Ohio Environmental Protection Agency

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

3/12/2010

Certified Mail

Facility ID: 0125040914
Permit Number: P0082771
County: Franklin

Tracie Sorvillo
Ball Container LLC
350 McCormick Blvd.
Columbus, OH 43213-1586

RE: DRAFT AIR POLLUTION TITLE V PERMIT
Permit Type: Renewal

Dear Permit Holder:

A draft of the OAC Chapter 3745-77 Title V permit for the referenced facility has been issued. The purpose of this draft is to solicit public comments. A public notice will appear in the Ohio EPA Weekly Review and the local newspaper, The Columbus Dispatch. A copy of the public notice, the Statement of Basis, and the draft permit are enclosed. This permit can be accessed electronically on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Issued Air Pollution Control Permits" link. Comments will be accepted as a marked-up copy of the draft permit or in narrative format. Any comments must be sent to the following:

Andrew Hall
Permit Review/Development Section
Ohio EPA, DAPC
122 South Front Street
Columbus, Ohio 43215

and

Ohio EPA DAPC, Central District Office
50 West Town Street, 6th Floor
P.O. Box 1049
Columbus, OH 43216-1049

Comments and/or a request for a public hearing will be accepted within 30 days of the date the notice is published in the newspaper. You will be notified in writing if a public hearing is scheduled. A decision on processing the Title V permit will be made after consideration of comments received and oral testimony if a public hearing is conducted. You will then be provided with a Preliminary Proposed Title V permit and another opportunity to comment prior to the 45-day Proposed Title V permit submittal to U.S. EPA Region 5. The permit will be issued final after U.S. EPA review is completed and no objections to the final issuance have been received. If you have any questions, please contact Ohio EPA DAPC, Central District Office at (614)728-3778.

Sincerely,

Michael W. Ahern

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

Cc: U.S. EPA Region 5 - *Via E-Mail Notification*
Ohio EPA-CDO

Franklin County

PUBLIC NOTICE
Issuance of Draft Air Pollution Title V Permit
Ball Container LLC

Issue Date: 3/12/2010
Permit Number: P0082771
Permit Type: Renewal
Permit Description: Renewal TV PTO for K007-K010. The emissions units were issued administrative modifications per PTIO P0104113, issued final 9/22/2009. All requirements from the recently issued PTI have been transferred to the TV PTO.
Facility ID: 0125040914
Facility Location: Ball Container LLC
350 McCormick Boulevard,
Columbus, OH 43213-1586
Facility Description: Metal Can Manufacturing

Chris Korleski, Director of the Ohio Environmental Protection Agency, 50 West Town Street, Columbus Ohio, has issued a draft action of an air pollution control Title V operating permit for the facility at the location identified above on the date indicated. Comments concerning this draft action, or a request for a public meeting, must be sent in writing no later than thirty (30) days from the date this notice is published. All comments, questions, requests for permit applications or other pertinent documentation, and correspondence concerning this action must be directed to Natalie Parsons at Ohio EPA DAPC, Central District Office, 50 West Town Street, 6th Floor P.O. Box 1049 or (614)728-3778. The permit, which includes a detailed description of the operations, and associated statement of basis for the permit requirements, can be downloaded from the Web page: www.epa.ohio.gov/dapc

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Statement of Basis for Air Pollution Title V Permit

Facility ID:	0125040914
Facility Name:	Ball Container LLC
Facility Description:	Metal cans
Facility Address:	350 McCormick Boulevard, Columbus, OH 43213-1586
Permit #:	P0082771, Renewal

This facility is subject to Title V because it is major for:

☐ Lead ☐ Sulfur Dioxide ☐ Carbon Monoxide ☒ Volatile Organic Compounds ☐ Nitrogen Oxides
☐ Particulate Matter ≤ 10 microns ☐ Single Hazardous Air Pollutant ☐ Combined Hazardous Air Pollutants
☐ Maximum Available Control Technology Standard(s)

A. Standard Terms and Conditions

Has each insignificant emissions unit been reviewed to confirm it meets the definition in OAC rule 3745-77-01 (U)?	Yes.
Were there any common control issues associated with this facility? If yes, provide a summary of those issues and explain how the DAPC decided to resolve them.	No.

Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a minor permit modification per OAC rule 3745-77-08(C)(1)	The followings changes were made to K007-K010 once PTI P0104113 was issued final 9/22/2009:
	• BAT
	  ○ lb/gal VOC content of coatings
	  ○ emissions from the combustion of natural gas as fuel for the ovens associated with the coating process
	  ○ line speed limited by cans coated/minute
	  ○ The VOC content limits in 40 CFR 60, WW and 3745-21-09(D) became less stringent than BAT
	• Voluntary restriction (synthetic minor to avoid PSD)
	  ○ 9.9/24.9
	  ○ Rolling, 12-month limit 383.70 tpy VOC

	○ Rolling, 12-month limit 310 MMCF natural gas usage ○ Annual production limit of cans coated/yr • Air Toxics ○ lb/hr limit for formaldehyde and glycol ether • 20% opacity limit for all stack(s) serving the emissions units • PE emissions shall not exceed 1.72 lbs/hr and 7.5 tpy K011 was permanently shutdown in 2005.
Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a significant permit modification per OAC rule 3745-77-08(C)(3)	N/A
Please identify the affected unit(s)and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a reopening per OAC rule 3745-77-08(D)	N/A
Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document resulting from a renewal per OAC rule 3745-77-08(E)	N/A

B. Facility-Wide Terms and Conditions

Term and Condition (paragraph)	Basis		Comments
	SIP (3745-)	Other	
B.2.	77-07(U)	N	Insignificant emissions units
B.3.	77-07(U)	N	De minimis and exempt emissions units

