



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center
122 S. Front Street
Columbus, OH 43215

TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

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

RE: DRAFT PERMIT TO INSTALL MODIFICATION

STARK COUNTY

Application No: 15-01592

Fac ID: 1576051610

CERTIFIED MAIL

DATE: 8/4/2005

Sunoco-Phoenix Inc. Warner Plant
Brent Bowers
PO Box 2290 3075 Brookline Rd
North Canton, OH 44720

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

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install modification for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit modification. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the proposed installation. A public notice concerning the draft permit will appear in the Ohio EPA Weekly Review and the newspaper in the county where the facility will be located. Public comments will be accepted by the field office within 30 days of the date of publication in the newspaper. Any comments you have on the draft permit modification should be directed to the appropriate field office within the comment period. A copy of your comments should also be mailed to Robert Hodanbosi, Division of Air Pollution Control, Ohio EPA, P.O. Box 1049, Columbus, OH, 43266-0149.

A Permit to Install modification may be issued in proposed or final form based on the draft action, any written public comments received within 30 days of the public notice, or record of a public meeting if one is held. You will be notified in writing of a scheduled public meeting. Upon issuance of a final Permit to Install modification a fee of **\$ 1000** will be due. Please do not submit any payment now.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469. If you have any questions about this draft permit, please contact the field office where you submitted your application, or Mike Ahern, Field Operations & Permit Section at (614) 644-3631.

Sincerely,

Michael W. Ahern, Manager
Permit Issuance and Data Management Section
Division of Air Pollution Control

PUBLIC NOTICE

**ISSUANCE OF DRAFT PERMIT TO INSTALL 15-01592 FOR AN AIR CONTAMINANT SOURCE FOR
Sunoco-Phoenix Inc. Warner Plant**

On 8/4/2005 the Director of the Ohio Environmental Protection Agency issued a draft action of a Permit To Install an air contaminant source for **Sunoco-Phoenix Inc. Warner Plant**, located at **2121 Warner Road SE, Canton, Ohio**.

Installation of the air contaminant source identified below may proceed upon final issuance of Permit To Install 15-01592:

MODIFICATION OF PTI 15-01433, SYNTHETIC MINOR PTI FOR EMISSION UNITS AT THIS FACILITY.

Comments concerning this draft action, or a request for a public meeting, must be sent in writing to the address identified below no later than thirty (30) days from the date this notice is published. All inquiries concerning this draft action may be directed to the contact identified below.

Dan Aleman, Canton City Health Department, 420 Market Avenue, Canton, OH 44702-1544 [(330)489-3385]



**Permit To Install
Terms and Conditions**

**Issue Date: To be entered upon final issuance
Effective Date: To be entered upon final issuance**

DRAFT MODIFICATION OF PERMIT TO INSTALL 15-01592

Application Number: 15-01592
Facility ID: 1576051610
Permit Fee: **To be entered upon final issuance**
Name of Facility: Sunoco-Phoenix Inc. Warner Plant
Person to Contact: Brent Bowers
Address: PO Box 2290 3075 Brookline Rd
North Canton, OH 44720

Location of proposed air contaminant source(s) [emissions unit(s)]:
**2121 Warner Road SE
Canton, Ohio**

Description of proposed emissions unit(s):
MODIFICATION OF PTI 15-01433, SYNTHETIC MINOR PTI FOR EMISSION UNITS AT THIS FACILITY.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Part I - GENERAL TERMS AND CONDITIONS

A. State and Federally Enforceable Permit-To-Install General Terms and Conditions

1. Monitoring and Related Recordkeeping and Reporting Requirements

- a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
 - i. The date, place (as defined in the permit), and time of sampling or measurements.
 - ii. The date(s) analyses were performed.
 - iii. The company or entity that performed the analyses.
 - iv. The analytical techniques or methods used.
 - v. The results of such analyses.
 - vi. The operating conditions existing at the time of sampling or measurement.
- 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, 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.
- c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
 - i. Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
 - ii. Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the appropriate Ohio EPA District Office or local air agency. The written

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. See B.8 below if no deviations occurred during the quarter.

- iii. Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted (i.e., postmarked) to the appropriate Ohio EPA District Office or local air agency every six months, by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.
 - iv. If this permit is for an emissions unit located at a Title V facility, then 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 are true, accurate, and complete.
- d. The permittee shall report actual emissions pursuant to OAC Chapter 3745-78 for the purpose of collecting Air Pollution Control Fees.

2. 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, i.e., upset, 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. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to 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 emission unit(s) that is (are) served by such control system(s).

3. Risk Management Plans

If the permittee is required to 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"), the permittee shall comply with the requirement to register such a plan.

4. 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.

5. 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.

6. 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 re-issuance, or modification
- 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, revoked, or revoked and reissued, for cause. 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 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.

7. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable permit-to-install fees within 30 days after the issuance of any permit-to-install. The permittee shall pay all applicable permit-to-operate fees within thirty days of the issuance of the invoice.

8. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any 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 and the State and by citizens (to the extent allowed by section 304 of the Act) under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

9. Compliance Requirements

- a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this 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:
 - i. 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.
 - ii. 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 ORC section 3704.08.
 - iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
 - iv. 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:

- i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
- ii. 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.

10. Permit-To-Operate Application

- a. If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).
- b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this permit is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. Permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the source(s) covered by this permit.

11. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

12. 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.

13. Permit-To-Install

A permit-to-install must be obtained pursuant to OAC Chapter 3745-31 prior to "installation" of "any air contaminant source" as defined in OAC rule 3745-31-01, or "modification", as defined in OAC rule 3745-31-01, of any emissions unit included in this permit.

B. State Only Enforceable Permit-To-Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping of state-only enforceable 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 (a) any deviations (excursions) from state-only required emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) 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. 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.)

3. 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.

4. Authorization To Install or Modify

If applicable, authorization to install or modify any new or existing emissions unit included in this permit shall terminate within eighteen months of the effective date of the permit if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

5. Construction of New Sources(s)

This permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. This permit does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the application and terms and conditions of this permit. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of this permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Issuance of this permit is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

6. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

7. Applicability

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

8. Construction Compliance Certification

If applicable, the applicant shall provide Ohio EPA with a written certification (see enclosed form if applicable) that the facility has been constructed in accordance with the permit-to-install application and the terms and conditions of the permit-to-install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

9. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations (See Section A of This Permit)

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 quarterly (i.e., postmarked), by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

C. Permit-To-Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

**SUMMARY (for informational purposes only)
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons Per Year</u>
VOC	66.75

Part II - FACILITY SPECIFIC TERMS AND CONDITIONS

A. State and Federally Enforceable Permit To Install Facility Specific Terms and Conditions

1. The terms and conditions in this PTI supersede the terms and conditions for all the emission units in PTI 15-01433.

B. State Only Enforceable Permit To Install Facility Specific Terms and Conditions

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K015 - LINE 208 - END LINER(WATER BASED). Spray application of an end seal compound to the inner lip of unfinished 2- and 3-piece can ends.	OAC rule 3745-31-05(A)(3)	Volatile organic compound emissions from this emissions unit including cleanup material shall not exceed 0.50 lb/hr and 0.8 ton/year.
	OAC rule 3745-35-07(B) Synthetic Minor to avoid Title V	Volatile organic compound emissions from this emissions unit shall not exceed 0.8 ton per year based upon a rolling, 12-month summation of the monthly emissions. See A.2.a and A.II.1 through A.II.4.
	OAC rule 3745-21-09(D)(2)(e)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a The combined annual emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed the following as a rolling, 12-month summation:
 - i. 24.0 tons of all hazardous air pollutants (HAP); and
 - ii. 9.0 tons of any individual HAP.

