



State of Ohio Environmental Protection Agency

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Columbus, OH 43216-1049

5/19/2009

Mr. MIKE CURRENCE
ALL AMERICAN SPORTS CORP
669 SUGAR LANE
Elyria, OH 44035

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0247040955
Permit Number: P0104537
Permit Type: Initial Installation
County: Lorain

Certified Mail

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR
No	CEMS
No	MACT
No	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
Yes	MODELING SUBMITTED

Dear Permit Holder:

Enclosed please find a final Air Pollution Permit-to-Install and Operate ("PTIO") which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully.

Ohio EPA maintains a document entitled "Frequently Asked Questions about the PTIO". The document can be downloaded from the DAPC Web page, www.epa.state.oh.us/dapc, from the "Permits" link. This document contains additional information related to your permit, such as what activities are covered under the PTIO, who has enforcement authority over the permit and Ohio EPA's authorization to inspect your facility and records. Please contact the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469 if you need assistance.

The issuance of this PTIO is a final action of the Director and may be appealed to the Environmental Review Appeals Commission ("ERAC") under Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and describe the action complained of and the grounds for the appeal. The appeal must be filed with the ERAC within thirty (30) days after notice of the Director's action. A filing fee of \$70.00 must be submitted to the ERAC with the appeal, although the ERAC, has discretion to reduce the amount of the filing fee if you can demonstrate (by affidavit) that payment of the full amount of the fee would cause extreme hardship. If you file an appeal of this action, you must notify Ohio EPA of the filing of the appeal (by providing a copy to the Director) within three (3) days of filing your appeal with the ERAC. Ohio EPA requests that a copy of the appeal also be provided to the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the ERAC at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, OH 43215

If you have any questions regarding this permit, please contact the Ohio EPA DAPC, Northeast District Office. This permit has been posted to the Division of Air Pollution Control (DAPC) Web page www.epa.state.oh.us/dapc.

Sincerely,

Michael W. Ahern, Manager
Permit Issuance and Data Management Section, DAPC

Cc: Ohio EPA-NEDO

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director



**State of Ohio Environmental Protection Agency
Division of Air Pollution Control**

FINAL

**Air Pollution Permit-to-Install and Operate
for
ALL AMERICAN SPORTS CORP**

Facility ID: 0247040955
Permit Number: P0104537
Permit Type: Initial Installation
Issued: 5/19/2009
Effective: 5/19/2009
Expiration: 5/19/2014



State of Ohio Environmental Protection Agency
 Division of Air Pollution Control

Air Pollution Permit-to-Install and Operate
 for
 ALL AMERICAN SPORTS CORP

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Final Permit-to-Install and Operate
Permit Number: P0104537
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Effective Date: 5/19/2009

Authorization

Facility ID: 0247040955
Application Number(s): A0036969
Permit Number: P0104537
Permit Description: Installation of plastic coating booth nos. 6 & 7 (R006 & R007)
Permit Type: Initial Installation
Permit Fee: \$400.00
Issue Date: 5/19/2009
Effective Date: 5/19/2009
Expiration Date: 5/19/2014
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

ALL-AMERICAN SPORTS CORP
669 SUGAR LANE
ELYRIA, OH 44035

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Ohio EPA DAPC, Northeast District Office
2110 East Aurora Road
Twinsburg, OH 43087
(330)425-9171

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section 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 described emissions unit(s) will operate in compliance with applicable State and federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski
Director



State of Ohio Environmental Protection Agency
 Division of Air Pollution Control

Final Permit-to-Install and Operate

Permit Number: P0104537

Facility ID: 0247040955

Effective Date: 5/19/2009

Authorization (continued)

Permit Number: P0104537

Permit Description: Installation of plastic coating booth nos. 6 & 7 (R006 & R007)

Permits for the following emissions unit(s) or groups of emissions units are in this document as indicated below:

Group Name: Coating spray booth nos. 6 & 7

Emissions Unit ID:	R006
Company Equipment ID:	Spray Booth #6
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	R007
Company Equipment ID:	Spray Booth #7
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable



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Final Permit-to-Install and Operate

Permit Number: P0104537

Facility ID: 0247040955

Effective Date: 5/19/2009

A. Standard Terms and Conditions



1. What does this permit-to-install and operate ("PTIO") allow me to do?

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

2. Who is responsible for complying with this permit?

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

3. What records must I keep under this permit?

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

4. What are my permit fees and when do I pay them?

There are two fees associated with permitted air contaminant sources in Ohio:

- PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

- Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

5. When does my PTIO expire, and when do I need to submit my renewal application?

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is



very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

6. What happens to this permit if my project is delayed or I do not install or modify my source?

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

7. What reports must I submit under this permit?

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.



