



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center
50 West Town Street, Suite 700
Columbus, OH 43215

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Mailing Address:

Lazarus Gov. Center
P.O. Box 1049
Columbus, OH 43216-1049

RECEIVED

NOV 19 2007

CERTIFIED MAIL

CANTON CITY HEALTH DEPT.
AIR POLLUTION DIVISION

**RE: FINAL PERMIT TO INSTALL
STARK COUNTY
Application No: 15-01669
Fac ID: 1576131795**

DATE: 11/15/2007

U.S. Chemical and Plastics
Andrew Shroads
4150 Tuller Rd. Suite 212
Dublin, OH 43017

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

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 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

Canton LAA



Permit To Install
Terms and Conditions

Issue Date: 11/15/2007
Effective Date: 11/15/2007

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FINAL PERMIT TO INSTALL 15-01669

Application Number: 15-01669
Facility ID: 1576131795
Permit Fee: **\$400**
Name of Facility: U.S. Chemical and Plastics
Person to Contact: Andrew Shroads
Address: 4150 Tuller Rd. Suite 212
Dublin, OH 43017

Location of proposed air contaminant source(s) [emissions unit(s)]:
**600 Nova Dr.
Massillon, Ohio**

Description of proposed emissions unit(s):
Paint Mixing Facility.

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

Chris Korleski
Director

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>
VOC	14.6
PE	18.4

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.

Operations, Property, and/or Equipment - (P009) - Paint Mix line

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(C)	Permit to Install 15-01669 for this air contaminant source takes into account the use of a baghouse as proposed by the permittee for the purpose of avoiding PE Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3). See Section A.2.a
OAC rule 3745-21-07(G)(2)	40 lbs OC/day and 8 lbs OC/hr.
OAC rule 3745-17-11(B)(1)	2.1 lbs PE/hr. (Based on PWR of 750 lbs/hr. and Table 1)
OAC rule 3745-17-07(1)(a)	20 % opacity as a six minute average except as provided by rule.

2. Additional Terms and Conditions

- 2.a This emission unit shall not emit more than 900 lbs./year total HAPs on a rolling, 12 month summation.

B. Operational Restrictions

None

C. Monitoring and/or Record keeping Requirements

1. The permittee shall collect and record the following information for each day for the coating operation:
 - a. the company identification for each coating and photochemically reactive cleanup material employed;

- b. the number of gallons of each coating and photochemically reactive cleanup material employed;
- c. the organic compound content of each coating and photochemically reactive cleanup material, in pounds per gallon;
- d. the total organic compound emission rate for all coatings and photochemically reactive cleanup materials, in pounds per day;
- e. the total number of hours the emissions unit was in operation; and
- f. the average hourly organic compound emission rate for all coatings and photochemically reactive cleanup materials, i.e., (d)/(e), in pounds per hour (average). The average hourly organic compound emission rate is calculated as:

$$\text{Amount of solvent / cleanup material used} \times \text{OC content} \times \text{OC emissions factor} = \text{OC lbs./day and OC lbs./day} \div \text{hours of operation} = \text{OC lbs./hour}$$

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit. Also, the definitions of "photochemically reactive" and "nonphotochemically reactive" are based upon OAC rule 3745-21-01(C)(5).]

- 2. The permittee shall collect and record the following information each month for this emissions unit:
 - a. the name and identification number of each coating, as applied;
 - b. the individual Hazardous Air Pollutant (HAP) content for each HAP of each coating in pounds of individual HAP per gallon of coating, as applied.
 - c. the total HAP content for each HAP of each coating in pounds of total HAPS per gallon of coating, as applied (sum of all the individual HAP contents from A.III.3.b above);
 - d. the amount (in 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 HAP content of each cleanup material in pounds of total HAPs per gallon of cleanup material, as applied (sum of all the individual HAP contents from A.III.3.f above);