II. Operational Restrictions

1. The limitation for volatile organic compound emissions from this emissions unit of 0.8 ton per year based upon a rolling, 12-month summation of the monthly emissions shall be achieved by the following:
 - a. only coatings which comply with the allowable emission limit established in accordance with BAT - 0.00 lb VOC/gal of coating, excluding water and exempt solvents - shall be used in this emissions unit;
 - b. the maximum annual amount of cleanup material used shall not exceed 244 gallons, based upon a rolling 12-month summation of the amount of cleanup material used each month; and
 - c. the VOC content of the cleanup material used shall not exceed 6.6 lbs/gal. Other materials may be used if approved by the Canton local air agency prior to initial use.

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

Month(s)	Maximum Allowable Cumulative Cleanup Material Usage (gallons)
1	20
1-2	41
1-3	61
1-4	81
1-5	102
1-6	122
1-7	142
1-8	163
1-9	183
1-10	203
1-11	224
1-12	244

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

3. The potential emissions [as defined by OAC rule 3745-77-01(BB)] of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from this facility shall be less than 10 TPY for any single HAP and 25 TPY for any combination of HAPs, based upon rolling, 12-month summations.

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

Month(s)	Maximum Allowable Commutative Emissions of Each Individual HAP (tons)	Maximum Allowable Commutative Emissions Total Combined HAPs (tons)
1	1.0	2.0
1-2	2.0	4.0
1-3	3.0	6.0
1-4	4.0	8.0
1-5	5.0	10.0
1-6	6.0	12.0
1-7	6.5	14.0
1-8	7.0	16.0
1-9	7.5	18.0
1-10	8.0	20.0
1-11	8.5	22.0
1-12	9.0	24.0

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission limitations shall be based upon a rolling, 12-month summation of the emission figures.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each day for the emissions unit:
 - a. the name and identification number of each coating and cleanup material employed;
 - b. the number of gallons of each coating and cleanup material employed, as applied;
 - c. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each coating and cleanup material employed, as applied;
 - d. the total number of hours the emissions unit was in operation; and
 - e. the average hourly VOC emission rates for all coatings and cleanup materials, in pounds per hour (average).
2. The permittee shall collect and record the following information for each month for each coating and cleanup material employed:

- a. the name and identification number of each coating employed, as applied;
- b. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each coating and cleanup material employed, as applied;
- c. the individual Hazardous Air Pollutant (HAP) content, for each HAP of each coating, in pounds of individual HAP per gallon of coating, as applied;
- d. the total combined HAP content of each coating, in pounds of combined HAPs per gallon of coating, as applied (sum all the individual HAP contents from (c));
- e. the number of gallons of each coating employed, as applied;
- f. the name and identification number of each cleanup material employed;
- g. the individual HAP content for each HAP of each cleanup material, in pounds of individual HAP per gallon of cleanup material, as applied;
- h. the total combined HAP content of each cleanup material, in pounds of combined HAPs per gallon of cleanup material, as applied (sum all the individual HAP contents from (g));
- i. the number of gallons of each cleanup material employed;
- j. the total individual HAP usage from all coatings and cleanup materials employed, in pounds or tons per month (for each HAP, the sum of (c) times (e) for all coatings plus the sum of (g) times (i) for all of the cleanup materials);
- k. the total combined HAP usage from all coatings and cleanup materials employed, in pounds or tons per month (the sum of (d) times (e) for all of the coatings plus the sum of (h) times (i) for all of the cleanup material);
- l. the total VOC emissions from all coatings and cleanup materials employed, in pounds or tons per month (the sum of (b) times (e) for all of the coatings plus the sum of (b) times (i) for all cleanup materials);
- m. the rolling, 12-month summation of individual HAP usage from all coatings and cleanup materials employed, in pounds or tons per year (the sum of (j) for the previous 12 calendar months);
- n. the rolling, 12-month summation of the total combined HAP usage from all coatings and cleanup materials employed, in pounds or tons per year (the sum of (k) for the previous 12 calendar months);

- o. the rolling, 12-month summation of the total VOC emissions from all coatings and cleanup materials employed, in pounds or tons per year (the sum of (l) for the previous 12 calendar months); and
- p. the rolling, 12-month summation of the total gallons of cleanup material employed (the sum of (i) for the previous 12 calendar months).

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting the Canton local air agency. This information does not have to be kept on a line-by-line basis.

- 3. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative cleanup material usage for each calendar month.
- 4. The permit to install for emissions units (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: MIBK

TLV (mg/m³): 234

Maximum Hourly Emission Rate (lbs/hr): 7.11

Predicted 1 Hour Maximum Ground-Level Concentration (ug/m³): 2,001

MAGLC (ug/m³): 5,571

Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

- a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," 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 pollutant with a listed TLV that was proposed in the application and modeled; and
- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the “Air Toxic Policy” 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(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the “Air Toxic Policy:”

- a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
- b. documentation of its evaluation and determination that the changed emissions unit still satisfies the “Air Toxic Policy”; and,
- c. where computer modeling is performed, a copy of the resulting computer model runs that shows the results of the application of the “Air Toxic Policy” for the change.

IV. Reporting Requirements

- 1. The permittee shall notify the Canton local air agency in writing of any daily record showing the use of noncomplying coatings or cleanup materials. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 30 days following the end of the calendar month in which the exceedance occurred.
- 2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:
 - a. the average hourly mass emission limitation for VOC;
 - b. the rolling, 12-month usage limitation of 244 gallons of cleanup material and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative cleanup material usage levels; and
 - c. the rolling, 12-month facility emission limitations for individual HAPs and combined HAPs; and for the first 12 calendar months of operation following the issuance of

this permit, all exceedances of the maximum allowable cumulative emission levels for individual HAPs and combined HAPs.

3. The permittee shall submit annual reports which specify the VOC material usage (includes coating and cleanup), the VOC, total HAP, and individual HAP emissions, in tons, for (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043). These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Compliance Methods and Emission Testing Requirements

1. Compliance with emissions limitations of this permit shall be determined in accordance with the following methods:
 - a. Emission Limitation
0.00 lb VOC/gallon of coating, excluding water and exempt solvents

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and record keeping as specified in section III.1.c.
 - b. Emission Limitation
6.6 lbs VOC/gallon of cleanup

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and record keeping as specified in section III.1.c.
 - c. Emission Limitation
Volatile organic compound emissions from this emissions unit shall not exceed 0.50 lb/hr.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and record keeping as specified in section III.1.e.
 - d. Emission Limitation
Volatile organic compound emissions from this emissions unit shall not exceed 0.80 ton/yr based upon a rolling, 12-month summation..

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and record keeping as specified in section III.2.O.

- e. **Emission Limitation**
The combined annual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed 24 tons as a rolling, 12-month summation.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and record keeping as specified in section III.2.n.

- f. **Emission Limitation**
The annual individual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed 9.0 tons as a rolling, 12-month summation.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section III.2.m.

- 2. Compliance with the operational limitations of this permit shall be determined in accordance with the following methods:

- a. **Operational Limitation**
The maximum annual amount of cleanup material used shall not exceed 244 gallons, based upon a rolling, 12-month summation of the amount of cleanup material used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and record keeping as specified in sections III.2.p.

