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Facility Name: **Component Repair Technology Inc**

Application Number: **14-4608**

Date: **September 23, 1998**

**GENERAL PERMIT CONDITIONS**

**TERMINATION OF PERMIT TO INSTALL**

Substantial construction for installation must take place within 18 months of the effective date of this permit. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

**NOTICE OF INSPECTION**

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

**CONSTRUCTION OF NEW SOURCES**

The proposed source(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

If the construction of the proposed source(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of Ohio Administrative Code (OAC) Rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations.

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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 applicable standards.

#### **PERMIT TO INSTALL FEE**

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 days of the effective date of this permit to install.

#### **PUBLIC DISCLOSURE**

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC Rule 3745-49-03.

#### **APPLICABILITY**

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

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**BEST AVAILABLE TECHNOLOGY**

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

**PERMIT TO OPERATE APPLICATION**

A Permit to Operate application must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be filed no later than thirty days after commencement of operation.

**SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION**

This facility is permitted to operate each source described by this permit to install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws and regulations.

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The air contaminant emissions units listed below comprise the Permit to Install for **Component Repair Technology Inc** located in **Butler** County. The emissions units listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

Ohio EPA Source Number	Source Identification Description	BAT Determination	Applicable Federal & OAC Rules	Permit Allowable Mass Emissions and/or Control/Usage Requirements
K001	Miscellaneous metal parts spray booth for aerospace parts	Daily and annual coating and cleanup material usage limitations, VOC content limitations, compliance with Ohio EPA's Air Toxics Policy	3745-15-07  3745-17-07 3745-17-11  3745-21-09 (U)(2)(f)(ii)**  3745-31-05	See General Terms  See Term A.4.  0.551 pound/hour and 2.41 tons per year PM/PM <sub>10</sub> *  See OAC 3745-31- 05  25.25 pounds/day and 4.3 TPY VOC, including cleanup material.  See Terms A.1. - A.3., and B.1.- B.3.

\* All PM emissions equal PM<sub>10</sub> emissions.

\*\* The emission limitation(s)/opacity restrictions established by these rules are less stringent than those established by Ohio Administrative Code (OAC) rule 3745-31-05(BAT).

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SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
Organic Compound	4.3
PM	2.41
PM <sub>10</sub>	2.41

**REPORTING REQUIREMENTS**

Unless otherwise specified, reports required by the Permit to Install need only be submitted to **Hamilton County Dept. of Env. Services, 1632 Central Parkway, Cincinnati, OH 45210.**

**WASTE DISPOSAL**

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.

**MAINTENANCE OF EQUIPMENT**

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

**MALFUNCTION/ABATEMENT**

In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the **Hamilton County Dept. of Env. Services, 1632 Central Parkway, Cincinnati, OH 45210.**

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

**AIR POLLUTION NUISANCES PROHIBITED**

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

**ADDITIONAL SPECIAL TERMS AND CONDITIONS**

**A. Applicable Emission Limitations and/or Control Requirements**

1. The maximum emissions from emissions unit K001 shall not exceed the following:
  - a. 25.25 lbs/day and 4.3 tons per year of VOC, including cleanup material; and,
  - b. 0.551 lb/day and 2.41 tons per year of PM/PM<sub>10</sub>.
2. The VOC content of coatings used in emissions unit K001 shall not exceed 6.0 pounds of VOC per gallon, as applied.
3. The VOC content of cleanup materials used in emissions unit K001 shall not exceed 7.25 lbs of VOC per gallon.
4. Visible particulate emissions from emissions unit K001 shall not exceed 20 percent opacity, as a six-minute average, except by rule.

**B. Operational Restrictions**

1. The maximum daily coating usage for emissions unit K001 shall not exceed 3 gallons.
2. The maximum daily cleanup material usage for emissions unit K001 shall not exceed one gallon.
3. The maximum annual coating usage for emissions unit K001 shall not exceed 980 gallons.
4. The maximum annual cleanup material usage for emissions unit K001 shall not exceed 365 gallons.

**C. Monitoring and Recordkeeping Requirements**

1. The permittee shall collect and record the following information each day for emissions unit K001:
  - a. the name and identification number of each coating, as applied;

- b. the VOC content of each coating, as applied;
  - c. the number of gallons of each coating employed;
  - d. the name and identification of each cleanup material employed;
  - e. the VOC content of each cleanup material, in pounds per gallon; and,
  - f. the number of gallons of each cleanup material employed.
2. The permittee shall maintain monthly records of coating and cleanup material usage.
  3. 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.

**D. Reporting Requirements**

1. The permittee shall notify the Director (Hamilton County Dept. of Env. Services) in writing of any daily record showing:
  - a. the use of noncomplying coatings; or,
  - b. an exceedance of the applicable maximum daily coating usage limit.

The notification shall include a copy of such record and shall be sent to the Director (Hamilton County Dept. of Env. Services).
2. The permittee shall submit an annual report of coating and cleanup material usage.
3. 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

Hamilton County Department of Environmental Services; and,

- 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 Hamilton County Department of Environmental Services. 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 30, April 30, July 30, and October 30 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).

**E. Compliance Methods/Testing Requirements**

1. Compliance with the VOC emission limitations in Section A.1. of these terms and conditions shall be determined by multiplying the daily and annual coating and cleanup material usage amounts by the VOC content of the coatings and cleanup materials, as applied.
2. Compliance with the PM/PM<sub>10</sub> emission limits in Section A.1. of these terms and conditions shall be determined in accordance with the following equation:

(Coating usage rate x solids content of coating by weight x coating density x 0.65[1-transfer efficiency] x 0.1[1-control efficiency])

3. Compliance with the VOC content limitation in Section A.2. of these terms and conditions shall be determined in accordance with the following method:

USEPA methods 24 and 24A shall be used to determine the VOC content for coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used

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for a particular coating the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating or ink to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

4. Compliance with the visible particulate emission limitation for emissions unit K001 in Section A.4. of these terms and conditions shall be demonstrated by the methods outlined in OAC rule 3745-17-03(B)(1).
5. Compliance with the operational restrictions in B.1. through B.3. shall be determined by the recordkeeping in C.1.

**F. Miscellaneous Requirements**

1. None.