month for the cleanup materials employed in this emissions unit:
  - a. the company identification of each cleanup material employed;
  - b. a record of each liquid organic cleanup material employed in this emissions unit indicating whether or not the liquid organic cleanup material is a photochemically reactive material as defined in OAC rule 3745-21-01(C)(5);
  - c. the OC content of each cleanup material employed, in pounds per gallon;
  - d. the volume, in gallons, of each cleanup material employed;
  - e. the total volume, in gallons, of all cleanup materials employed [summation of (d) for cleanup materials employed; and
  - f. the OC emissions, in pounds [summation of (c) x (d) for all cleanup materials employed.
  
4. The permittee shall maintain monthly records of the following information for this emissions unit:
  - a. the total volume, in gallons, of all coatings employed for non-metal parts (summation of C.1.e for all days of the calendar month);
  - b. the total volume, in gallons, excluding water and exempt solvents, of all coatings employed for metal parts (summation of C.2.d for all days of the calendar month);
  - c. the total volume, in gallons, of all cleanup materials employed (summation of C.3.e for the calendar month);
  - d. the updated rolling, 12-month summation of all coatings employed for non-metal parts, in gallons;
  - e. the updated rolling, 12-month summation of all coatings employed for metal parts, in gallons, excluding water and exempt solvents; and
  - f. the updated rolling, 12-month summation of all cleanup materials employed, in gallons.
  
5. The permittee shall maintain monthly records of the following information for this emissions unit:
  - a. the total OC emissions, in pounds, from all coatings employed for non-metal parts (summation of C.1.f for all days of the calendar month);

- b. the total VOC emissions, in pounds, from all coatings employed for metal parts (summation of C.2.e for all days of the calendar month);
  - c. the total OC emissions, in pounds, from all cleanup materials employed (summation of C.3.f for the calendar month);
  - d. the updated rolling, 12-month summation of all OC emissions from coatings employed for non-metal parts, in tons;
  - e. the updated rolling, 12-month summation of all VOC emissions from coatings employed for metal parts, in tons; and
  - f. the updated rolling, 12-month summation of all OC emissions from cleanup materials employed, in tons.
6. The permittee shall collect and record the following information each month for the emissions units identified in term and condition A.2.a and A.2.b:
- a. the name and identification number of each coating employed;
  - b. the individual HAP content for each HAP of each coating, in pounds of individual HAP per gallon of coating, as applied;
  - c. the total combined HAP content of each coating, in pounds of combined HAPs per gallon of coating, as applied [sum all the individual HAP contents from (b)];
  - d. the number of gallons of each coating employed;
  - e. the name and identification of each cleanup material employed;
  - f. the individual HAP content for each HAP of each cleanup material, in pounds of individual HAP per gallon of cleanup material, as applied;
  - g. the total combined HAP content of each cleanup material, in pounds of combined HAPs per gallon of cleanup material, as applied [sum all the individual HAP contents from (f)];
  - h. the number of gallons of each cleanup material employed;
  - i. the total individual HAP usage for each HAP from all coatings and cleanup materials employed, in pounds or tons per month [for each HAP, the sum of (b) times (d) for each coating plus the sum of (f) times (h) for each cleanup material (and divided by 2,000 lbs/ton if the units are in tons)];

- j. the total combined HAP emissions from all coatings and cleanup materials employed, in pounds or tons per month [the sum of (c) times (d) for each coating plus the sum of (g) times (h) for each cleanup material (and divided by 2,000 lbs/ton if the units are in tons)];
- k. the updated rolling, 12-month summation of usage for each individual HAP emissions\*\*, in tons. This shall include the information for the current month and the preceding eleven calendar months; and
- l. the updated rolling, 12-month summation of usage for total combined HAP emissions\*\*, in pounds or tons. This shall include the information for the current month and preceding eleven calendar months.
- m. the updated rolling, 12-month summation of OC/VOC emissions for emissions units listed in term and condition A.2.b\*, in pounds or tons. This shall include the information for the current month and preceding eleven calendar months.

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Hamilton County Department of Environmental Services contact. This information does not have to be kept on a line-by-line basis.

\*this includes recordkeeping and reporting to validated limitation.

\*\* This assumes the HAPs emitted are the same as the amount of HAPs used since all HAPs used evaporate.