VI. Miscellaneous Requirements

- 1. This permit to install shall supercede all the air pollution control requirements and emission limitations for these emissions units previously contained in the following permits to install:
 - a. 15-1328 as issued on October 16, 1998 and modified on August 11, 1999;
 - b. 15-1369 as issued on May 19, 1999; and
 - c. 15-1376 as issued on October 27, 1999.
 - d. 15-01433 as issued on Sept. 10, 2002

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K015 - LINE 208 - END LINER(WATER BASED). Spray application of an end seal compound to the inner lip of unfinished 2- and 3-piece can ends	OAC rule 3745-31-05	None

2. Additional Terms and Conditions

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K016 - LINE 208 - CONVERSION PRESS. Wipe application of lubricant to unconverted can ends for tab attachment in conversion press.	OAC rule 3745-31-05(A)(3)	<p>Volatile organic compound emissions from this emissions unit shall not exceed 1.50 lb/hr and 3.04 tons/year.</p> <p>The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(2)(e).</p>
	OAC rule 3745-35-07(B) Synthetic Minor to avoid Title V	<p>Volatile organic compound emissions from this emissions unit shall not exceed 3.09 tons per year based upon a rolling, 12-month summation of the monthly emissions.</p> <p>See A.2.a and A.II.1 through A.II.5.</p>
	OAC rule 3745-21-09(U)(2)(e)	<p>See A.II.1 below.</p>

2. Additional Terms and Conditions

- 2.a The combined annual emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed the following as a rolling, 12-month summation:
 - i. 24.0 tons of all hazardous air pollutants (HAP); and
 - ii. 9.0 tons of any individual HAP.

II. Operational Restrictions

1. The maximum daily tab lubricant and rust inhibitor usage for this emissions unit shall not exceed 10 gallons.
2. The limitation for VOC from this emissions units of 3.09 tons per year based upon a rolling, 12-month summation for the monthly emissions shall be achieved by the following:
 - a. the maximum amount of tab lubricant used shall not exceed 588 gallons, based upon a rolling, 12-month summation of the amount of tab lubricant used each month;
 - b. the maximum amount of rust inhibitor used shall not exceed 445 gallons, based upon a rolling, 12-month summation of the amount of rust inhibitor used each month;
 - c. the VOC content of the tab lubricant used shall not exceed 5.74 lbs/gallon(minus water and exempt solvents). Other materials may be used if approved by the Canton local air agency prior to initial use); and
 - d. The VOC content of the rust inhibitor used shall not exceed 6.3 lbs/gallon(minus water and exempt solvent). Other materials may be used if approved by the Canton local air agency prior to initial use).
3. To ensure enforceability during the first 12 calendar months of operation following issuance of this permit, the permittee shall not exceed the tab lubricant usage levels specified in the following table:

Month(s)	Maximum Allowable Cumulative Tab Lubricant Usage (gallons)
1	49
1-2	98
1-3	147
1-4	196
1-5	245
1-6	294
1-7	343
1-8	392
1-9	441
1-10	490
1-11	539
1-12	588

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

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

Month(s)	Maximum Allowable Cumulative Rust Inhibitor Usage (gallons)
1	37
1-2	74
1-3	110
1-4	148
1-5	185
1-6	222
1-7	259
1-8	296
1-9	334
1-10	371
1-11	408
1-12	445

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

5. The maximum annual amount of rust inhibitor used shall not exceed 445 gallons, based on a rolling 12-month summation of the amount of rust inhibitor used.
6. The potential emissions [as defined by OAC rule 3745-77-01(BB)] of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from this facility shall be less than 10 TPY for any single HAP and 25 TPY for any combination of HAPs, based upon rolling, 12-month summations.
7. To ensure enforceability during the first 12 calendar months of operation following issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month(s)	Maximum Allowable Commutative Emissions of Each Individual HAP (tons)	Maximum Allowable Commutative Emissions of Total Combined HAPs (tons)
1	1.0	2.0
1-2	2.0	4.0
1-3	3.0	6.0
1-4	4.0	8.0
1-5	5.0	10.0
1-6	6.0	12.0
1-7	6.5	14.0
1-8	7.0	16.0
1-9	7.5	18.0
1-10	8.0	20.0
1-11	8.5	22.0
1-12	9.0	24.0

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission limitations shall be based upon a rolling, 12-month summation of the emission figures.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each day for the emissions unit:
 - a. the name and identification number of each tab lubricant and rust inhibitor employed;
 - b. the number of gallons of each tab lubricant and rust inhibitor employed, as applied;
 - c. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each tab lubricant and rust inhibitor employed, as applied;
 - d. the total number of hours the emissions unit was in operation; and
 - e. the average hourly VOC emission rates for all tab lubricants and rust inhibitor, in pounds per hour (average).
2. The permittee shall collect and record the following information for each month for each tab lubricant and rust inhibitor employed:
 - a. the name and identification number of each tab lubricant and rust inhibitor employed, as applied;

- b. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each tab lubricant and rust inhibitor employed, as applied;
- c. the individual Hazardous Air Pollutant (HAP) content, for each HAP of each tab lubricant, in pounds of individual HAP per gallon of tab lubricant and rust inhibitor, as applied;
- d. the total combined HAP content of each tab lubricant, in pounds of combined HAPs per gallon of tab lubricant and rust inhibitor, as applied (sum all the individual HAP contents from (c));
- e. the number of gallons of each tab lubricant employed and rust inhibitor , as applied;
- f. the total individual HAP usage from all tab lubricants and rust inhibitor employed, in pounds or tons per month (for each HAP, the sum of (c) times (e) for all of the tab lubricants and rust inhibitor);
- g. the total combined HAP usage from all tab lubricants and rust inhibitor employed, in pounds or tons per month (the sum of (d) times (e) for all of the tab lubricants and rust inhibitor);
- h. the total VOC emissions from all tab lubricants and rust inhibitor employed, in pounds or tons per month (the sum of (b) times (e) for all of the tab lubricants and rust inhibitor);
- i. the rolling, 12-month summation of individual HAP usage from all tab lubricants e and rust inhibitor employed, in pounds or tons per year (the sum of (f) for the previous 12 calendar months);
- j. the rolling, 12-month summation of the total combined HAP usage from all tab lubricants and rust inhibitor employed, in pounds or tons per year (the sum of (g) for the previous 12 calendar months);
- k. the rolling, 12-month summation of the total VOC emissions from all tab lubricants and rust inhibitor employed, in pounds or tons per year (the sum of (h) for the previous 12 calendar months); and
- l. the rolling, 12-month summation of the total gallons of the tab lubricant and rust inhibitor employed (the sum of (e) for the previous 12 calendar months).

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting the Canton local air agency. This information does not have to be kept on a line-by-line basis.

- 3. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the tab lubricant and rust inhibitor usage for each calendar month.

4. The permit to install for emissions units K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043 was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: MIBK

TLV (mg/m³): 234

Maximum Hourly Emission Rate (lbs/hr): 7.11

Predicted 1 Hour Maximum Ground-Level Concentration (ug/m³): 2,001

MAGLC (ug/m³): 5,571

Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

- a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," 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 pollutant with a listed TLV that was proposed in the application and modeled; and
- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the "Air Toxic Policy" 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(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the “Air Toxic Policy:”

- a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
- b. documentation of its evaluation and determination that the changed emissions unit still satisfies the “Air Toxic Policy”; and,
- c. where computer modeling is performed, a copy of the resulting computer model runs that shows the results of the application of the “Air Toxic Policy” for the change.