10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the Ohio EPA DAPC, Northeast District Office in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

12. What happens if one or more emissions units operated under this permit is/are shut down permanently?

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emission unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

13. Can I transfer this permit to a new owner or operator?

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Final Permit-to-Install and Operate

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change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

15. What happens if a portion of this permit is determined to be invalid?

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.



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Division of Air Pollution Control

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Permit Number: P0104537

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Effective Date: 5/19/2009

B. Facility-Wide Terms and Conditions



1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (1) None.
 - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (1) B.2.a) and B.2.b)
2. Federally Enforceable Permit to Install and Operate P0104537 for this air contaminant source takes into account the following voluntary restrictions, regarding the emissions units specified in B.3 and B.4, as proposed by the permittee for the purpose of avoiding New Emission Standards for Hazardous Air Pollutants for the Surface Coating of Plastic Parts and Products requirements under 40 CFR Part 63, Subpart PPPP and avoiding Title V requirements under OAC rules 3745-77-02 through 3745-77-10:
 - a) The emissions of each individual hazardous air pollutant (HAP) from the emissions units specified in B.3 shall not exceed 9.99 tons/year, based on a rolling, 12-month summation, and shall be achieved by employing the operational restrictions specified in B.4 within this permit for emissions units R001 through R007.
 - b) The emissions of total combined HAPs from the emissions units specified in B.3 shall not exceed 24.99 tons/year, based on a rolling, 12-month summation, and shall be achieved by employing the operational restrictions specified in B.4 within this permit for emissions units R001 through R007.
3. Voluntary restrictions to limit potential facility-wide emissions of individual HAPs and total combined HAPs by material usage restrictions concern the following emissions units:
 - a) R001 - Coating spray application no. 1 for plastic athletic equipment manufacture with a passive filter to control particulate emissions;
 - b) R002 - Coating spray application no. 2 for plastic athletic equipment manufacture with a passive filter to control particulate emissions;
 - c) R003 - Coating spray application no. 3 for plastic athletic equipment manufacture with a passive filter to control particulate emissions;
 - d) R004 - Coating spray application no. 4 for plastic athletic equipment manufacture with a passive filter to control particulate emissions;
 - e) R005 - Coating spray application no. 5 for plastic athletic equipment manufacture with a passive filter to control particulate emissions;
 - f) R006 - Coating spray application no. 6 for plastic athletic equipment manufacture with a passive filter to control particulate emissions; and



- g) R007 - Coating spray application no. 7 for plastic athletic equipment manufacture with a passive filter to control particulate emissions.

4. Operational Restrictions

- a) The maximum annual coatings and cleanup material(s) usage for the coatings spray booths emissions units group (R001 - R007) shall not exceed 12,000 gallons based upon a rolling, 12-month summation of the materials usage rates.

To ensure enforceability during the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the permittee shall not exceed the material usage levels specified in the following table:

Month(s)	Maximum Allowable Cumulative Materials Usage, Gallons
1	2,400
1 - 2	4,800
1 - 3	7,200
1 - 4	9,600
1 - 5	12,000
1 - 6	12,000
1 - 7	12,000
1 - 8	12,000
1 - 9	12,000
1 - 10	12,000
1 - 11	12,000
1 - 12	12,000

After the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, compliance with the annual material(s) usage limitation shall be based upon a rolling, 12-month summation of the material(s) usage figures.

5. Monitoring and/or Record Keeping Requirements

- a) The permittee shall maintain monthly records of the following information for the emissions units identified in B.3.a) through B.3.g):
 - (1) the rolling, 12-month individual HAP emissions for each HAP, in tons;
 - (2) the rolling, 12-month total combined HAP emissions, in tons;
 - (3) beginning after the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the rolling, 12-month summation of the material(s) usage, in gallons; and
 - (4) also, during the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the permittee shall record the cumulative material(s) usage, in gallons, for each calendar month.