C. Emissions Unit Terms and Conditions

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Key:
EU = emissions unit ID
ND = negative declaration (i.e., term that indicates that a particular rule(s) is (are) not applicable to a specific emissions unit)
OR = operational restriction
M = monitoring requirements
St = streamlining term used to replace a PTI monitoring, record keeping, or reporting requirement with an equivalent or more stringent requirement
ENF = did noncompliance issues drive the monitoring requirements?
R = record keeping requirements
Rp = reporting requirements
ET = emission testing requirements (not including compliance method terms)
Misc = miscellaneous requirements

EU(s)	Limitation	Basis		ND	OR	M	St	ENF	R	St	Rp	St	ET	Misc	Comments
		SIP (3745-)	Other												
K007-K010	VE from stack shall not exceed 20% opacity as a 6-minute avg.	07-A(1) (PTI P0104113)	NA	N	N	Y	N	N	Y	N	Y	N	Y	N	All requirements from PTIO P0104113 have been transferred.
K007-K010	1.72 lbs PE/hr and 7.5 tpy	17-11(B)(2) (PTI P0104113)	NA	N	N	N	N	N	N	N	N	N	Y	N	All requirements from PTIO P0104113 have been transferred. M, R, RP – If required compliance with the emission limitation shall be determined by a calculation established in the permit.
K007-K010	VOC coating content for can coating line	21-09(D) (PTI P0104113)	NA	Y	N	N	N	N	N	N	N	N	N	N	All requirements from PTIO P0104113 have been transferred. ND – The requirements of this rule are less stringent than OAC rule 3745-31-05(A)(3).
K007-K010	Basecoat: 2 lbs VOC/gal; Overvarnish: 2.3 lb VOC/gal; Inside Spray: 3.7 lb VOC/gal; and Rim Varnish: 2.3 lb VOC/gal Natural gas combustion from ovens: 15.5 lbs Nox/hr and 67.9 tpy;	31-05(A)(3) (PTI P0104113)	NA	N	N	Y	N	N	Y	N	Y	N	Y	N	All requirements from PTIO P0104113 have been transferred.

	13.02 lbs CO/hr and 57 tpy; 1.18 lbs PE/hr and 5.16 tpy; and 0.85 lbs VOC/hr and 3.73 tpy														
K007-K009	1600 cans/min	31-05(A)(3) (PTI P0104113)	NA	N	Y	Y	N	N	Y	N	N	N	Y	N	All requirements from PTIO P0104113 have been transferred. OR – limitation on can production per minute Appropriate M and R requirements have been specified. CAM does not apply RP – Quarterly reports required for annual production
K010	1400 cans/min	31-05(A)(3) (PTI P0104113)	NA	N	Y	Y	N	N	Y	N	N	N	Y	N	All requirements from PTIO P0104113 have been transferred. OR – limitation on can production per minute Appropriate M and R requirements have been specified. CAM does not apply RP – Quarterly reports required for annual production
K007-K010	VOC emissions from K007-K010 shall not exceed, as a rolling 12-month summation, 383.7 tpy from coating and cleanup materials; max production rate of 2,950,771,000 cans coated/yr; HAP emissions are limited to 9.9 and 24.9 tpy; max natural gas usage for K007-K010	31-05(D) (PTI P0104113)	NA	N	Y	Y	N	N	Y	N	Y	N	Y	N	All requirements from PTIO P0104113 have been transferred. OR – limitation on annual production rate of cans coated/yr Appropriate M, R, and RP requirements have been specified. CAM does not apply

	shall be limited to 310 MMCF per yr, as a rolling, 12-month summation														
K007-K010	Air toxic emissions shall not exceed 0.337 lb/hr formaldehyde and 2.4 lbs/hr glycol ether	114-01 (PTI P0104113)	NA	N	N	Y	N	N	Y	N	Y	N	N	N	All requirements from PTIO P0104113 have been transferred. ET – Modeling was performed to determine the applicable emission limitations for each air toxic. Any changes to the parameters of the dispersion model shall be maintained by the permittee.
K007-K010	VOC coating content for can coating line	NA	60, WW (PTI P0104113)	Y	N	N	N	N	N	N	N	N	N	N	All requirements from PTIO P0104113 have been transferred. ND – The requirements of this rule are less stringent than OAC rule 3745-31-05(A)(3).

Ohio | Environmental Protection Agency

DRAFT

Division of Air Pollution Control
Title V Permit
for
Ball Container LLC

Facility ID: 0125040914
Permit Number: P0082771
Permit Type: Renewal
Issued: 3/12/2010
Effective: To be entered upon final issuance
Expiration: To be entered upon final issuance

Ohio Environmental Protection Agency

Division of Air Pollution Control
Title V Permit
for
Ball Container LLC

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Authorization

Facility ID: 0125040914
Facility Description: Metal cans
Application Number(s): A0013116
Permit Number: P0082771
Permit Description: Renewal TV PTO for K007-K010. The emissions units were issued administrative modifications per PTIO P0104113, issued final 9/22/2009. All requirements from the recently issued PTI have been transferred to the TV PTO.
Permit Type: Renewal
Issue Date: 3/12/2010
Effective Date: To be entered upon final issuance
Expiration Date: To be entered upon final issuance
Superseded Permit Number: P0082770

This document constitutes issuance of an OAC Chapter 3745-77 Title V permit to:

Ball Container LLC
350 McCormick Boulevard
Columbus, OH 43213-1586

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

Ohio EPA DAPC, Central District Office
50 West Town Street, 6th Floor
P.O. Box 1049
Columbus, OH 43216-1049
(614)728-3778

The above named entity is hereby granted a Title V permit pursuant to Chapter 3745-77 of the Ohio Administrative Code. This permit and the authorization to operate the air contaminant sources (emissions units) at this facility shall expire at midnight on the expiration date shown above. You will be sent a notice approximately 18 months prior to the expiration date regarding the renewal of this permit. If you do not receive a notice, please contact the Ohio EPA DAPC, Central District Office. If a renewal permit is not issued prior to the expiration date, the permittee may continue to operate pursuant to OAC rule 3745-77-08(E) and in accordance with the terms of this permit beyond the expiration date, if a timely renewal application is submitted. A renewal application will be considered timely if it is submitted no earlier than 18 months (540 days) and no later than 6 months (180 days) prior to the expiration date.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski
Director