IV. Reporting Requirements

1. The permittee shall notify the Canton local air agency in writing of any daily record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 30 days following the end of the calendar month in which the exceedance occurred.
2. The permittee shall notify the Canton local air agency in writing of any daily record showing that the coating line employs more than the applicable maximum daily coating usage limit. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 45 days following the end of the calendar month in which the exceedance occurred.
3. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:
 - a. the average hourly mass emission limitation for VOC;
 - b. the rolling, 12-month usage limitation of 588 gallons of tab lubricant and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative tab lubricant levels;
 - c. the rolling, 12-month facility emission limitations for individual HAPs, combined HAPs and VOCs; and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative emission levels for individual HAPs, combined HAPs, and VOCs; and
 - d. the rolling, 12-month usage limitation of 445 gallons of rust inhibitors and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative rust inhibitor usage levels.

4. The permittee shall submit annual reports which specify the VOC material usage (includes coating and cleanup), the VOC, total HAP, and individual HAP emissions, in tons, for (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043). These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Compliance Methods and Emission Testing Requirements

1. Compliance with emissions limitations of this permit shall be determined in accordance with the following methods:
 - a. **Emission Limitation**
Volatile organic compound emissions from this emissions unit shall not exceed 1.50 lb/hr.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and record keeping as specified in section III.1.e.
 - b. **Emission Limitation**
The combined annual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed 24 tons as a rolling, 12-month summation.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and record keeping as specified in section III.2.j.
 - c. **Emission Limitation**
The annual individual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed 9.0 tons as a rolling, 12-month summation.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and record keeping as specified in section III.2.i.
 - d. **Emission Limitation**
Volatile organic compound emissions from this emissions unit shall not exceed 3.09 tons per year based upon a rolling, 12-month summation of the monthly emissions.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and record keeping as specified in section III.2.k.
2. Compliance with the operational limitations of this permit shall be determined in accordance with the following methods:

- a. **Operational Limitation**
The maximum daily combined tab lubricant and rust inhibitor usage for this emissions unit shall not exceed 10 gallons.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and record keeping as specified in section III.1.b.
- b. **Operational Limitation**
The maximum annual amount of tab lubricant used shall not exceed 588 gallons, based upon a rolling, 12-month summation of the amount of tab lubricant used.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and record keeping as specified in section III.2.I.
- c. **Operational Limitation**
The maximum annual amount of rust inhibitor used shall not exceed 455 gallons, based upon a rolling, 12-month summation of the amount of rust inhibitor used.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and record keeping as specified in section A.III.2.I.

F. Miscellaneous Requirements

1. This permit to install shall supercede all the air pollution control requirements for these emissions units previously contained in the following permits to install:
 - a. 15-1328 as issued on October 16, 1998 and modified on August 11, 1999;
 - b. 15-1369 as issued on May 19, 1999; and
 - c. 15-1376 as issued on October 27, 1999.
 - d. 15-01433 as issued on Sept. 10, 2002

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K016 - LINE 208 - CONVERSION PRESS. Wipe application of lubricant to unconverted can ends for tab attachment in conversion press.	OAC rule 3745-31-05	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K020 - LINE 203 - END LINER(SOLVENT BASED) K020 - Blanked end liner 203. Spray application of an end seal compound to the inner lip of unfinished 2- and 3-piece can ends.	OAC rule 3745-31-05(A)(3)	<p>Volatile organic compound emissions from this emissions unit shall not exceed 10.0 lbs/hr and 22.38 tons/year.</p> <p>The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(D)(2)(e).</p>
	OAC rule 3745-35-07(B) Synthetic Minor to avoid Title V	<p>Volatile organic compound emissions from this emissions unit shall not exceed 22.38 tons per year based upon a rolling, 12-month summation of the monthly emissions.</p> <p>See A.2.a and A.II.2 through A.II.5.</p>
	OAC rule 3745-21-09(D)(2)(e)	<p>See A.II.1 below.</p>

2. Additional Terms and Conditions

- 2.a The combined annual emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed the following as a rolling, 12-month summation:
 - i. 24.0 tons of all hazardous air pollutants (HAP); and
 - ii. 9.0 tons of any individual HAP.

II. Operational Restrictions

1. The permittee shall not permit the use of coatings that are in excess of 3.7 pounds of VOC per gallon of coating, excluding water and exempt solvents.
2. The limitation for volatile organic compound emissions from this emissions unit of 22.38 tons per year based upon a rolling, 12-month summation of the monthly emissions shall be achieved limiting the maximum annual amount of coating used to 12,096 gallons, based upon a rolling, 12-month summation of the amount of coating used each month
3. To ensure enforceability during the first 12 calendar months of operation following issuance of this permit, the permittee shall not exceed the coating usage levels specified in the following table:

Month(s)	Maximum Allowable Cumulative Coating Usage (gallons)
1	1,008
1-2	2,016
1-3	3,024
1-4	4,032
1-5	5,040
1-6	6,048
1-7	7,056
1-8	8,064
1-9	9,072
1-10	10,080
1-11	11,088
1-12	12,096

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

4. The potential emissions [as defined by OAC rule 3745-77-01(BB)] of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act, from this facility shall be less than 10* TPY for any single HAP and 25* TPY for any combination of HAPs, based upon rolling, 12-month summations.
5. To ensure enforceability during the first 12 calendar months of operation following issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month(s)	Maximum Allowable Commutative Emissions of Each Individual HAP (tons)	Maximum Allowable Commutative Emissions of Total Combined HAPs (tons)
1	1.0	2.0
1-2	2.0	4.0
1-3	3.0	6.0
1-4	4.0	8.0
1-5	5.0	10.0
1-6	6.0	12.0
1-7	6.5	14.0
1-8	7.0	16.0
1-9	7.5	18.0
1-10	8.0	20.0
1-11	8.5	22.0
1-12	9.0	24.0

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission limitations shall be based upon a rolling, 12-month summation of the emission figures.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each day for the emissions unit:
 - a. the name and identification number of each coating employed;
 - b. the number of gallons of each coating employed, as applied;
 - c. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each coating employed, as applied;
 - d. the total number of hours the emissions unit was in operation; and
 - e. the average hourly VOC emission rates for all coatings, in pounds per hour (average).

2. The permittee shall collect and record the following information for each month for each coating and cleanup material employed:
 - a. the name and identification number of each coating employed, as applied;
 - b. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each coating employed, as applied;

- c. the individual Hazardous Air Pollutant (HAP) content, for each HAP of each coating, in pounds of individual HAP per gallon of coating, as applied;
- d. the total combined HAP content of each coating, in pounds of combined HAPs per gallon of coating, as applied (sum all the individual HAP contents from (c));
- e. the number of gallons of each coating employed, as applied;
- f. the total individual HAP usage from all coatings employed, in pounds or tons per month (for each HAP, the sum of (c) times (e) for all of the coatings);
- g. the total combined HAP usage from all coatings employed, in pounds or tons per month (the sum of (d) times (e) for all coatings);
- h. the total VOC emissions from all coatings employed, in pounds or tons per month (the sum of (b) times (e) for all of the coatings);
- i. the rolling, 12-month summation of individual HAP usage from all coatings employed, in pounds or tons per year (the sum of (f) for the previous 12 calendar months);
- j. the rolling, 12-month summation of the total combined HAP usage from all coatings employed, in pounds or tons per year (the sum of (g) for the previous 12 calendar month);
- k. the rolling, 12-month summation of the total VOC emissions from all coatings employed, in pounds or tons per year (the sum of (h) for the previous 12 calendar months); and
- l. the rolling, 12-month summation of the gallons of coating employed (the sum of (e) for the previous 12 calendar months).

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting the Canton local air agency. This information does not have to be kept on a line-by-line basis.