6. Reporting Requirements

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



- (1) each month during which exceedances of the rolling, 12-month emissions limitation(s) on individual HAPs and total combined HAPs from the emissions units specified in B.3 exceeded 9.99 tons of each individual HAP and 24.99 tons total combined HAPs;
- (2) for each deviation of the individual HAPs or the total combined HAPs emission limit(s), the actual rolling, 12-month emissions of individual HAPs and total combined HAPs, in tons;
- (3) all exceedances of the rolling, 12-month limitation on material(s) usage;
- (4) for the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, all exceedances of the maximum allowable cumulative material(s) usage levels;
- (5) for each deviation of the materials usage limitation or the cumulative materials usage limitation, the actual rolling, 12-month materials usages or cumulative materials usages, in gallons.

These reports shall be submitted in accordance with the reporting requirements specified in the Standard Terms and Conditions of this permit. If no deviations (excursions) occurred during a calendar quarter, the permittee shall submit a report that states that no deviations (excursions) occurred during the quarter.

7. Compliance with the allowable emission limitations in B.2 of these terms and conditions shall be determined in accordance with the following method:

a) Emission Limitations:

The emissions of each individual HAP from the emissions units specified in B.3 shall not exceed 9.99 tons/year, based on a rolling, 12-month summation.

The emissions of total combined HAPs from the emissions units specified in B.3 shall not exceed 24.99 tons/year, based on a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the operational restrictions specified in B.4.a) and the record keeping requirements specified in B.5.a).

8. Miscellaneous Requirements

a) None.



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Final Permit-to-Install and Operate

Permit Number: P0104537

Facility ID: 0247040955

Effective Date: 5/19/2009

C. Emissions Unit Terms and Conditions



1. Emissions Unit Group - Coating spray booth nos. 6 & 7: R006, R007,

EU ID	Operations, Property and/or Equipment Description
R006	Coating spray application for plastic athletic equipment manufacture with a passive filter to control particulate emissions
R007	Coating spray application for plastic athletic equipment manufacture with a passive filter to control particulate emissions

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. (d)(4) through (d)(7) and (e)(3).

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)(a)(ii)	See b)(2)a.
b.	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack serving either emissions unit shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.
c.	OAC rule 3745-17-11(A)(1)(k)	These emissions units are not subject to the emissions limit requirements of OAC rule 3745-17-11(B)(1) nor the control, inspection and record keeping requirements of OAC rule 3745-17-11(C) because hand-held cup spray guns are employed.
d.	OAC rule 3745-31-05(F) – voluntary restriction to avoid BAT	See b)(2)a.
e.	OAC rule 3745-21-07(G)(2)	Each day that a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5), is employed, the organic compound (OC) emissions from all coating materials and



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		any photochemically reactive cleanup materials shall not exceed 8 lbs/hr and 40 lbs/day from each emissions unit. See b)(2)b.
f.	OAC rule 3745-31-05(F) – voluntary restriction to avoid BAT	See b)(2)c.
g.	OAC rule 3745-31-05(D)(1)(b) - voluntary restriction to avoid MACT requirements and Title V requirements	See B.2 through B.7.

(2) Additional Terms and Conditions

- a. Federally Enforceable Permit to Install/Operate# P0104537 for these emissions units, R006 and R007, takes into account the following voluntary restrictions (including the use of any applicable air pollution control equipment) as proposed by the permittee for the purpose of avoiding Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3): a passive, dry particulate dual filter system for each emissions unit with a minimum control efficiency of 99.5%, by weight, for particulate emissions (PE). With the use of a passive, dry particulate dual filter system at each of these emissions units, R006 and R007, the controlled, potential to emit is less than ten tons of PE per year.
- b. On February 18, 2008, OAC rule 3745-21-07 was revised in its entirety; therefore, the 21-07 rule that was in effect prior to this date is no longer part of the State regulations. On April 4, 2008, the rule revision was submitted to the U.S. EPA as a revision to Ohio=s State Implementation Plan (SIP); however, until the U.S. EPA approves the revision to OAC rule 3745-21-07, the requirement to comply with the previous 21-07 rule provisions still exists as part of the federally-approved SIP for Ohio. The requirements of amended OAC rule 3745-21-07 do not apply to emissions units that are installed after February 18, 2008. The following terms and conditions, related to the hourly limitation, shall become void after U.S. EPA approves the rule revision: d)(2)f, d)(2)g, d)(2)h, e)(1)a.ii, e)(1)a.iii, f)(1)b and f)(1)c.
- c. After the revised OAC rule 3745-21-07 is added to the Ohio SIP, the OC emissions from all materials employed in these emissions units, R006 and R007, shall not exceed 126 lbs/day and 9.9 tons/year, each.