- 7. The permit to install for this emissions unit (K001) was evaluated based on the actual 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 Toxic Policy") was applied to this emissions unit for each toxic pollutant, using data from the permit to install application, and modeling was performed for the toxic pollutants emitted at over a ton per year using the SCREEN3 model or other Ohio EPA approved model. The predicted 1-hour maximum ground-level concentration result(s) from the use of the SCREEN3 (or other approved) model, was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutants:

Pollutant: stoddard solvent  
TLV (ug/m3): 573,000  
Maximum Hourly Emission Rate (lbs/hr): 6.71  
Predicted 1-Hour Maximum Ground-Level  
Concentration (ug/m3): 1124  
MAGLC (ug/m3): 13,643

Pollutant: heptane

TLV (ug/m3): 1,639,000

Maximum Hourly Emission Rate (lbs/hr): 15.44

Predicted 1-Hour Maximum Ground-Level

Concentration (ug/m3): 2586

MAGLC (ug/m3): 39,024

Physical changes to or 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 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 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 value previously modeled;
- b. 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
- 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 solely due to the emissions of any type of toxic air contaminant not previously emitted, and a modification of the existing permit to install will not be required, even if the toxic air contaminant emissions are greater than the de minimis level in OAC rule 3745-15-05. If the change(s) is (are) defined as a modification under other provisions of the modification definition, 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 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 the changed emissions unit still satisfies the "Air Toxic Policy"; and

- c. when the 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.

**D. Reporting Requirements**

- 1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any record identifying any of the following:
  - a. an exceedance of the OC/VOC content limitations for any coating and/or cleanup material employed;
  - b. an exceedance of the daily coating usage limitations;
  - c. an exceedance of the daily OC/VOC emission limitations for coating; and
  - d. each day during which any photochemically reactive material [as defined in OAC rule 3745-21-01(C)(5)] was employed in this emissions unit, except for any material used in the coating of metal parts.

The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days after the exceedance occurs.

- 2. The permittee shall submit quarterly deviation (excursion) reports that identify the following:
  - a. an identification of all exceedances of the rolling, 12-month usage limitations for all coatings and cleanup materials employed in this emissions unit (i.e., coatings for non-metal parts, coatings for metal parts, and cleanup materials);
  - b. an identification of all exceedances of the rolling, 12-month OC and VOC emissions limitations for this emissions unit (i.e., when coating non-metal parts, when coating metal parts, and when employing cleanup materials); and
  - c. an identification of all exceedances of the rolling, 12-month HAP emission limitations of 9.9 tons and 24.9 tons for any single HAP and combination of HAPs, respectively, for the emissions units identified in term and condition A.2.a.
  - d. an identification of all exceedances of the rolling, 12-month OC/VOC emission limitation for the emissions units identified in term and condition A.2.b.

- 3. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.
- 4. The permittee shall submit annual reports to the Hamilton County Department of Environmental Services that summarize the following:

- a. the total number of gallons of all coatings employed for non-metal parts in this emissions unit for the previous calendar year;
- b. the total number of gallons of all coatings, excluding water and exempt solvents, employed for metal parts in this emissions unit for the previous calendar year;
- c. the total number of gallons of cleanup materials employed in this emissions unit for the previous calendar year;
- d. the total OC emissions from coating non-metal parts in this emissions unit for the previous calendar year;

- e. the total VOC emissions from coating metal parts in this emissions unit for the previous calendar year; and
- f. the total OC emissions from cleanup materials used in this emissions unit for the previous calendar year.

These reports shall be submitted by January 31 of each year and cover the previous calendar year.

## E. Testing Requirements

- 1. Compliance with the emissions limitations, the OC and VOC content limitations, and the coating and cleanup material usage restrictions in Sections A and B of these terms and conditions shall be determined in accordance with the following methods:

- a. Emission Limitation:  
OC emissions shall not exceed 238.4 pounds per day, when coating non-metal parts.

Applicable Compliance Method:

Compliance with the daily OC emission limitation for coating non-metal parts shall be determined by the record keeping requirements specified in term and condition C.1.

- b. Emission Limitation:  
VOC emissions shall not exceed 34.7 pounds per day, when coating metal parts.

Applicable Compliance Method:

Compliance with the daily VOC emission limitation for coating metal parts shall be determined by the record keeping requirements specified in term and condition C.2.

- c. Emission Limitation:  
VOC emissions shall not exceed 2.84 TPY, based on a rolling, 12-month summation, when coating metal parts.