- h. the amount (in gallons) of each cleanup material employed;
 - i. the total individual HAP emissions for each HAP from all coatings and cleanup materials employed, in pounds per day (for each HAP, the sum of A.III.3.b times A.III.3.d for each coating and the sum of A.III.3.f times A.III.3.h for each cleanup material);
 - j. the total HAP emissions from all coatings and cleanup materials employed, in pounds per day (the sum of A.III.3.c times A.III.3.d for each coating plus the sum of A.III.3.g times A.III.3.h for each cleanup material);
 - k. the total combined rolling, 12 month summation of each individual HAP emission from both coatings and cleanup materials employed, in tons per year and lbs/year; and
 - l. the total combined rolling, 12 summation of Total HAP emissions from both coatings and cleanup materials employed, in tons per year and lbs/year.
3. The permittee shall perform weekly checks when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
- a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item (d) above or continue the weekly check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

4. The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop, in inches of water, across the baghouse during operation of this emissions unit, including periods of startup and shutdown. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop, in inches of water, across the baghouse on a weekly basis.
5. Whenever the monitored value for the pressure drop deviates from the range specified below, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation: the date and time the deviation began and the magnitude of the deviation at that time, the date(s) the investigation was conducted, the names of the personnel who conducted the investigation, and the findings and recommendations.
6. In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range specified below, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken: a description of the corrective action, the date it was completed, the date and time the deviation ended, the total period of time (in minutes) during which there was a deviation, the pressure drop readings immediately after the corrective action, and the names of the personnel who performed the work. Investigation and records required by this paragraph does not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.
7. The acceptable range for the pressure drop across the baghouse shall be based upon the manufacturer's specifications until such time as any required emission testing is conducted. The permittee manufacturer's acceptable range is 2 inches of water to 8 inches of water.
8. This range is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the range based upon information obtained during future particulate emission tests that demonstrate compliance with the allowable particulate emission rate for this emissions unit. In addition, approved revisions to the range will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a minor permit modification.

D. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

- a. an identification of each day during which the average hourly organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and
- b. an identification of each day during which the organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
- c. a deviation of the annual rolling, 12 month summation of total HAPs allowable emission rate 900 lbs/year.

The quarterly deviation reports shall be submitted in accordance with the General Terms and Conditions of this permit.

2. The permittee shall submit semiannual written reports which:
 - a. identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit; and
 - b. describe any corrective actions taken to eliminate the visible particulate emissions.

These reports shall be submitted by January 31 and July 31 of each year and shall cover the previous 6-month period.

3. The permittee shall submit quarterly reports that identify the following information concerning the operation of the control equipment during the operation of this emissions unit:
 - a. each period of time when the pressure drop across the baghouse was outside of the range specified by the manufacturer;
 - b. an identification of each incident of deviation described in (a) where a prompt investigation was not conducted;
 - c. an identification of each incident of deviation described in (a) where prompt corrective action, that would bring the pressure drop into compliance with the acceptable range, was determined to be necessary and was not taken; and
 - d. an identification of each incident of deviation described in (a) where proper records were not maintained for the investigation and/or the corrective action.

E. Testing Requirements

1. Compliance with the permit allowable mass emissions and/or control usage requirements in the air emission summary of this permit to install shall be determined in accordance with the following methods:
 - a. Emission Limitation:

Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.

Applicable Compliance Method

If required, compliance shall be determined by performing visible emissions observations using Method 9 of 40 CFR Part 60, Appendix A.
 - b. Emission Limitation:

2.1 lb PE/hr

Applicable Compliance Method:

If required, compliance shall be determined by performing a stack test using Methods 1 - 5 of 40 CFR Part 60, Appendix A.
 - c. Emission Limitation:

40 lbs OC/day and 8 lbs OC/hr

Applicable Compliance Method:

The permittee shall demonstrate compliance by maintaining records as specified in section C.1.d and C.1.f.
 - d. Emission Limitation:

900 lbs of total HAPs per rolling, 12-month summation

Applicable Compliance Method:

The permittee shall demonstrate compliance by maintaining records as specified in section C.3.i.

F. Miscellaneous Requirements

None

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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.