- 3. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the coating usage for each calendar month.
- 4. The permit to install for emissions units (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour

maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the “worst case” pollutant(s):

Pollutant: MIBK

TLV (mg/m³): 234

Maximum Hourly Emission Rate (lbs/hr): 7.11

Predicted 1 Hour Maximum Ground-Level Concentration (ug/m³): 2,001

MAGLC (ug/m³): 5,571

Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the “Air Toxic Policy” is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the “Air Toxic Policy” will still be satisfied. If, upon evaluation, the permittee determines that the “Air Toxic Policy” will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the “Air Toxic Policy” include the following:

- a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," 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 pollutant with a listed TLV that was proposed in the application and modeled; and
- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the “Air Toxic Policy” 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(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the “Air Toxic Policy:”

- a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

- b. documentation of its evaluation and determination that the changed emissions unit still satisfies the “Air Toxic Policy”; and,
- c. where computer modeling is performed, a copy of the resulting computer model runs that shows the results of the application of the “Air Toxic Policy” for the change.

IV. Reporting Requirements

1. The permittee shall notify the Canton local air agency in writing of any daily record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 30 days following the end of the calendar month in which the exceedance occurred.
2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:
 - a. the average hourly mass emission limitation for VOC;
 - b. the rolling, 12-month usage limitation of 12,096 gallons of coating and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative coating usage levels; and
 - c. the rolling, 12-month facility emission limitations for individual HAPs and combined HAPs; and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative emission levels for individual HAPs and combined HAPs.
3. The permittee shall submit annual reports which specify the VOC material usage (includes coating and cleanup), the VOC, total HAP, and individual HAP emissions, in tons, for (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045). These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Compliance Methods and Emission Testing Requirements

1. Compliance with emissions limitations of this permit shall be determined in accordance with the following methods:
 - a. Emission Limitation
3.7 lbs VOC/gallon of coating, excluding water and exempt solvents

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.c.

- b. Emission Limitation
Volatile organic compound emissions from this emissions unit shall not exceed 10.0 lbs/hr.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and record keeping as specified in section A.III.1.e.

- c. Emission Limitation
The combined annual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed 24 tons as a rolling, 12-month summation.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.j.

- d. Emission Limitation
The annual individual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed 9.0 tons as a rolling, 12-month summation.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.i.

- e. Emission Limitation
Volatile organic compound emissions from this emissions unit shall not exceed 22.38 tons per year based upon a rolling, 12-month summation of the monthly emissions.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.k.

- 2. Compliance with the operational limitations of this permit shall be determined in accordance with the following methods:

- a. Operational Limitation
The maximum annual amount of coating used shall not exceed 12,096 gallons, based upon a rolling, 12-month summation of the amount of coating used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.l.

Sunoco-Phoenix Inc. Warner Plant
PTI Application: 15-01592
Issued: To be entered upon final issuance

Facility ID: 1576051610
Emissions Unit ID: K020

F. Miscellaneous Requirements

1. This permit to install shall supercede all the air pollution control requirements for these emissions units previously contained in the following permits to install:
 - a. 15-1328 as issued on October 16, 1998 and modified on August 11, 1999;
 - b. 15-1369 as issued on May 19, 1999; and
 - c. 15-1376 as issued on October 27, 1999.
 - d. 15-01433 as issued on Sept. 10, 2002

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K020 - LINE 203 - END LINER(SOLVENT BASED) K020 - Blanked end liner 203. Spray application of an end seal compound to the inner lip of unfinished 2- and 3-piece can ends.	OAC rule 3745-31-05	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K021 - LINE 203 - CONVERSION PRESS. wipe application of tab lubricant to unconverted can ends for tab attachment in conversion press	OAC rule 3745-31-05(A)(3)	<p>Volatile organic compound emissions from this emissions unit shall not exceed 2.0 lbs/hr and 3.38 tons/year.</p> <p>The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(2)(e).</p>
	OAC rule 3745-35-07(B) Synthetic Minor to avoid Title V	<p>Volatile organic compound emissions from this emissions unit shall not exceed 3.38 tons per year based upon a rolling, 12-month summation of the monthly emissions.</p> <p>See A.I.2.a and A.II.2 through A.II.6.</p>
	OAC rule 3745-21-09(U)(2)(e)	<p>See A.II.1 below.</p>

2. Additional Terms and Conditions

- 2.a The combined annual emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed the following as a rolling, 12-month summation:
 - i. 24.0 tons of all hazardous air pollutants (HAP); and
 - ii. 9.0 tons of any individual HAP.

II. Operational Restrictions

1. The maximum daily combined usage rate of tab lubricant for this emissions unit shall not exceed 10 gallons.
2. The limitation for volatile organic compound emissions from this emissions unit of 3.38s per year based upon a rolling, 12-month summation of the monthly emissions shall be achieved by the following:
 - a. the maximum annual amount of tab lubricant used shall not exceed 1,176 gallons, based upon a rolling, 12-month summation of the amount of tab lubricant used each month; and
 - b. the VOC content of the tab lubricant used shall not exceed 5.74 lbs/gal (other materials may be used if approved by the Canton local air agency prior to initial use).
3. To ensure enforceability during the first 12 calendar months of operation following issuance of this permit, the permittee shall not exceed the tab lubricant usage levels specified in the following table:

Month(s)	Maximum Allowable Cumulative Tab Lubricant Usage (gallons)
1	98
1-2	196
1-3	294
1-4	392
1-5	490
1-6	588
1-7	686
1-8	784
1-9	882
1-10	980
1-11	1,078
1-12	1,176

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

4. The potential emissions [as defined by OAC rule 3745-77-01(BB)] of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from this facility shall be less than 10* TPY for any single HAP and 25* TPY for any combination of HAPs, based upon rolling, 12-month summations.

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

Month(s)	Maximum Allowable Commutative Emissions of Each Individual HAP (tons)	Maximum Allowable Commutative Emissions of Total Combined HAPs (tons)
1	1.0	2.0
1-2	2.0	4.0
1-3	3.0	6.0
1-4	4.0	8.0
1-5	5.0	10.0
1-6	6.0	12.0
1-7	6.5	14.0
1-8	7.0	16.0
1-9	7.5	18.0
1-10	8.0	20.0
1-11	8.5	22.0
1-12	9.0	24.0

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission limitations shall be based upon a rolling, 12-month summation of the emission figures.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each day for the emissions unit:
 - a. the name and identification number of each tab lubricant employed;
 - b. the number of gallons of each tab lubricant employed, as applied;
 - c. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each tab lubricant employed, as applied;
 - d. the total number of hours the emissions unit was in operation;
 - e. the average hourly VOC emission rates for all tab lubricants in pounds per hour (average); and
 - f. the total volume, in gallons, of all the tab lubricants employed.

2. The permittee shall collect and record the following information for each month for each tab lubricant employed:
 - a. the name and identification number of each tab lubricant employed, as applied;
 - b. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each tab lubricant employed, as applied;
 - c. the individual Hazardous Air Pollutant (HAP) content, for each HAP of each tab lubricant, in pounds of individual HAP per gallon of tab lubricant, as applied;
 - d. the total combined HAP content of each tab lubricant, in pounds of combined HAPs per gallon of tab lubricant, as applied (sum all the individual HAP contents from (c));
 - e. the number of gallons of each tab lubricant employed, as applied;
 - f. the total individual HAP usage from all tab lubricants and rust inhibitors employed, in pounds or tons per month (for each HAP, the sum of (c) times (e) for all tab lubricants);
 - g. the total combined HAP usage from all tab lubricants and rust inhibitors employed, in pounds or tons per month (the sum of (d) times (e) for all of the tab lubricants);
 - h. the total VOC emissions from all tab lubricants and rust inhibitors employed, in pounds or tons per month (the sum of (b) times (e) for all of the tab lubricants);
 - i. the rolling, 12-month summation of individual HAP usage from all tab lubricants employed, in pounds or tons per year (the sum of (i) for the previous 12 calendar months);
 - j. the rolling, 12-month summation of the total combined HAP usage from all tab lubricants employed, in pounds or tons per year (the sum of (j) for the previous 12 calendar months);
 - k. the rolling, 12-month summation of the total VOC emissions from all tab lubricants employed, in tons per year (the sum of (k) for the previous 12 calendar months);
 - l. the rolling, 12-month summation of the gallons of tab lubricant employed (the sum of (e) for the previous 12 calendar months); and

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting the Canton local air agency. This information does not have to be kept on a line-by-line basis.

3. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative tab lubricant usage for each calendar month.

4. The permit to install for emissions units (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: MIBK

TLV (mg/m³): 234

Maximum Hourly Emission Rate (lbs/hr): 7.11

Predicted 1 Hour Maximum Ground-Level Concentration (ug/m³): 2,001

MAGLC (ug/m³): 5,571

Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

- a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," 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 pollutant with a listed TLV that was proposed in the application and modeled; and
- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the "Air Toxic Policy" 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(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

- a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
- b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and,
- c. where computer modeling is performed, a copy of the resulting computer model runs that shows the results of the application of the "Air Toxic Policy" for the change.

IV. Reporting Requirements

1. The permittee shall notify the Canton local air agency in writing of any daily record showing the use of noncomplying tab lubricants and rust inhibitors. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 30 days following the end of the calendar month in which the exceedance occurred.
2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:
 - a. the average hourly mass emission limitation for VOC;
 - b. the rolling, 12-month usage limitation of 1,176 gallons of tab lubricant and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative tab lubricant usage levels;
 - c. the rolling, 12-month facility emission limitations for individual HAPs and combined HAPs; and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative emission levels for individual HAPs and combined HAPs.
3. The permittee shall submit annual reports which specify the VOC material usage (includes tab lubricants and rust inhibitors), the VOC, total HAP, and individual HAP emissions, in tons, for emission units K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045 These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
4. The permittee shall notify the Canton local air agency in writing of any daily record showing that this emissions unit employed more than the applicable maximum daily combined usage limit for tab lubricants and rust inhibitors. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 45 days after the exceedance.

V. Compliance Methods and Emission Testing Requirements

1. Compliance with emissions limitations of this permit shall be determined in accordance with the following methods:
 - a. Emission Limitation
The VOC content of the tab lubricant used shall not exceed 5.74 lbs/gal

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and record keeping as specified in section A.III.1.c.
 - b. Emission Limitation
Volatile organic compound emissions from this emissions unit shall not exceed 2.0 lbs/hr.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and record keeping as specified in section A.III.1.e.
 - c. Emission Limitation
The combined annual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed 24 tons as a rolling, 12-month summation.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and record keeping as specified in section A.III.2.m.
 - d. Emission Limitation
The annual individual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed 9.0 tons as a rolling, 12-month summation.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.l.
 - e. Emission Limitation
Volatile organic compound emissions from this emissions unit shall not exceed 3.38 tons per year based upon a rolling, 12-month summation of the monthly emissions.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and record keeping as specified in section A.III.2.n.

2. Compliance with the operational limitations of this permit shall be determined in accordance with the following methods:

a. Operational Limitation

The maximum annual amount of tab lubricant used shall not exceed 1,176 gallons, based upon a rolling, 12-month summation of the amount of tab lubricant used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and record keeping as specified in section A.III.2.o.

b. Operational Limitation

The maximum daily usage rate of tab lubricant for this emissions unit shall not exceed 10 gallons.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and record keeping as specified in section A.III.1.f.

F. Miscellaneous Requirements

1. This permit to install shall supercede all the air pollution control requirements for these emissions units previously contained in the following permits to install:

a. 15-1328 as issued on October 16, 1998 and modified on August 11, 1999;

b. 15-1369 as issued on May 19, 1999; and

c. 15-1376 as issued on October 27, 1999.

d. 15-01433 as issued on Sept. 10, 2002

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K021 - LINE 203 - CONVERSION PRESS. wipe application of tab lubricant and rust inhibitor to unconverted can ends for tab attachment in conversion press	OAC rule 3745-31-05	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K022 - LINE 206 - END LINER (WATER BASED). Spray application of an end seal compound to the inner lip of unfinished 2- and 3-piece can ends.	OAC rule 3745-31-05(A)(3)	Volatile organic compound emissions from this emissions unit shall not exceed 0.50 lbs/hr and 0.8 tons/year. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(D)(2)(e).
	OAC rule 3745-35-07(B) Synthetic Minor to avoid Title V	Volatile organic compound emissions from this emissions unit shall not exceed 0.8 tons per year based upon a rolling, 12-month summation of the monthly emissions. See A.I.2.a and A.II.2 through A.II.6 below.
	OAC rule 3745-21-09(D)(2)(e)	See A.II.1 below.

2. Additional Terms and Conditions

- 2.a The combined annual emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed the following as a rolling, 12-month summation:
 - i. 24.0 tons of all hazardous air pollutants (HAP); and
 - ii. 9.0 tons of any individual HAP.

II. Operational Restrictions

1. The limitation for volatile organic compound emissions from this emissions unit of 0.8 tons per year based upon a rolling, 12-month summation of the monthly emissions shall be achieved by the following:
 - a. only coatings which comply with the allowable emission limit established in accordance with BAT - 0.0 lb VOC/gallon of coating excluding water and exempt solvents shall be used in this emission unit.
 - b. the maximum annual amount of cleanup material used shall not exceed 244 gallons, based upon a rolling, 12-month summation of the amount of cleanup material used each month; and
 - c. the VOC content of the cleanup material used shall not exceed 6.6 lbs/gal. Other materials may be used if approved by the Canton local air agency prior to initial use.

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

Month(s)	Maximum Allowable Cumulative Cleanup Material Usage (gallons)
1	20
1-2	41
1-3	61
1-4	81
1-5	102
1-6	122
1-7	142
1-8	163
1-9	183
1-10	203
1-11	224
1-12	244

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

4. The potential emissions [as defined by OAC rule 3745-77-01(BB)] of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act, from this facility shall be less than 10 TPY for any single HAP and 25 TPY for any combination of HAPs, based upon rolling, 12-month summations.

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

Month(s)	Maximum Allowable Commutative Emissions of Each Individual HAP (tons)	Maximum Allowable Commutative Emissions of Total Combined HAPs (tons)
1	1.0	2.0
1-2	2.0	4.0
1-3	3.0	6.0
1-4	4.0	8.0
1-5	5.0	10.0
1-6	6.0	12.0
1-7	6.5	14.0
1-8	7.0	16.0
1-9	7.5	18.0
1-10	8.0	20.0
1-11	8.5	22.0
1-12	9.0	24.0

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission limitations shall be based upon a rolling, 12-month summation of the emission figures.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each day for the emissions unit:
 - a. the name and identification number of each coating and cleanup material employed;
 - b. the number of gallons of each coating and cleanup material employed, as applied;
 - c. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each coating and cleanup material employed, as applied;
 - d. the total number of hours the emissions unit was in operation; and
 - e. the average hourly VOC emission rates for all coatings and cleanup materials, in pounds per hour (average).
2. The permittee shall collect and record the following information for each month for each coating and cleanup material employed:
 - a. the name and identification number of each coating employed, as applied;