A. Standard Terms and Conditions

1. Federally Enforceable Standard Terms and Conditions

a) All Standard Terms and Conditions are federally enforceable, with the exception of those listed below which are enforceable under State law only:

(1) Standard Term and Condition A. 24., Reporting Requirements Related to Monitoring and Record Keeping Requirements of State-Only Enforceable Permit Terms and Conditions

(2) Standard Term and Condition A. 25., Records Retention Requirements for State-Only Enforceable Permit Terms and Conditions

(3) Standard Term and Condition A. 27., Scheduled Maintenance/Malfunction Reporting

(4) Standard Term and Condition A. 29., Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

(Authority for term: ORC 3704.036(A))

2. Monitoring and Related Record Keeping and Reporting Requirements

a) Except as may otherwise be provided in the terms and conditions for a specific emissions unit (i.e., in section C. Emissions Unit Terms and Conditions of this Title V permit), the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

(1) The date, place (as defined in the permit), and time of sampling or measurements.

(2) The date(s) analyses were performed.

(3) The company or entity that performed the analyses.

(4) The analytical techniques or methods used.

(5) The results of such analyses.

(6) The operating conditions existing at the time of sampling or measurement.

(Authority for term: OAC rule 3745-77-07(A)(3)(b)(i))

b) Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

(Authority for term: OAC rule 3745-77-07(A)(3)(b)(ii))

c) The permittee shall submit required reports in the following manner:

(1) All reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations caused by malfunctions shall be submitted in the following manner:

Any malfunction, as defined in OAC rule 3745-15-06(B)(1), shall be promptly reported to the Ohio EPA in accordance with OAC rule 3745-15-06. In addition, to fulfill the OAC rule 3745-77-07(A)(3)(c) deviation reporting requirements for malfunctions, written reports that identify each malfunction that occurred during each calendar quarter (including each malfunction reported only verbally in accordance with OAC rule 3745-15-06) shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year in accordance with Standard Term and Condition A.2.c)(2) below; and each report shall cover the previous calendar quarter. An exceedance of the visible emission limitations specified in OAC rule 3745-17-07(A)(1) that is caused by a malfunction is not a violation and does not need to be reported as a deviation if the owner or operator of the affected air contaminant source or air pollution control equipment complies with the requirements of OAC rule 3745-17-07(A)(3)(c).

In accordance with OAC rule 3745-15-06, a malfunction reportable under OAC rule 3745-15-06(B) constitutes a violation of an emission limitation (or control requirement) and, therefore, is a deviation of the federally enforceable permit requirements. Even though verbal notifications and written reports are required for malfunctions pursuant to OAC rule 3745-15-06, the written reports required pursuant to this term must be submitted quarterly to satisfy the prompt reporting provision of OAC rule 3745-77-07(A)(3)(c).

In identifying each deviation caused by a malfunction, the permittee shall specify the emission limitation(s) (or control requirement(s)) for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. For a specific malfunction, if this information has been provided in a written report that was submitted in accordance with OAC rule 3745-15-06, the permittee may simply reference that written report to identify the deviation. Nevertheless, all malfunctions, including those reported only verbally in accordance with OAC rule 3745-15-06, must be reported in writing on a quarterly basis.

Any scheduled maintenance, as referenced in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described above for malfunctions.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))

(2) Except as may otherwise be provided in the terms and conditions for a specific emissions unit (i.e., in section C. Emissions Unit Terms and Conditions of this Title V permit or, in some cases, in section B. Facility-Wide Terms and Conditions of this Title V permit), all reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations of the emission limitations, operational restrictions, and control device operating parameter limitations shall be submitted in the following manner:

Written reports of (a) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, (b) the probable cause of such deviations, and (c) any corrective actions or preventive

measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. Except as provided below, the written reports shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

In identifying each deviation, the permittee shall specify the emission limitation(s), operational restriction(s), and/or control device operating parameter limitation(s) for which the deviation occurred, describe each deviation, and provide the estimated magnitude and duration of each deviation.

These written deviation reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations. Full compliance with OAC rule 3745-77-07(A)(3)(c) requires reporting of all other deviations of the federally enforceable requirements specified in the permit as required by such rule.

If an emissions unit has a deviation reporting requirement for a specific emission limitation, operational restriction, or control device operating parameter limitation that is not on a quarterly basis (e.g., within 30 days following the end of the calendar month, or within 30 or 45 days after the exceedance occurs), that deviation reporting requirement satisfies the reporting requirements specified in this Standard Term and Condition for that specific emission limitation, operational restriction, or control device parameter limitation. Following the provisions of that non-quarterly deviation reporting requirement will also satisfy (for the deviations so reported) the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations, and additional quarterly deviation reports for that specific emission limitation, operational restriction, or control device parameter limitation are not required pursuant to this Standard Term and Condition.

See A.29 below if no deviations occurred during the quarter.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))

(3) All reporting required in accordance with the OAC rule 3745-77-07(A)(3)(c) for other deviations of the federally enforceable permit requirements which are not reported in accordance with Standard Term and Condition A.2)c)(2) above shall be submitted in the following manner:

Unless otherwise specified by rule, written reports that identify deviations of the following federally enforceable requirements contained in this permit; Standard Terms and Conditions: A.3, A.4, A.5, A.7.e), A.8, A.13, A.15, A.19, A.20, A.21, and A.23 of this Title V permit, as well as any deviations from the requirements in section C. Emissions Unit Terms and Conditions of this Title V permit, and any monitoring, record keeping, and reporting requirements, which are not reported in accordance with Standard Term and Condition A.2.c)(2) above shall be submitted (i.e., postmarked) to the appropriate Ohio EPA District Office or local air agency by January 31 and July 31 of each year; and each report shall cover the previous six calendar months. Unless otherwise specified by rule, all other deviations from federally enforceable requirements identified in this permit shall be submitted annually as part of the annual compliance certification, including deviations of federally enforceable requirements not specifically addressed by permit or rule for the insignificant activities or emissions levels (IEU) identified in section B. Facility-Wide

Terms and Conditions of this Title V permit. Annual reporting of deviations is deemed adequate to meet the deviation reporting requirements for IEUs unless otherwise specified by permit or rule.

