

1

Facility Name: **Automotive Excellence Inc**

Application Number: **13-3420**

Date: **September 16, 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. Approval of the plans in any case is not to be construed as

2

Facility Name: **Automotive Excellence Inc**

Application Number: **13-3420**

Date: **September 16, 1998**

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.

Facility Name: **Automotive Excellence Inc**

Application Number: **13-3420**

Date: **September 16, 1998**

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.

4

Facility Name: **Automotive Excellence Inc**

Application Number: **13-3420**

Date: **September 16, 1998**

Facility Name: **Automotive Excellence Inc**

Application Number: **13-3420**

Date: **September 16, 1998**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
-------------------------------	-------------------------------------	--------------------------	---	--

AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Automotive Excellence Inc** located in **Cuyahoga** 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	Spraybake no. 1000 self-contained spray booth used for painting cars, vans, and light trucks	The BAT determined for this source is compliance with the rules and regulations governing the source, and use of a water wash filter system.	3745-31-05 3745-17-11 3745-17-07 3745-21-09 (U) (2) (e) (ii)	0.551 pound PM/hour 2.41 tons PM/year No visible emissions Coating usage not to exceed 10 gallons per day 2.46 pounds VOC/hour 10.77 pounds VOC/year

SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

Facility Name: **Automotive Excellence Inc**

Application Number: **13-3420**

Date: **September 16, 1998**

<u>Pollutant</u>	<u>Tons/Year</u>
Particulate matter (PM)	2.41
Volatile organic compounds (VOC)	10.77

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.

REPORTING REQUIREMENTS

Unless otherwise specified, reports required by the Permit to Install need only be submitted to **Cleveland Air Pollution Control, 1925 St. Clair Avenue, Cleveland, OH 44114.**

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

7

Facility Name: **Automotive Excellence Inc**

Application Number: **13-3420**

Date: **September 16, 1998**

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 **Cleveland Air Pollution Control, 1925 St. Clair Avenue, Cleveland, OH 44114.**

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. Emissions from emissions unit K001 shall be controlled with a water wash filter system. Particulate matter (PM) emissions shall not exceed 0.551 lb/hr and 2.41 tpy.
2. There shall be no visible emissions of particulate matter.
3. VOC emissions from coating materials employed in emissions unit K001 shall not exceed 2.46 lbs/hr and 10.77 tpy.

B. Operational Restrictions

1. Coating usage in emission unit K001 shall not exceed 10

Facility Name: **Automotive Excellence Inc**

Application Number: **13-3420**

Date: **September 16, 1998**

gallons per day.

2. The VOC content of any coating shall not exceed 5.9 lbs/gal. Any increase may be deemed a "modification" to the emissions unit and, as such, prior notification to and approval from the Cleveland Air Pollution Control is required, including the possible issuance of modifications to PTI No. 13-3420 and the operating permit.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each day for coating usage in emissions unit K001:
 - a. the name and identification number of each coating employed;
 - b. the volume, in gallons, of each coating employed;
 - c. the VOC content of each coating employed;
 - d. the total volume, in gallons, of all of the coatings employed (sum of b);
 - e. the VOC emissions rate from each coating, in pounds per day ($b * c$); and,
 - f. the VOC emissions rate from all coatings, in pounds per day (sum of e).
2. The permittee shall collect and record the following information each month for cleanup material usage in emissions unit K001:
 - a. the name and identification number of each cleanup material employed;
 - b. the number of gallons of each cleanup material employed;
 - c. the VOC content of each cleanup material, in pounds per gallon;

Facility Name: **Automotive Excellence Inc**

Application Number: **13-3420**

Date: **September 16, 1998**

- d. the VOC Emissions rate from each cleanup material, in pounds per month (b * c); and,
- e. the VOC emission rate from all cleanup materials, in pounds per month (sum of d)

D. Reporting Requirements

1. The permittee shall notify Cleveland Bureau of Air Pollution Control within five (5) calendar days of any daily record showing an exceedance of the applicable maximum daily coating usage limitation contained in this permit. A copy of such record shall be sent to Cleveland BAPC within 45 days following the date of the excursion. Accompanying the record, the permittee shall indicate, in writing, the probable cause(s) of the excursion(s) and the steps which have been implemented to correct the violation(s) and prevent any such future occurrences.
2. The permittee shall also submit annual reports which specify the total VOC emissions from this emissions unit for coating and cleanup material usage for the previous calendar year. The report shall also include the maximum daily coating usage and maximum monthly cleanup material usage. These reports shall be submitted by January 31 of each year.

E. Testing Requirements and Compliance Methods

1. Any determination of VOC content (VOC means all the volatile organic compounds that are in a coating/cleanup material expressed in pounds of VOC per gallon excluding water and exempt solvents), solid content, or density of coating material shall be based on the coating materials as employed (as applied), including the addition of any thinner or viscosity reducer to the coatings. The company shall determine the composition of the coatings by formulation data supplied by the manufacturer of the coating materials, or from data determined by an analysis of each coating, as received by Reference Method 24. The Ohio EPA may require the company, if it used formulation data supplied by the manufacturer, to determine data used in the calculation of the VOC content of coating materials by Reference Method 24 or an equivalent or alternative methods.

"VOC content" means all organic compounds that are in a coating/cleanup material expressed as pounds of VOC per gallon.

Facility Name: **Automotive Excellence Inc**

Application Number: **13-3420**

Date: **September 16, 1998**

2. Emission Limitation:

2.46 lbs VOC/hr and 10.77 tons VOC/year

Applicable Compliance Method:

Compliance with the emissions limitations shall be determined pursuant to the monitoring and recordkeeping.

3. Emission Limitation:

0.551 lb PM/hr and 2.41 tons PM/year

Applicable Compliance Method:

As long as the represented maximum hourly coating application rate and daily maximum coating usage limitation for this emissions unit is not exceeded, and the control equipment for particulate matter (water wash filter system) is operating properly and in accordance with the manufacturer's specifications, compliance with the respective particulate matter limits of 0.551 pounds per hour and 2.41 tons per year will be assumed to be maintained.

However, to determine the actual worst case emissions rate for particulate matter, the following equation shall be used:

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

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

$TE = \text{Transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used}$

$CE = \text{Control efficiency of the control equipment}$

4. Emission Limitation:

No visible emissions of PM

11

Facility Name: **Automotive Excellence Inc**

Application Number: **13-3420**

Date: **September 16, 1998**

Applicable Compliance Method:

OAC Rule 3745-17-03(B) (1)