- b. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each coating and cleanup material employed, as applied;
- c. the individual Hazardous Air Pollutant (HAP) content, for each HAP of each coating, in pounds of individual HAP per gallon of coating, as applied;
- d. the total combined HAP content of each coating, in pounds of combined HAPs per gallon of coating, as applied (sum all the individual HAP contents from (c));
- e. the number of gallons of each coating employed, as applied;
- f. the name and identification number of each cleanup material employed;
- g. the individual HAP content for each HAP of each cleanup material, in pounds of individual HAP per gallon of cleanup material, as applied;
- h. the total combined HAP content of each cleanup material, in pounds of combined HAPs per gallon of cleanup material, as applied (sum all the individual HAP contents from (g));
- i. the number of gallons of each cleanup material employed;
- j. the total individual HAP usage from all coatings and cleanup materials employed, in pounds or tons per month (for each HAP, the sum of (c) times (e) for all coatings plus the sum of (g) times (i) for all of the cleanup materials);
- k. the total combined HAP usage from all coatings and cleanup materials employed, in pounds or tons per month (the sum of (d) times (e) for all of the coatings plus the sum of (h) times (i) for all of the cleanup material);
- l. the total VOC emissions from all coatings and cleanup materials employed, in pounds or tons per month (the sum of (b) times (e) for all of the coatings plus the sum of (b) times (i) for all cleanup materials);
- m. the rolling, 12-month summation of individual HAP usage from all coatings and cleanup materials employed, in pounds or tons per year (the sum of (j) for the previous 12 calendar months);
- n. the rolling, 12-month summation of the total combined HAP usage from all coatings and cleanup materials employed, in pounds or tons per year (the sum of (k) for the previous 12 calendar months);
- o. the rolling, 12-month summation of the total VOC emissions from all coatings and cleanup materials employed, in tons (the sum of (l) for the previous 12 calendar months);

- p. the rolling, 12-month summation of the total gallons of cleanup materials employed (the sum of (i) for the previous 12 calendar months); and
- q. the rolling, 12-month summation of the total gallons of coating employed (the sum of (e) for the previous 12 calendar months).

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting the Canton local air agency. This information does not have to be kept on a line-by-line basis.

- 3. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative cleanup material usage and the cumulative coating usage for each calendar month.
- 4. The permit to install for emissions units (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: MIBK

TLV (mg/m³): 234

Maximum Hourly Emission Rate (lbs/hr): 7.11

Predicted 1 Hour Maximum Ground-Level Concentration (ug/m³): 2,001

MAGLC (ug/m³): 5,571

Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

- a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," 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 pollutant with a listed TLV that was proposed in the application and modeled; and
- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the “Air Toxic Policy” 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(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the “Air Toxic Policy:”

- a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
- b. documentation of its evaluation and determination that the changed emissions unit still satisfies the “Air Toxic Policy”; and,
- c. where computer modeling is performed, a copy of the resulting computer model runs that shows the results of the application of the “Air Toxic Policy” for the change.

IV. Reporting Requirements

- 1. The permittee shall notify the Canton local air agency in writing of any daily record showing the use of noncomplying coatings or cleanup materials. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 30 days following the end of the calendar month in which the exceedance occurred.
- 2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:
 - a. the average hourly mass emission limitation for VOC;
 - b. the rolling, 12-month usage limitation of 244 gallons of cleanup material and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative cleanup material usage levels; and
 - c. the rolling, 12-month facility emission limitations for individual HAPs and combined HAPs; and for the first 12 calendar months of operation following the issuance of

this permit, all exceedances of the maximum allowable cumulative emission levels for individual HAPs and combined HAPs.

3. The permittee shall submit annual reports which specify the VOC material usage (includes coating and cleanup), the VOC, total HAP, and individual HAP emissions, in tons, for emission units K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Compliance Methods and Emission Testing Requirements

1. Compliance with emissions limitations of this permit shall be determined in accordance with the following methods:
 - a. Emission Limitation
3.7 lbs VOC/gallon of coating, excluding water and exempt solvents

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and record keeping as specified in section A.III.1.c.
 - b. Emission Limitation
5.6 lbs VOC/gallon of cleanup material

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and record keeping as specified in section A.III.1.c.
 - c. Emission Limitation
Volatile organic compound emissions from this emissions unit shall not exceed 0.5 lbs/hr.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.e.
 - d. Emission Limitation
The combined annual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed 24 tons as a rolling, 12-month summation.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.n.

- e. **Emission Limitation**
The annual individual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed 9.0 tons as a rolling, 12-month summation.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section C.2.m.

- f. **Emission Limitation**
Volatile organic compound emissions from this emissions unit shall not exceed 0.8 tons per year based upon a rolling, 12-month summation of the monthly emissions.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and record keeping as specified in section A.III.2.o.

- 2. Compliance with the operational limitations of this permit shall be determined in accordance with the following methods:

- a. **Operational Limitation**
The maximum annual amount of cleanup material used shall not exceed 244 gallons, based upon a rolling, 12-month summation of the amount of cleanup material used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.p.

F. Miscellaneous Requirements

- 1. This permit to install shall supercede all the air pollution control requirements for these emissions units previously contained in the following permits to install:
 - a. 15-1328 as issued on October 16, 1998 and modified on August 11, 1999;
 - b. 15-1369 as issued on May 19, 1999; and
 - c. 15-1376 as issued on October 27, 1999.
 - d. 15-01433 as issued on Sept. 10, 2002

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K022 - LINE 206 - END LINER (WATER BASED). Spray application of an end seal compound to the inner lip of unfinished 2- and 3-piece can ends	OAC rule 3745-31-05	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

PART III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K024 - LINE 206 - CONVERSION PRESS. Wipe application of tab lubricant, rust inhibitor, and repair coat to unconverted can ends for tab attachment in conversion press.	OAC rule 3745-31-05(A)(3)	<p>Volatile organic compound emissions from this emissions unit shall not exceed 1.2 lb/hr and 2.26 tons/year.</p> <p>The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(2)(e).</p>
	OAC rule 3745-35-07(B) Synthetic Minor to avoid Title V	<p>Volatile organic compound emissions from this emissions unit shall not exceed 2.26 tons per year based upon a rolling, 12-month summation of the monthly emissions.</p>
	OAC rule 3745-21-09(U)(2)(e)	<p>See A.I.2.a and A.II.2 through A.II.7.</p> <p>See All.1 below.</p>

2. Additional Terms and Conditions

- 2.a The combined annual emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed the following as a rolling, 12-month summation:
 - i. 24.0 tons of all hazardous air pollutants (HAP); and
 - ii. 9.0 tons of any individual HAP.

II. Operational Restrictions

1. The maximum daily combined usage rate of tab lubricant, rust inhibitor, and repair coat for this emissions unit shall not exceed 10 gallons.

2. The limitation for volatile organic compound emissions from this emissions unit of 2.26 tons per year based upon a rolling, 12-month summation of the monthly emissions shall be achieved by the following:
 - a. the maximum annual amount of tab lubricant used shall not exceed 588 gallons, based upon a rolling, 12-month summation of the amount of tab lubricant used each month;
 - b. the maximum annual amount of rust inhibitor used shall not exceed 292 gallons, based upon a rolling, 12-month summation of the amount of rust inhibitor used each month;
 - c. the maximum annual amount of repair coat used shall not exceed 1,168 gallons, based upon a rolling, 12-month summation of the amount of repair coat used each month;
 - d. the VOC content of the tab lubricant used shall not exceed 5.74 lbs/gal (other materials may be used if approved by the Canton local air agency prior to initial use);
 - e. the VOC content of the rust inhibitor used shall not exceed 3.59 lbs/gal (other materials may be used if approved by the Canton local air agency prior to initial use); and
 - f. the VOC content of the repair coat used shall not exceed 0.09 lb/gal (other materials may be used if approved by the Canton local air agency prior to initial use).