In identifying each deviation, the permittee shall specify the federally enforceable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation.

These semi-annual and annual written reports shall satisfy the reporting requirements of OAC rule 3745-77-07(A)(3)(c) for any deviations from the federally enforceable requirements contained in this permit that are not reported in accordance with Standard Term and Condition A.2.c)(2) above.

If no such deviations occurred during a six-month period, the permittee shall submit a semi-annual report which states that no such deviations occurred during that period.
(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii) and OAC rule 3745-77-07(A)(13)(b))

(4) Each written report shall be signed by a responsible official certifying that, "based on information and belief formed after reasonable inquiry, the statements and information in the report (including any written malfunction reports required by OAC rule 3745-15-06 that are referenced in the deviation reports) are true, accurate, and complete."
(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iv))

(5) Reports of any required monitoring and/or record keeping information shall be submitted to Ohio EPA DAPC, Central District Office.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))

3. Scheduled Maintenance

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. Except as provided in OAC rule 3745-15-06(A)(3), any scheduled maintenance 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). Any scheduled maintenance, as defined in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described for malfunctions in Standard Term and Condition A.2.c)(1) above.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))

4. Risk Management Plans

If applicable, the permittee shall develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq. ("Act"); and, pursuant to 40 C.F.R. 68.215(a), the permittee shall submit either of the following:

a) a compliance plan for meeting the requirements of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. 68.10(a) and OAC 3745-104-05(A); or

b) as part of the compliance certification submitted under 40 C.F.R. 70.6(c)(5), a certification statement that the source is in compliance with all requirements of 40 C.F.R. Part 68 and OAC Chapter 3745-104, including the registration and submission of the risk management plan.

(Authority for term: OAC rule 3745-77-07(A)(4))

5. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

(Authority for term: OAC rule 3745-77-07(A)(5))

6. Severability Clause

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.

(Authority for term: OAC rule 3745-77-07(A)(6))

7. General Requirements

a) The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.

b) It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.

c) This permit may be modified, reopened, revoked, or revoked and reissued, for cause, in accordance with Standard Term and Condition A.11 below. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.

d) This permit does not convey any property rights of any sort, or any exclusive privilege.

e) 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 request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

f) Except as otherwise indicated below, this Title V permit, or permit modification, is effective for five years from the original effective date specified in the permit. In the event that this facility becomes eligible for non-title V permits, this permit shall cease to be enforceable when:

(1) the permittee submits an approved facility-wide potential to emit analysis supporting a claim that the facility no longer meets the definition of a "major source" as defined in OAC rule 3745-77-01(W) based on the permanent shutdown and removal of one or more emissions units identified in this permit; or

(2) the permittee no longer meets the definition of a "major source" as defined in OAC rule 3745-77-01(W) based on obtaining restrictions on the facility-wide potential(s) to emit that are federally enforceable or legally and practically enforceable ; or

(3) a combination of (1) and (2) above.

The permittee shall continue to comply with all applicable OAC Chapter 3745-31 requirements for all regulated air contaminent sources once this permit ceases to be enforceable. The permittee shall comply with any residual requirements, such as quarterly deviation reports, semi-annual deviation reports, and annual compliance certifications covering the period during which this Title V permit was enforceable. All records relating to this permit must be maintained in accordance with law.
(Authority for term: OAC rule 3745-77-01(W), OAC rule 3745-77-07(A)(3)(b)(ii), OAC rule 3745-77(A)(7))

8. 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.
(Authority for term: OAC rule 3745-77-07(A)(8))

9. Marketable Permit Programs

No revision of this permit is required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in this permit.
(Authority for term: OAC rule 3745-77-07(A)(9))

10. Reasonably Anticipated Operating Scenarios

The permittee is hereby authorized to make changes among operating scenarios authorized in this permit without notice to the Ohio EPA, but, contemporaneous with making a change from one operating scenario to another, the permittee must record in a log at the permitted facility the scenario under which the permittee is operating. The permit shield provided in these standard terms and conditions shall apply to all operating scenarios authorized in this permit.
(Authority for term: OAC rule 3745-77-07(A)(10))

11. Reopening for Cause

This Title V permit will be reopened prior to its expiration date under the following conditions:

a) Additional applicable requirements under the Act become applicable to one or more emissions units covered by this permit, and this permit has a remaining term of three or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to paragraph (E)(1) of OAC rule 3745-77-08.

b) This permit is issued to an affected source under the acid rain program and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit, and shall not require a reopening of this permit.

c) The Director of the Ohio EPA or the Administrator of the U.S. EPA determines that the federally applicable requirements in this permit are based on a material mistake, or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of this permit related to such federally applicable requirements.

d) The Administrator of the U.S. EPA or the Director of the Ohio EPA determines that this permit must be revised or revoked to assure compliance with the applicable requirements.

(Authority for term: OAC rules 3745-77-07(A)(12) and 3745-77-08(D))

12. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.
(Authority for term: OAC rule 3745-77-07(B))

13. Compliance Requirements

a) Any document (including reports) required to be submitted and required by a federally applicable requirement in this Title V permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.

b) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:

(1) At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.

(2) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with paragraph (E) of OAC rule 3745-77-03.

(3) Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.

(4) As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.

c) The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:

(1) Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.

(2) An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

d) Compliance certifications concerning the terms and conditions contained in this permit that are federally enforceable emission limitations, standards, or work practices, shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) and the Administrator of the U.S. EPA in the following manner and with the following content:

(1) Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted (i.e., postmarked) on or before April 30th of each year during the permit term.