c) Operational Restrictions

- (1) The permittee shall install, operate, and maintain a dry particulate filter system for the surface coating operations associated with each of these emissions units, R006 and R007, in accordance with the manufacturer=s recommendations, instructions, and/or operating manual(s) with any modifications deemed necessary by the permittee. The dry particulate filter(s) shall be employed during all periods of coating application to control particulate emissions.



d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain records that document any time periods when the dry particulate filter system was not in service when these emissions unit(s), R006 and R007, were in operation, as well as, a record of all operations during which the dry particulate filter was not operated according to the manufacturer=s recommendations with any documented modifications made by the permittee. These records shall be maintained for a period of not less than five years and shall be made available to the Ohio EPA upon request.
- (2) The permittee shall collect and record the following information for each day for each of these emissions units, R006 and R007:
 - a. the company identification for each coating and cleanup material employed;
 - b. the number of gallons of each coating and cleanup material employed;
 - c. an identification of each material as nonphotochemically reactive or photochemically reactive;
 - d. the OC content of each coating and cleanup material, in lbs/gal;
 - e. the individual hazardous air pollutant (HAP) content of each coating and cleanup material, in lbs/gal;
 - f. the OC emissions rate for all coatings and photochemically reactive cleanup materials, in lbs/day;
 - g. the total number of hours the emissions unit was in operation;
 - h. the average, hourly OC emissions rate for all coatings and photochemically reactive cleanup materials, i.e., (f)/(g), in pounds per hour (average); and
 - i. the total OC emissions rate for all coatings and all cleanup materials, in lbs/day.

[Notes: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit. Also, the definition of Aphotochemically reactive material@ is based upon OAC rule 3745-21-01(C)(5).

After the revision to OAC rule 3745-21-07(G) is approved into the Ohio SIP, d)(2)c, d)(2)f d)(2)g and d)(2)h will be voided entirely.]

- (3) The permittee shall collect and record the following information for each month for each of these emissions units, R006 and R007:
 - a. the total emissions for all coatings and all cleanup materials of each individual HAP, in tons/month;
 - b. the total emissions for all coatings and all cleanup materials of total combined HAPs, in tons/month; and
 - c. the total volume of all coatings and all cleanup materials employed, in gal/month.



[Note: A HAP is any air pollutant listed in or pursuant to section 112(b) of the Clean Air Act (42 U.S.C. 7401 et. Seq. and amendments).]

(4) The federally enforceable permit-to-install and operate (FEPTIO) application for this/these emissions unit(s), R006 and R007, was evaluated based on the actual materials and the design parameters of the emissions unit's(s') exhaust system, as specified by the permittee. The A Toxic Air Contaminant Statute, ORC 3704.03(F), was applied to this/these emissions unit(s) for each toxic air contaminant listed in OAC rule 3745-114-01, using data from the permit application; and modeling was performed for each toxic air contaminant(s) emitted at over one ton per year using an air dispersion model such as SCREEN3, AERMOD, or ISCST3, or other Ohio EPA approved model. The predicted 1-hour maximum ground-level concentration result(s) from the approved air dispersion model, was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC), calculated as described in the Ohio EPA guidance document entitled A Review of New Sources of Air Toxic Emissions, Option A, as follows:

a. the exposure limit, expressed as a time-weighted average concentration for a conventional 8-hour workday and a 40-hour workweek, for each toxic compound(s) emitted from the emissions unit(s), (as determined from the raw materials processed and/or coatings or other materials applied) has been documented from one of the following sources and in the following order of preference (TLV was and shall be used, if the chemical is listed):

i. threshold limit value (TLV) from the American Conference of Governmental Industrial Hygienists= (ACGIH) A Threshold Limit Values for Chemical Substances and Physical Agents Biological Exposure Indices; or

ii. STEL (short term exposure limit) or the ceiling value from the American Conference of Governmental Industrial Hygienists= (ACGIH) A Threshold Limit Values for Chemical Substances and Physical Agents Biological Exposure Indices; the STEL or ceiling value is multiplied by 0.737 to convert the 15-minute exposure limit to an equivalent 8-hour TLV.