Applicable Compliance Method:

Compliance with the VOC emission limitation for cleanup materials shall be determined by the record keeping requirements specified in term and condition C.5.

- d. Emission Limitation:  
Organic compound (OC) emissions shall not exceed 19.5 tons per year (TPY), based on a rolling, 12-month summation, when coating non-metal parts.

Applicable Compliance Method:

Compliance with the OC emission limitation for cleanup materials shall be determined by the record keeping requirements specified in term and condition C.5.

- e. Emission Limitation:  
OC emissions shall not exceed 5.64 TPY, based on a rolling, 12-month summation, from cleanup materials.

Applicable Compliance Method:

Compliance with the OC emission limitation for cleanup materials shall be determined by the record keeping requirements specified in term and condition C.5.

- f. Emission Limitation:  
HAP emissions shall not exceed 9.9 TPY for any single HAP and 24.9 TPY for any combination of HAPs, based upon a rolling, 12-month summation.

Applicable Compliance Method:

Compliance with the HAP emission limitation shall be determined by the record keeping requirements specified in term and condition C.6.

- g. OC Content Limitation:  
OC content of any coating shall not exceed 6.86 pounds per gallon, including water and exempt solvents, when coating non-metal parts.

Applicable Compliance Method:

Formulation data or U.S. EPA Method 24 shall be used to determine the OC content of any coating employed in this emissions unit, when coating non-metal parts.

- h. VOC Content Limitation:  
VOC content of any coating shall not exceed 2.31 pounds per gallon, excluding water and exempt solvents, when coating metal parts.

Applicable Compliance Method:

If required, USEPA methods 24 and 24A shall be used to determine the VOC content for coatings. If, pursuant 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A 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 or 24A.

- i. OC Content Limitation:  
OC content of any cleanup material shall not exceed 6.75 pounds per gallon.

Applicable Compliance Method:

Compliance with the OC content limitation shall be determined by the record keeping requirements specified in term and condition C.3. Formulation data or U.S. EPA Method 24 shall be used to determine the OC content of any cleanup material employed in this emissions unit.

- j. Usage Restriction:  
Coating usage shall not exceed 34.75 gallons per day and 5,685 gallons per year, including water and exempt solvents, when coating non-metal parts, based upon a rolling, 12-month summation.

Applicable Compliance Method:

Compliance with the daily coating usage restriction for non-metal parts shall be determined by the record keeping requirements specified in term and condition C.1.

Compliance with the annual coating usage restriction for non-metal parts shall be determined by the record keeping requirements specified in term and condition C.4.

- k. Usage Restriction:  
Coating usage shall not exceed 15 gallons per day and 2,460 gallons per year, excluding water and exempt solvents, when coating metal parts, based upon a rolling, 12-month summation.

Applicable Compliance Method:

Compliance with the daily coating usage restriction for metal parts shall be determined by the record keeping requirements specified in term and condition C.2.

Compliance with the annual coating usage restriction for metal parts shall be determined by the record keeping requirements specified in term and condition C.4.

- l. Usage Restriction:  
Cleanup material usage shall not exceed 1,670 gallons per year, based upon a rolling, 12-month summation.

Applicable Compliance Method:

Compliance with the annual cleanup material usage restriction shall be determined by the record keeping requirements specified in term and condition C.4.

- m. Emission Limitation:  
OC/VOC emissions shall not exceed 99.9 TPY, based on a rolling, 12-month summation from emissions units listed in term and condition A.2.b.

Applicable Compliance Method:

Compliance with the OC/VOC emission limitation for cleanup materials shall be determined by the record keeping requirements specified in term and condition C.6.

**Chase Industries**

**PTI Application: 14-04716**

**Modification Issued: 3/25/2008**

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**Emissions Unit ID: K001**

2. Compliance with operational restriction in term and condition B.7 shall be demonstrated by the record keeping in terms and conditions C.1 and C.3.

**Chase Industries**

**PTI Application: 14-04716**

**Modification Issued: 3/25/2008**

**Facility ID: 1409000716**

**Emissions Unit ID: K001**

**F. Miscellaneous Requirements**

1. The terms and conditions of this air permit to install shall supersede the terms and conditions of permit to install 14-04716, as issued on November 24, 1999, and permit to install 14-02768, as issued on December 21, 1992.
2. The following terms and conditions of this permit to install shall be federally enforceable:  
A, B, C.1 through C.6, D and E.