(2) Compliance certifications shall include the following:

a. An identification of each term or condition of this permit that is the basis of the certification.

b. The permittee's current compliance status.

c. Whether compliance was continuous or intermittent.

d. The method(s) used for determining the compliance status of the source currently and over the required reporting period.

e. Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.

(3) Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

(Authority for term: OAC rules 3745-77-07(C)(1),(2),(4) and (5) and ORC section 3704.03(L))

14. Permit Shield

a) Compliance with the terms and conditions of this permit (including terms and conditions established for alternate operating scenarios, emissions trading, and emissions averaging, but excluding terms and conditions for which the permit shield is expressly prohibited under OAC rule 3745-77-07) shall be deemed compliance with the applicable requirements identified and addressed in this permit as of the date of permit issuance.

b) This permit shield provision shall apply to any requirement identified in this permit pursuant to OAC rule 3745-77-07(F)(2), as a requirement that does not apply to the source or to one or more emissions units within the source.

(Authority for term: OAC rule 3745-77-07(F))

15. Operational Flexibility

The permittee is authorized to make the changes identified in OAC rule 3745-77-07(H)(1)(a) to (H)(1)(c) within the permitted stationary source without obtaining a permit revision, if such change is not a modification under any provision of Title I of the Act [as defined in OAC rule 3745-77-01(JJ)], and does not result in an exceedance of the emissions allowed under this permit (whether expressed therein as a rate of emissions or in terms of total emissions), and the permittee provides the Administrator of the U.S. EPA and the appropriate Ohio EPA District Office or local air agency with written notification within a minimum of seven days in advance of the proposed changes, unless the change is associated with, or in response to, emergency conditions. If less than seven days notice is provided because of a need to respond more quickly to such emergency conditions, the permittee shall provide notice to the Administrator of the U.S. EPA and the appropriate District Office of the Ohio EPA or local air agency as soon as possible after learning of the need to make the change. The notification shall contain the items required under OAC rule 3745-77-07(H)(2)(d).

(Authority for term: OAC rules 3745-77-07(H)(1) and (2))

16. Emergencies

The permittee shall have an affirmative defense of emergency to an action brought for noncompliance with technology-based emission limitations if the conditions of OAC rule 3745-77-07(G)(3) are met. This emergency defense provision is in addition to any emergency or upset provision contained in any applicable requirement.

(Authority for term: OAC rule 3745-77-07(G))

17. Off-Permit Changes

The owner or operator of a Title V source may make any change in its operations or emissions at the source that is not specifically addressed or prohibited in the Title V permit, without obtaining an amendment or modification of the permit, provided that the following conditions are met:

a) The change does not result in conditions that violate any applicable requirements or that violate any existing federally enforceable permit term or condition.

b) The permittee provides contemporaneous written notice of the change to the Director and the Administrator of the U.S. EPA, except that no such notice shall be required for changes that qualify as insignificant emissions levels or activities as defined in OAC rule 3745-77-01(U). Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted, and any federally applicable requirement that would apply as a result of the change.

c) The change shall not qualify for the permit shield under OAC rule 3745-77-07(F).

d) The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.

e) The change is not subject to any applicable requirement under Title IV of the Act or is not a modification under any provision of Title I of the Act.

Paragraph (I) of rule 3745-77-07 of the Administrative Code applies only to modification or amendment of the permittee's Title V permit. The change made may require a permit-to-install under Chapter 3745-31 of the Administrative Code if the change constitutes a modification as defined in that Chapter. Nothing in paragraph (I) of rule 3745-77-07 of the Administrative Code shall affect any applicable obligation under Chapter 3745-31 of the Administrative Code.
(Authority for term: OAC rule 3745-77-07(I))

18. Compliance Method Requirements

Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be construed to waive any defenses otherwise available to the permittee, including but not limited to, any challenge to the Credible Evidence Rule (see 62 Fed. Reg. 8314, Feb. 24, 1997), in the context of any future proceeding.
(This term is provided for informational purposes only.)

19. Insignificant Activities or Emissions Levels

Each IEU that has one or more applicable requirements shall comply with those applicable requirements.
(Authority for term: OAC rule 3745-77-07(A)(1))

20. Permit to Install Requirement

Prior to the "installation" or "modification" of any "air contaminant source," as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.
(Authority for term: OAC rule 3745-77-07(A)(1))

21. 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.
(Authority for term: OAC rule 3745-77-07(A)(1))

22. Permanent Shutdown of an Emissions Unit

The permittee may notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification from the responsible official that identifies the date on which the emissions unit was permanently shut down. Authorization to operate the affected emissions unit shall cease upon the date certified by the responsible official that the emissions unit was permanently shut down.

After the date on which an emissions unit is permanently shut down (i.e., that 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 and therefore ceases to meet the definition of an "emissions unit" as defined in OAC rule 3745-77-01(O)), rendering existing permit terms and conditions irrelevant, the permittee shall not be required, after the date of the certification and submission to Ohio EPA, to meet any Title V permit requirements applicable to that emissions unit, except for any residual requirements, such as the quarterly deviation reports, semi-annual deviation reports and annual compliance certification covering the period during which the emissions unit last operated. All records relating to the shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law.

No emissions unit certified by the responsible official as being permanently shut down may resume operation without first applying for and obtaining a permit to install pursuant to OAC Chapter 3745-31.
(Authority for term: OAC rule 3745-77-01)

23. Title VI Provisions

If applicable, the permittee shall comply with the standards for recycling and reducing emissions of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices specified in 40 CFR 82.156.

b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment specified in 40 CFR 82.158.

c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

(Authority for term: OAC rule 3745-77-01(H)(11))

24. Reporting Requirements Related to Monitoring and Record Keeping Requirements Under State Law Only

The permittee shall submit required reports in the following manner:

a) Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

b) Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (i) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (i.e., postmarked) quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

25. Records Retention Requirements Under State Law Only

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

26. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and 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.
(Authority for term: OAC rule 3745-77-07(C))

27. 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).