Operations, Property, and/or Equipment - (P010) - Binder Mix Line (formerly outrageous line)

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(C)	Permit to Install 15-01669 for this air contaminant source takes into account the use of a baghouse as proposed by the permittee for the purpose of avoiding PE Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3). See Section A.2.a
OAC rule 3745-21-07(G)(2)	40 lbs OC/day and 8 lbs OC/hr.
OAC rule 3745-17-11(B)(1)	2.1 lbs PE/hr. (Based on PWR of 750 lbs/hr. and Table 1)
OAC rule 3745-17-07(1)(a)	20 % opacity as a six minute average except as provided by rule.

2. Additional Terms and Conditions

- 2.a This emission unit shall not emit more than 900 lbs./year total HAPs on a rolling, 12 month summation.

B. Operational Restrictions

None

C. Monitoring and/or Record keeping Requirements

1. The permittee shall collect and record the following information for each day for the coating operation:
 - a. the company identification for each coating and photochemically reactive cleanup material employed;

- b. the number of gallons of each coating and photochemically reactive cleanup material employed;
- c. the organic compound content of each coating and photochemically reactive cleanup material, in pounds per gallon;
- d. the total organic compound emission rate for all coatings and photochemically reactive cleanup materials, in pounds per day;
- e. the total number of hours the emissions unit was in operation; and
- f. the average hourly organic compound emission rate for all coatings and photochemically reactive cleanup materials, i.e., (d)/(e), in pounds per hour (average). The average hourly organic compound emission rate is calculated as:

$$\text{Amount of solvent / cleanup material used} \times \text{OC content} \times \text{OC emissions factor} = \text{OC lbs./day and OC lbs./day} \div \text{hours of operation} = \text{OC lbs./hour}$$

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit. Also, the definitions of "photochemically reactive" and "nonphotochemically reactive" are based upon OAC rule 3745-21-01(C)(5).]

- 2. The permittee shall collect and record the following information each month for this emissions unit:
 - a. the name and identification number of each coating, as applied;
 - b. the individual Hazardous Air Pollutant (HAP) content for each HAP of each coating in pounds of individual HAP per gallon of coating, as applied.
 - c. the total HAP content for each HAP of each coating in pounds of total HAPS per gallon of coating, as applied (sum of all the individual HAP contents from A.III.3.b above);
 - d. the amount (in 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 HAP content of each cleanup material in pounds of total HAPs per gallon of cleanup material, as applied (sum of all the individual HAP contents from A.III.3.f above);

- h. the amount (in gallons) of each cleanup material employed;
 - i. the total individual HAP emissions for each HAP from all coatings and cleanup materials employed, in pounds per day (for each HAP, the sum of A.III.3.b times A.III.3.d for each coating and the sum of A.III.3.f times A.III.3.h for each cleanup material);
 - j. the total HAP emissions from all coatings and cleanup materials employed, in pounds per day (the sum of A.III.3.c times A.III.3.d for each coating plus the sum of A.III.3.g times A.III.3.h for each cleanup material);
 - k. the total combined rolling, 12 month summation of each individual HAP emission from both coatings and cleanup materials employed, in tons per year and lbs/year; and
 - l. the total combined rolling, 12 summation of Total HAP emissions from both coatings and cleanup materials employed, in tons per year and lbs/year.
3. The permittee shall perform weekly checks when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
- a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item (d) above or continue the weekly check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

4. The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop, in inches of water, across the baghouse during operation of this emissions unit, including periods of startup and shutdown. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop, in inches of water, across the baghouse on a weekly basis.
5. Whenever the monitored value for the pressure drop deviates from the range specified below, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation: the date and time the deviation began and the magnitude of the deviation at that time, the date(s) the investigation was conducted, the names of the personnel who conducted the investigation, and the findings and recommendations.
6. In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range specified below, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken: a description of the corrective action, the date it was completed, the date and time the deviation ended, the total period of time (in minutes) during which there was a deviation, the pressure drop readings immediately after the corrective action, and the names of the personnel who performed the work. Investigation and records required by this paragraph does not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.
7. The acceptable range for the pressure drop across the baghouse shall be based upon the manufacturer's specifications until such time as any required emission testing is conducted. The permittee manufacturer's acceptable range is 2 inches of water to 8 inches of water.
8. This range is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the range based upon information obtained during future particulate emission tests that demonstrate compliance with the allowable particulate emission rate for this emissions unit. In addition, approved revisions to the range will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a minor permit modification.

D. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

- a. an identification of each day during which the average hourly organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and
- b. an identification of each day during which the organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
- c. a deviation of the annual rolling, 12 month summation of total HAPs allowable emission rate 900 lbs/year.

The quarterly deviation reports shall be submitted in accordance with the General Terms and Conditions of this permit.

2. The permittee shall submit semiannual written reports which:
 - a. identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit; and
 - b. describe any corrective actions taken to eliminate the visible particulate emissions.

These reports shall be submitted by January 31 and July 31 of each year and shall cover the previous 6-month period.

3. The permittee shall submit quarterly reports that identify the following information concerning the operation of the control equipment during the operation of this emissions unit:
 - a. each period of time when the pressure drop across the baghouse was outside of the range specified by the manufacturer;
 - b. an identification of each incident of deviation described in (a) where a prompt investigation was not conducted;
 - c. an identification of each incident of deviation described in (a) where prompt corrective action, that would bring the pressure drop into compliance with the acceptable range, was determined to be necessary and was not taken; and
 - d. an identification of each incident of deviation described in (a) where proper records were not maintained for the investigation and/or the corrective action.

E. Testing Requirements

1. Compliance with the permit allowable mass emissions and/or control usage requirements in the air emission summary of this permit to install shall be determined in accordance with the following methods:

- a. Emission Limitation:

Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.

Applicable Compliance Method

If required, compliance shall be determined by performing visible emissions observations using Method 9 of 40 CFR Part 60, Appendix A.

- b. Emission Limitation:

2.1 lb PE/hr

Applicable Compliance Method:

If required, compliance shall be determined by performing a stack test using Methods 1 - 5 of 40 CFR Part 60, Appendix A.

- c. Emission Limitation:

40 lbs OC/day and 8 lbs OC/hr

Applicable Compliance Method:

The permittee shall demonstrate compliance by maintaining records as specified in section C.1.d and C.1.f.

- d. Emission Limitation:

900 lbs of total HAPs per rolling, 12-month summation

Applicable Compliance Method:

The permittee shall demonstrate compliance by maintaining records as specified in section C.3.i.

F. Miscellaneous Requirements

None

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Issued: 11/15/2007

The permittee shall demonstrate compliance by maintaining records as specified in section C.3.1.

F. Miscellaneous Requirements

None

SIC CODE 3087 SCC CODE 895847763644 EMISSIONS UNIT ID P009
 EMISSIONS UNIT DESCRIPTION Paint Mix line
 DATE INSTALLED TBD
 EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	attainment			2.1 lbs PE/hr.	9.8
PM ₁₀	attainment			2.1 lbs PE/hr.	9.8
Sulfur Dioxide					
Organic Compounds	attainment			8 lbs/hr and 40 lbs/day	7.3
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? no NESHAP? no PSD? no OFFSET POLICY? no

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?
Enter Determination Permit to Install 15-01669 for this air contaminant source takes into account the use of a baghouse as proposed by the permittee for the purpose of avoiding PE Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3). BAT for OC/VOC emissions is complying with the 8/40 emission limitations in accordance with OAC rule 3745-21-07(G)(2).

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? yes

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$na

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? x YES NO

U.S. Chemical and Plastics
PTI Application: 15-01669
Issued: 11/15/2007

Facility ID: 1576131795

Emissions Unit ID: P010

IDENTIFY THE AIR CONTAMINANTS:

MIBK, toluene, xylene, styrene



Emissions Unit ID: **P010**

Issued: 11/15/2007

SIC CODE 3087 SCC CODE 895847763644 EMISSIONS UNIT ID P010
 EMISSIONS UNIT DESCRIPTION Binder Mix Line
 DATE INSTALLED TBD

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	attainment			2.1 lbs PE/hr.	9.8
PM ₁₀	attainment			2.1 lbs PE/hr.	9.8
Sulfur Dioxide					
Organic Compounds	attainment			8 lbs/hr and 40 lbs/day	7.3
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? no NESHAP? no PSD? no OFFSET POLICY? no

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

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