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Facility Name: **McCombe Body Shop**

Application Number: **01-7427**

Date: **September 10, 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.

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

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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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AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **McCombe Body Shop** located in **Franklin** 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.

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
K001	Semi-down draft booth with gas-fired bake oven	Use of filter on booth exhaust and compliance with permit requirements.	3745-31-05 3745-21-09 (U)(2)(c) 3745-17-11	0.4 lbs. VOC/hr, 1.4 tons VOC/yr, 0.6 ton NOX/yr, 0.01 lbs PM/hr, 0.05 tons PM/yr, and See Additional Special Terms and Conditions.

SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
VOC	1.4
NOX	0.6
PM	0.05

RECORD(S) RETENTION AND AVAILABILITY

All records required by this Permit to Install shall be retained on file for a period of not less than three years unless otherwise indicated by Ohio Environmental Protection Agency. All records shall be made available to the Director, or any representative of the Director, for review during normal business hours.

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REPORTING REQUIREMENTS

Unless otherwise specified, reports required by the Permit to Install need only be submitted to **Ohio EPA, Central District Office, 3232 Alum Creek Drive, Columbus, Ohio 43207-3417.**

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 **Ohio EPA, Central District Office, 3232 Alum Creek Drive, Columbus, Ohio 43207-3417.**

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. Operational Restrictions

1. The permittee shall use a particulate filter on the spray booth exhaust outlet when the emissions unit is in operation.
2. The permittee shall not employ more than 30.5 gallons of coating per month.
3. The permittee shall not employ more than 9 gallons of lacquer thinner per month.
4. The permittee shall not employ coatings with greater than 5.2 lbs VOC/gallon.
5. The permittee shall not employ lacquer thinner with greater than 7.5 lbs VOC/gallon.

B. Monitoring and Recordkeeping Requirements

1. The permittee shall collect and record the following information each month for the coating line:
 - a. the name and identification number of each coating employed;
 - b. the volume, in gallons, of each coating employed;
 - c. the total volume, in gallons, of all of the coatings employed;
 - d. the volume of non-recycled thinner used per month;
 - e. the VOC content of each coating and cleanup material, in pounds per gallon; and,
 - f. the total VOC emissions from all coatings and cleanup materials employed, in pounds or tons.
2. 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 coating formulation data, purchase records, solvent disposal and daily usage records required by the permit. Such records may be maintained in computerized form

C. Reporting requirements

1. The permittee shall notify the Ohio EPA Central District Office in writing of any monthly record showing the use of more than 30.5 gallons of coatings per month. The notification shall include a copy of such record and shall be sent to the Ohio EPA Central District Office within 30 days following the end of the calendar month.
2. The permittee shall notify the Ohio EPA Central District Office in writing of any monthly record showing the use of more than 9 gallons of acrylic lacquer thinner per month. The notification shall include a copy of such record and shall be sent to the Ohio EPA Central District Office within 30 days following the end of the calendar month.

D. Testing requirements

1. Compliance with the emission limitation(s) shall be determined in accordance with the following method(s):

a. Emission Limitation:

0.4 lbs VOC/hr; 1.4 tons VOC/yr;

Applicable Compliance Method:

The following equation calculates the hourly emission rate:

$5.2 \text{ lbs VOC/gal} * 0.075 \text{ gallons/hr} = 0.39 \text{ lbs VOC/hr};$

The following equation calculates the hourly emission rate:

$(30.5 \text{ gal/mo.} * 5.2 \text{ lbs VOC/gal}) + (9 \text{ gal/mo.} * 7.5 \text{ lbs VOC/gal}) * 12 \text{ mo./yr} * 1 \text{ ton}/2,000 \text{ lbs} = 1.4 \text{ tons VOC/yr}$

b. Emission Limitation:

0.01 lbs PM/hr; 0.04 tons PM/yr;

Applicable Compliance Method:

The following equation calculates the hourly emission rate:

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$$\begin{aligned} & 7.97 \text{ lbs/gal} * 61\% \text{ PM/weight} * 0.056 \text{ gal/hr} * \\ & = 0.27 \text{ lbs PM/hr} \\ & 0.3 \text{ lbs PM/hr} * 35\% \text{ (overspray)} * \\ & (1-90\%)(\text{efficiency}) = 0.01 \text{ lbs PM/hr} \end{aligned}$$

The following equation calculates the hourly emission rate:

$$0.01 \text{ lb PM/hr} * 6 \text{ days/wk} * 52 \text{ wks/yr} * 24 \text{ hrs/day} * 1 \text{ ton}/2,000 \text{ lbs} = 0.04 \text{ tons PM/yr}$$

c. Emission Limitation:

$$0.6 \text{ tons NO}_x/\text{yr}$$

Applicable Compliance Method:

The following equation calculates the hourly emission rate:

$$\begin{aligned} & 10e6 \text{ BTU/hr} * 1 \text{ ft}^3/10e3 * 8760 \text{ hrs/yr} * 140 \\ & \text{ lbs NO}_x/10e6 \text{ ft}^3 * \text{ ton}/2,000 \text{ lbs} = 0.6 \text{ tons} \\ & \text{ NO}_x/\text{yr}. \end{aligned}$$

E. Miscellaneous Requirements

1. Any of the following changes may be deemed a "modification" to the emissions unit and, as such, prior notification to and approval from the Ohio EPA Central District Office are required, including the possible issuance of modifications:
 - a. Any change to the emissions unit or its method of operation that would either require an increase in the emission limitation(s) established by this permit or would otherwise be considered a "modification" as defined in OAC rule 3745-31-01.