28. 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.
(Authority for term: OAC rule 3745-77-01(C))

29. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

If no emission limitation (or control requirement), operational restriction and/or control device parameter limitation deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

The permittee is not required to submit a quarterly report which states that no deviations occurred during that quarter for the following situations:

a) where an emissions unit has deviation reporting requirements for a specific emission limitation, operational restriction, or control device parameter limitation that override the deviation reporting requirements specified in Standard Term and Condition A.2.c)(2); or

b) where an uncontrolled emissions unit has no monitoring, record keeping, or reporting requirements and the emissions unit's applicable emission limitations are established at the potentials to emit; or

c) where the company's responsible official has certified that an emissions unit has been permanently shut down.

B. Facility-Wide Terms and Conditions

1. All the following facility-wide terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:

   a) None.

2. The following insignificant emissions units located at this facility must comply with all applicable State and federal regulations, as well as any emission limitations and/or control requirements contained within the identified permit-to-install for the emissions unit. The insignificant emissions units listed below are subject to one or more applicable requirement contained in a permit-to-install, or in the SIP-approved versions of OAC Chapters 3745-17, 3745-18, and 3745-21.

   B001 – process water heater, PH-1
   B002 – process water heater, PH-2
   B003 – process water heater, PH-3
   B004 – process water heater, PH-4
   L002 – solvent parts cleaner, SK-2
   P001 – can bodymakers and trimmers
   P003 – aluminum scrap handling system with cyclone
   P004 – lime storage silo
   P005 – shot blaster
   T001 – base coat bulk storage tank
   T002 – inside spray bulk storage
   T003 – overvarnish bulk storage tank
   T004 – waste oil storage tank A
   T005 – waste oil storage tank B
   T006 – waste oil storage tank C
   T007 – overvarnish day storage tank
   T008 – inside spray day storage tank
   T009 – basecoater day storage tank
   T010 – D&I bulk lube storage tank
   T011 – diesel fuel storage tank (500 gallons)

   [Authority for term: OAC rule 3745-77-01(U)]

3. The following insignificant emissions units located at this facility are exempt from permit requirements because they are not subject to any applicable requirements or because they meet the “de minimis” criteria established in OAC rule 3745-15-05:

   B005 – warehouse heater
   B006 – washer ovens
   B007 – grouped combustion units that do not have individual fuel meters
   L001 – solvent parts cleaner, SK-1
   T012 – washer chemical tank (10,000 gallons – 35% sulfuric acid)
   T013 – wastewater tank, CE tank 1
   T014 – wastewater tank, CE tank 2
   T015 – wastewater tank, CE tank 3

   [Authority for term: OAC rule 3745-77-01(U)]

4. The emissions unit K011 was permanently shutdown in 2005.

C. Emissions Unit Terms and Conditions

1. Emissions Unit Group - Two piece can coating lines: K007, K008, K009, K010,

EU ID	Operations, Property and/or Equipment Description
K007	Can Line 1 includes a washer and drying oven; decorator and oven; printer, over varnisher, bottom varnisher, and oven; inside sprayer and oven; and cleanup solvent usages.
K008	Can Line 2 includes a washer and drying oven; printer, over varnisher, bottom varnisher, and oven; inside sprayer and oven; and cleanup solvent usage.
K009	Can Line 3 includes a washer and drying oven; printer, over varnisher, bottom varnisher, and oven; inside sprayer and oven; and cleanup solvent usage.
K010	Can Line 4 includes a washer and drying oven; basecoater and oven; printer, over varnisher, bottom varnisher, and oven; inside sprayer and oven; and cleanup solvent usages.

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:

(1) 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 3745-17-07(A)(1)	Visible particulate emissions from each stack shall not exceed 20% opacity as a six-minute average, except as provided by rule.
b.	OAC rule 3745-17-11(B)(2)	Particulate emissions (PE) from coating overspray shall not exceed 1.72 lbs PE/hr and 7.5 tons PE/yr.
c.	OAC rule 3745-21-09(D)	The emissions limitations specified in this rule are less stringent than the limitations specified in OAC rule 3745-31-05(A)(3).
d.	OAC rule 3745-31-05(A)(3) (PTI # P0104113, issued 9/22/2009)	<u>Coatings Emissions</u> Volatile organic compounds (VOC) emissions from the coating operations shall not exceed the following: Basecoat: 2.0 pounds of VOC per gallon of coating excluding water and exempt solvents; Overvarnish: 2.3 lb VOC/gal coating excluding water and exempt solvents;

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		Inside Spray: 3.7 lb VOC/gal coating excluding water and exempt solvents; and, Rim Varnish: 2.3 lb VOC/gal coating excluding water and exempt solvents. <u>Emissions from the combustion of natural gas as fuel in the ovens shall not exceed the following:</u> 15.5 lbs of nitrogen oxide (NOx)/hr and 67.9 tons of NOx/yr; 13.02 lbs of carbon monoxide (CO)/hr and 57.0 tons of CO/yr; 1.18 lbs of PE/hr and 5.16 tons of PE/yr; 0.85 lbs of VOC/hr and 3.73 tons of VOC/yr; See b)(2)a. and b(2)b. below.
e.	OAC rule 3745-31-05(D) (Synthetic Minor to avoid PSD)	VOC emissions from K007, K008, K009, and K010 shall not exceed, as a rolling 12-month summation, 383.7 tons per year from coating and cleanup material usage. See. b)(2)c., b)(2)d., b)(2)e. and b)(2)f. below.
f.	OAC rule 3745-114-01	See d)(6)-(9) and e)(4)
g.	40 CFR Part 60, Subpart WW	The emissions limitations specified in this rule are less stringent than the limitations specified in OAC rule 3745-31-05(A)(3).