b. The TLV is divided by ten to adjust the standard from the working population to the general public (TLV/10).

c. This standard is/was then adjusted to account for the duration of the exposure or the operating hours of the emissions unit(s), i.e., AX hours per day and AY days per week, from that of 8 hours per day and 5 days per week. The resulting calculation was (and shall be) used to determine the Maximum Acceptable Ground-Level Concentration (MAGLC):

$$TLV/10 \times 8/X \times 5/Y = 4 TLV/XY = MAGLC$$

d. The following summarizes the results of dispersion modeling for the significant toxic contaminants (emitted at 1 or more tons/year) or A worst case toxic contaminant(s):

Toxic Contaminant: ethyl benzene



Maximum Hourly Emission Rate (lb/hr): 0.40 from R006 & R007 each

Predicted 1-Hour Maximum Ground-Level Concentration ($\mu\text{g}/\text{m}^3$): 113.0 from R006 & R007 combined

MAGLC ($\mu\text{g}/\text{m}^3$): 10,333

TLV (mg/m^3): 434

Toxic Contaminant: xylene

Maximum Hourly Emission Rate (lb/hr): 0.89 from R006 & R007 each

Predicted 1-Hour Maximum Ground-Level Concentration ($\mu\text{g}/\text{m}^3$): 251.2 from R006 & R007 combined

MAGLC ($\mu\text{g}/\text{m}^3$): 10,333

TLV (mg/m^3): 434

The permittee, has demonstrated that emissions of ethyl benzene and xylene, from emissions unit(s) R006 and R007, is calculated to be less than eighty per cent of the maximum acceptable ground level concentration (MAGLC); any new raw material or processing agent shall not be applied without evaluating each component toxic air contaminant in accordance with the [Toxic Air Contaminant Statute](#), ORC 3704.03(F).

- (5) Prior to making any physical changes to or changes in the method of operation of the emissions unit(s), that could impact the parameters or values that were used in the predicted 1-hour maximum ground-level concentration, the permittee shall re-model the change(s) to demonstrate that the MAGLC has not been exceeded. Changes that can affect the parameters/values used in determining the 1-hour maximum ground-level concentration include, but are not limited to, the following:
- a. changes in the composition of the materials used or the use of new materials, that would result in the emission of a new toxic air contaminant with a lower Threshold Limit Value (TLV) than the lowest TLV 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 toxic air contaminant listed in OAC rule 3745-114-01, that was modeled from the initial (or last) application; and
 - c. physical changes to the emissions unit(s) or its/their exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the [Toxic Air Contaminant Statute](#) 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 a non-restrictive change to a parameter or process operation, where compliance with the [Toxic Air Contaminant Statute](#), ORC 3704.03(F), has been documented. If the change(s) meet(s) the definition of a "modification", the permittee shall apply for and obtain a final FEPTIO prior to the



change. The Director may consider any significant departure from the operations of the emissions unit, described in the permit application, as a modification that results in greater emissions than the emissions rate modeled to determine the ground level concentration; and he/she may require the permittee to submit a permit application for the increased emissions.

(6) The permittee shall collect, record, and retain the following information for each toxic evaluation conducted to determine compliance with the AToxic Air Contaminant Statute⁶, ORC 3704.03(F):

- a. a description of the parameters/values used in each compliance demonstration and the parameters or values changed for any re-evaluation of the toxic(s) modeled (the composition of materials, new toxic contaminants emitted, change in stack/exhaust parameters, etc.);
- b. the Maximum Acceptable Ground-Level Concentration (MAGLC) for each significant toxic contaminant or worst-case contaminant, calculated in accordance with the AToxic Air Contaminant Statute⁶, ORC 3704.03(F);
- c. a copy of the computer model run(s), that established the predicted 1-hour maximum ground-level concentration that demonstrated the emissions unit(s) to be in compliance with the AToxic Air Contaminant Statute⁶, ORC 3704.03(F), initially and for each change that requires re-evaluation of the toxic air contaminant emissions; and
- d. the documentation of the initial evaluation of compliance with the AToxic Air Contaminant Statute⁶, ORC 3704.03(F), and documentation of any determination that was conducted to re-evaluate compliance due to a change made to the emissions unit(s) or the materials applied.