(2) Additional Terms and Conditions

a. The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(D), OAC rule 3745-17-11(B)(2), and OAC rule 3745-17-07(A)(1).

b. Each can line shall not exceed 1600 cans per minute for can lines K007, K008, K009 and 1400 cans per minute for can line K010, calculated as a monthly average.

c. The maximum production rate from emission units K007, K008, K009, and K010 shall not exceed a total of 2,950,771,000 cans coated per year, as a rolling, 12-month summation.

d. Emission units K007, K008, K009, and K010 have been in operation for more than 12 months and, as such, the permittee has existing records to generate the rolling, 12-month summation of the VOC emissions, upon issuance of this permit.

e. The facility-wide individual and combined hazardous air pollutant (HAP) emissions are effectively limited to less than 9.9 tons and 24.9 tons per year, respectively by limiting the cans coated per year of K007-K010 to less than 2,950,771,000 cans coated per year.

f. The maximum natural gas usage for K007, K008, K009, and K010 shall be limited to 310 million cubic feet (MMCF) per year, as a rolling, 12-month summation.

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall perform daily 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 minimize or 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 daily 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.

[Authority for term: OAC rule 3745-77-07(A)(3)]

(2) The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, modify the above-mentioned frequencies for performing the visible emissions checks if operating experience indicates that less frequent visible emissions checks would be sufficient to ensure compliance with the above-mentioned applicable requirements.

[Authority for term: OAC rule 3745-77-07(A)(3)(c)]

(3) The permittee shall maintain monthly records of the following for emissions units K007, K008, K009, and K010:

a. the company identification of each coating and cleanup material employed;

b. the name and identification number/code of each coating, thinner, additive, cleanup material, and any other material containing any HAP;

c. the total number of gallons of each coating and cleanup material employed;

d. the volatile organic compound (VOC), individual hazardous air pollutant (HAP), and total HAP content of each coating and cleanup material employed, in pounds per gallon;

e. the VOC, individual HAP, and total HAP emissions from each coating and cleanup material employed, in pounds;

f. the total VOC, individual HAP, and total HAP emissions from the emission units for all coatings and cleanup materials employed, in pounds;

g. the updated rolling, 12-month summation of the total VOC, individual HAP, and total HAP emissions, in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months.

h. the total gallons of all coatings and cleanup materials employed for all coatings and cleanup materials employed; and

i. the updated rolling, 12-month summation for usage of all coatings and cleanup materials employed, in gallons. This shall include the information for the current month and the preceding eleven calendar months.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) The permittee shall maintain monthly records of the following information:

a. the average can speed of each line, in cans per minute;

b. the production rate for each month; and

c. the rolling, 12-month summation of the production rates.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(5) The permittee shall collect and record the following for emissions units K007, K008, K009, and K010 on a monthly basis:

a. the total natural gas usage, in MMCF; and

b. the rolling, 12-month summation of natural gas usage, in MMCF.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(6) The permittee shall collect and record the following information on a monthly basis for the coating and cleanup materials applied in this emissions unit:

a. the number of gallons of coating applied during the month;

b. the maximum daily volume-weighted average VOC content calculated for $(C_{VOC,2})_A$ during the month;

c. the total VOC emissions from all coatings applied during the month, i.e., the product of the “a” times “b”;

d. the name and identification of each cleanup material employed;

e. the VOC content of each cleanup material, in pounds per gallon;

f. the number of gallons of each cleanup material employed;

g. the total VOC emission rate from all cleanup materials, in pounds or tons, i.e., the summation of the products of “e” times “f” for all cleanup materials employed; and

h. the total VOC emissions from all coatings and cleanup materials employed, in pounds or tons, the sum of “c” and “g”.

These monthly records shall be maintained for the purpose of determining annual VOC emissions for the emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(7) The federally enforceable permit-to-install and operate (FEPTIO) application for this/these emissions unit(s), K007, K008, K009, and K010, 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 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 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) 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) 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., X hours per day and Y 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 worst case toxic contaminant(s):

Toxic Contaminant: Formaldehyde

TLV (mg/m3): 9 mg/m3

Maximum Hourly Emission Rate (lbs/hr): 0.337 lbs/hr

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 4.56 ug/m3

MAGLC (ug/m3): 8.76

Toxic Contaminant: EGBE (glycol ether)

TLV (mg/m3): 2302 mg/m3

Maximum Hourly Emission Rate (lbs/hr): 2.4 lbs/hr

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 131.87 ug/m3

MAGLC (ug/m3): 2302.07

The permittee, has demonstrated that emissions of formaldehyde and EGBE, from emissions units K007, K008, K009, and K010 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).

[Authority for term: ORC 3704.03(F)(3)(c)-F(4), OAC rule 3745-114-01, Option A, Engineering Guide #70]

(8) 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.

[Authority for term: ORC 3704.03(F)(3)(c)-F(4), OAC rule 3745-114-01, Option A, Engineering Guide #70]

(9) The permittee shall collect, record, and retain the following information for each toxic evaluation conducted to determine compliance with the Toxic Air Contaminant Statute, 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 Toxic Air Contaminant Statute, 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 Toxic Air Contaminant Statute, 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 Toxic Air Contaminant Statute, 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.

[Authority for term: ORC 3704.03(F)(3)(c)-F(4), OAC rule 3745-114-01, Option A, Engineering Guide #70]

(10) 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 Toxic Air Contaminant Statute 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.

[Authority for term: ORC 3704.03(F)(3)(c)-F(4), OAC rule 3745-114-01, Option A, Engineering Guide #70]

e) Reporting Requirements

(1) The permittee shall submit semiannual written reports that identify:

a. all days during which any visible particulate emissions were observed from the stack serving this emissions unit; and

b. any corrective actions taken to minimize or eliminate the visible particulate emissions.

These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall submit quarterly deviation (excursion) reports that identify:

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. 383.7 tons VOC per year as a rolling, 12-month summation;

ii. a maximum production rate of 2,950,771,000 cans coated per year, as a rolling, 12-month summation.

iii. 310 MMCF of natural gas usage per year, as a rolling, 12-month summation;

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 appropriate District Office or local air agency).

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall notify the Central District Office in writing of each daily record showing an exceedance of the VOC content limitations in b)(1)d. above. The notification shall include a copy of such record and shall be sent to the Central District Office within 30 days after the exceedance occurs.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) The permittee shall also submit annual reports that specify the total VOC emissions from this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(5) 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 quarterly deviation (excursion) reports. 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.

[Authority for term: ORC 3704.03(F)(3)(c)-F(4), OAC rule 3745-114-01, Option A, Engineering Guide #70]

f) Testing Requirements

(1) Compliance with the emission limitations in Section b)(1) shall be determined in accordance with the following methods:

a. Emission Limitation:

Visible particulate emissions from each stack shall not exceed 20 percent opacity as a six-minute average, except as specified by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emission observations performed in accordance with U.S. EPA Method 9.

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation:

1.72 lbs of PE per hour and 7.5 tons/yr from coating overspray

Applicable Compliance Method

Compliance with the hourly particulate emission limitation shall be based on the worst case scenario from inside spray determined by utilizing the following equation:

E= inside spray application rate (gal/hr) x density (lb/gal) x solids content (%) x (1-TE) x (1-CE) / annual operating time (hr)

Where:

E= particulate emission rate (lbs/hr)

TE= transfer efficiency

CE= capture efficiency

If required, the permittee shall determine compliance in accordance with 40 CFR Part 60, Appendix A, Method 5.

Compliance with the annual emission limitation may be demonstrated by multiplying the hourly emission limitation by a maximum operating schedule of 8760 hours per year and dividing by a conversion factor of 2000 pounds per ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitations:

Basecoat - 2.0 lbs VOC/gallon, excluding water and exempt solvents
Overvarnish - 2.3 lbs VOC/ gallon, excluding water and exempt solvents

Inside Spray - 3.7 lbs VOC/gallon, excluding water and exempt solvents
Rim Varnish - 2.3 lb VOC/ gal excluding water and exempt solvents

Applicable Compliance Method

Compliance shall be based upon the recordkeeping requirements specified in section d)(3) of the terms and conditions of this permit. Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the coatings.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d. Emission Limitation:

15.5 lbs NOx per hour from combustion of natural gas

Applicable Compliance Method:

The permittee shall demonstrate compliance with the hourly emission limitation by multiplying the maximum MMCF of natural gas combusted/hour by the AP 42 factor of 100 lbs/MMCF (AP-42, Section 1.4, Table 1.4-1[7/98])

[Authority for term: OAC rule 3745-77-07(C)(1)]

e. Emission Limitation:

67.89 tons NOx per year from combustion of natural gas

Applicable Compliance Method:

Compliance with the annual emission limitation shall be demonstrated by multiplying the hourly emission limitation by a maximum operating schedule of 8760 hours per year and dividing by a conversion factor of 2000 lbs per ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f. Emission Limitation:

13.02 lbs CO per hour from combustion of natural gas

Applicable Compliance Method:

The permittee shall demonstrate compliance with the hourly emission limitation by multiplying the maximum MMCF of natural gas combusted/hour by the AP 42 factor of 84 lbs/MMCF (AP-42, Section 1.4, Table 1.4-1[7/98])

[Authority for term: OAC rule 3745-77-07(C)(1)]

g. Emission Limitation:

57.0 tons CO per year from combustion of natural gas

Applicable Compliance Method:

Compliance with the annual emission limitation shall be demonstrated by multiplying the hourly emission limitation by a maximum operating schedule of 8760 hours per year and dividing by a conversion factor of 2000 lbs per ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

h. Emission Limitation:

1.18 lbs PE per hour from combustion of natural gas

Applicable Compliance Method:

The permittee shall demonstrate compliance with the hourly emission limitation by multiplying the maximum MMCF of natural gas combusted/hour by the AP 42 factor of 7.6 lbs/MMCF (AP-42, Section 1.4, Table 1.4-1[7/98])

[Authority for term: OAC rule 3745-77-07(C)(1)]

i. Emission Limitation:

5.16 tons PE per year from combustion of natural gas

Applicable Compliance Method:

Compliance with the annual emission limitation shall be demonstrated by multiplying the hourly emission limitation by a maximum operating schedule of 8760 hours per year and dividing by a conversion factor of 2000 lbs per ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

j. Emission Limitation:

VOC emissions from K007, K008, K009, and K010 shall not exceed, as a rolling 12-month summation, 383.7 tons per year from coating and cleanup material usage

Applicable Compliance Method:
Compliance shall be based upon the monitoring and record keeping specified in section d)(3).

[Authority for term: OAC rule 3745-77-07(C)(1)]

k. Emission Limitation:

HAP emissions from K007, K008, K009, and K010 shall not exceed 9.9 tpy for single HAP and 24.9 tpy for combined HAPs.

Applicable Compliance Method:

Compliance shall be based upon the monitoring and recordkeeping specified in section d)(3).

[Authority for term: OAC rule 3745-77-07(C)(1)]

l. Emission Limitation:

Maximum production rate from emission units K007, K008, K009, and K010 shall not exceed 2,950,771,000 cans coated per year, as a rolling, 12-month summation

Applicable Compliance Method:

Compliance shall be based upon the monitoring and recordkeeping specified in section d)(4).

[Authority for term: OAC rule 3745-77-07(C)(1)]

m. Emission Limitation:

Maximum natural gas usage for K007, K008, K009, and K010 shall be limited to 310 million cubic feet (MMCF) per year, as a rolling, 12-month summation

Applicable Compliance Method:

Compliance shall be based upon the monitoring and recordkeeping specified in section d)(5)

[Authority for term: OAC rule 3745-77-07(C)(1)]

g) Miscellaneous Requirements

(1) None.