(7) The permittee shall maintain a record of any change made to a parameter or value used in the dispersion model, used to demonstrate compliance with the AToxic Air Contaminant Statute⁶, ORC 3704.03(F), through the predicted 1-hour maximum ground-level concentration. The record shall include the date and reason(s) for the change and if the change would increase the ground-level concentration.

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that identify the following for these emissions units, R006 and R007:

- a. all deviations (excursions) of the following emission limitations, operational restrictions and/or control device operating parameter limitations that restrict the potential to emit (PTE) of any regulated air pollutant and have been detected by the monitoring, record keeping and/or testing requirements in this permit:
 - i. any daily record showing that the dry particulate filter system was not in service or not operated according to manufacturer=s recommendations (with any documented modifications made by the permittee) when the emissions unit(s) was/were in operation;



- ii. each day during which the average hourly OC emissions rate exceeded 8 lbs/hr, and the actual, average hourly OC emissions rate;
 - iii. each day during which the daily OC emissions rate exceeded 40 lbs/day, and the actual OC emissions rate; and
 - iv. each day during which the daily OC emissions rate exceeded 126 lbs/day, and the actual OC emissions rate.
- b. the probable cause of each deviation (excursion);
 - c. any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and
 - d. the magnitude and duration of each deviation (excursion).

If no deviations (excursions) occurred during a calendar quarter, the permittee shall submit a report that states that no deviations (excursions) occurred during the quarter.

The quarterly reports shall be submitted electronically through Ohio EPA Air Services each year by January 31 (covering October to December), April 30 (covering January to March), July 31 (covering April to June), and October 31 (covering July to September), unless an alternative schedule has been established and approved by the Director (the Ohio EPA Northeast District Office).

[Note: After the revision to OAC rule 3745-21-07 is approved into the Ohio SIP, e)(1)a.ii and e)(1)a.iii shall be voided.]

- (2) The permittee shall submit annual reports that specify the total OC emissions from each of these emissions unit(s), R006 and R007, for the previous calendar year. These reports shall be submitted by April 15 of each year and shall include the actual tons of OC emitted and the allowable emission limitation, in tons/year of OC.
- (3) The permittee shall include any changes made to a parameter or value used in the dispersion model, that was used to demonstrate compliance with the Toxic Air Contaminant Statute, ORC 3704.03(F), through the predicted 1-hour maximum ground-level concentration, in the annual Permit Evaluation Report (PER). If no changes to the emissions, emissions unit(s), or the exhaust stack have been made, then the report shall include a statement to this effect.
- (4) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the Director by the due date identified in the Authorization section of this permit. The PER shall cover a reporting period of no more than 12 months for each air contaminant source identified in this permit.

f) Testing Requirements



(1) Compliance with the allowable emission limitations in b)(1) and b)(2) of these terms and conditions 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 specified by the rule.

Applicable Compliance Method:

Compliance shall be demonstrated through visible emission observations performed in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 9.

b. Emission Limitation:

The OC emissions shall not exceed 8 lbs/hr for each day that photochemically reactive materials are employed at each emissions unit.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the record keeping requirements specified in d)(2)h.

[Note: After the revision to OAC rule 3745-21-07(G) is approved into the Ohio SIP, f)(1)b will be voided entirely.]

c. Emission Limitation:

The OC emissions shall not exceed 40 lbs/day for each day that photochemically reactive materials are employed at each emissions unit.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the record keeping requirements specified in d)(2)f.

[Note: After the revision to OAC rule 3745-21-07(G) is approved into the Ohio SIP, f)(1)c will be voided entirely.]

d. Emission Limitation:

The OC emissions shall not exceed 126 lbs/day for each day that any materials are employed at each emissions unit.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the record keeping requirements specified in d)(2)i.

e. Emission Limitation:



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Final Permit-to-Install and Operate

Permit Number: P0104537

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The OC emissions shall not exceed 9.9 tons/year at each emissions unit.



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Applicable Compliance Method:

Compliance shall be demonstrated by the summation of the daily OC emissions for the calendar year, based upon the record keeping requirements specified in d)(2)i, divided by 2000 pounds/ton.

g) Miscellaneous Requirements

(1) None.