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

Month(s)	Maximum Allowable Cumulative Tab Lubricant Usage (gallons)
1	49
1-2	98
1-3	147
1-4	196
1-5	245
1-6	294

1-7	343
1-8	392
1-9	441
1-10	490
1-11	539
1-12	588

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

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

Month(s)	Maximum Allowable Cumulative Rust Inhibitor Usage (gallons)
1	24
1-2	49
1-3	73
1-4	97
1-5	122
1-6	146
1-7	170
1-8	195
1-9	219
1-10	243
1-11	268
1-12	292

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

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

Sunoco-Phoenix Inc. Warner Plant
PTI Application: 15-01592
Issued: To be entered upon final issuance

Facility ID: 1576051610
Emissions Unit ID: K024

Month(s)	Maximum Allowable Cumulative Repair Coat Usage (gallons)
1	97
1-2	195
1-3	292
1-4	389
1-5	487
1-6	584
1-7	681
1-8	779
1-9	876
1-10	973
1-11	1,071
1-12	1,168

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

6. The potential emissions [as defined by OAC rule 3745-77-01(BB)] of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from this facility shall be less than 10 TPY for any single HAP and 25 TPY for any combination of HAPs, based upon rolling, 12-month summations.

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

Month(s)	Maximum Allowable Commutative Emissions of Each Individual HAP (tons)	Maximum Allowable Commutative Emissions of Total Combined HAPs (tons)
1	1.0	2.0
1-2	2.0	4.0
1-3	3.0	6.0
1-4	4.0	8.0
1-5	5.0	10.0
1-6	6.0	12.0
1-7	6.5	14.0
1-8	7.0	16.0
1-9	7.5	18.0
1-10	8.0	20.0
1-11	8.5	22.0
1-12	9.0	24.0

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission limitations shall be based upon a rolling, 12-month summation of the emission figures.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each day for the emissions unit:
 - a. the name and identification number of each tab lubricant, rust inhibitor, and repair coat employed;
 - b. the number of gallons of each tab lubricant, rust inhibitor, and repair coat employed, as applied;
 - c. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each tab lubricant, rust inhibitor, and repair coat employed, as applied;
 - d. the total number of hours the emissions unit was in operation;
 - e. the average hourly VOC emission rates for all tab lubricants, rust inhibitors, and repair coats, in pounds per hour (average); and
 - f. the total volume, in gallons, of all the tab lubricants, rust inhibitors, and repair coats employed.

2. The permittee shall collect and record the following information for each month for each tab lubricant, rust inhibitor, and repair coat material employed:
 - a. the name and identification number of each tab lubricant, rust inhibitor, and repair coat employed, as applied;
 - b. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each tab lubricant, rust inhibitor, and repair coat employed, as applied;
 - c. the individual Hazardous Air Pollutant (HAP) content, for each HAP of each tab lubricant, in pounds of individual HAP per gallon of tab lubricant, as applied;
 - d. the total combined HAP content of each tab lubricant, in pounds of combined HAPs per gallon of tab lubricant, as applied (sum all the individual HAP contents from (c));
 - e. the number of gallons of each tab lubricant employed, as applied;
 - f. the individual HAP content for each HAP of each rust inhibitor, in pounds of individual HAP per gallon of rust inhibitor, as applied;

- g. the total combined HAP content of each rust inhibitor, in pounds of combined HAPs per gallon of rust inhibitor, as applied (sum all the individual HAP contents from (f));
- h. the number of gallons of rust inhibitor employed;
- i. the individual HAP content for each HAP of each repair coat, in pounds of individual HAP per gallon of repair coat, as applied;
- j. the total combined HAP content of each repair coat, in pounds of combined HAPs per gallon of repair coat, as applied (sum all the individual HAP contents from (i));
- k. the number of gallons of repair coat employed;
- l. the total individual HAP usage from all tab lubricants, rust inhibitors, and repair coats employed, in pounds or tons per month (for each HAP, the sum of (c) times (e) for all tab lubricants plus the sum of (f) times (h) for all of the rust inhibitors plus the sum of (i) times (k) for all of the repair coatings);
- m. the total combined HAP usage from all tab lubricants, rust inhibitors, and repair coats employed, in pounds or tons per month (the sum of (d) times (e) for all of the tab lubricants plus the sum of (g) times (h) for all of the rust inhibitors plus the sum of (j) times (k) for all repair coatings);
- n. the total VOC emissions from all tab lubricants, rust inhibitors, and repair coats employed, in pounds or tons per month (the sum of (b) times (e) for all of the tab lubricants plus the sum of (b) times (h) for all rust inhibitors plus the sum of (b) times (k) for all repair coatings);
- o. the rolling, 12-month summation of individual HAP usage from all tab lubricants, rust inhibitors, and repair coats employed, in pounds or tons per year (the sum of (l) for the previous 12 calendar months);
- p. the rolling, 12-month summation of the total combined HAP usage from all tab lubricants, rust inhibitors, and repair coats employed, in pounds or tons per year (the sum of (m) for the previous 12 calendar months);
- q. the rolling, 12-month summation of the total VOC emissions from all coatings and cleanup materials employed, in pounds or tons per year (the sum of (n) for the previous 12 calendar months);
- r. the rolling, 12-month summation of the gallons of tab lubricant employed (the sum of (e) for the previous 12 calendar months);
- s. the rolling, 12-month summation of the gallons of rust inhibitor employed (the sum of (h) for the previous 12 calendar months); and

- t. the rolling, 12-month summation of the gallons of repair coat employed (the sum of (k) for the previous 12 calendar months).

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting the Canton local air agency. This information does not have to be kept on a line-by-line basis.

3. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative tab lubricant usage, the cumulative rust inhibitor usage and the cumulative repair coat usage for each calendar month.
4. The permit to install for emissions units (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: MIBK

TLV (mg/m³): 234

Maximum Hourly Emission Rate (lbs/hr): 7.11

Predicted 1 Hour Maximum Ground-Level Concentration (ug/m³): 2,001

MAGLC (ug/m³): 5,571

Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

- a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," 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 pollutant with a listed TLV that was proposed in the application and modeled; and

- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the “Air Toxic Policy” 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(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the “Air Toxic Policy:”

- a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
- b. documentation of its evaluation and determination that the changed emissions unit still satisfies the “Air Toxic Policy”; and,
- c. where computer modeling is performed, a copy of the resulting computer model runs that shows the results of the application of the “Air Toxic Policy” for the change.

IV. Reporting Requirements

- 1. The permittee shall notify the Canton local air agency in writing of any daily record showing the use of noncomplying tab lubricants, rust inhibitors, and repair coats. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 30 days following the end of the calendar month in which the exceedance occurred.
- 2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:
 - a. the average hourly mass emission limitation for VOC;
 - b. the rolling, 12-month usage limitation of 588 gallons of tab lubricant and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative tab lubricant usage levels;
 - c. the rolling, 12-month usage limitation of 292 gallons of rust inhibitors and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative rust inhibitor usage levels;
 - d. the rolling, 12-month usage limitation of 1,168 gallons of repair coat and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative repair coat usage levels; and

- e. the rolling, 12-month facility emission limitations for individual HAPs and combined HAPs; and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative emission levels for individual HAPs and combined HAPs.
3. The permittee shall submit annual reports which specify the VOC material usage (includes tab lubricants, rust inhibitors, and repair coats), the VOC, total HAP, and individual HAP emissions, in tons, for (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043). These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
4. The permittee shall notify the Canton local air agency in writing of any daily record showing that this emissions unit employed more than the applicable maximum daily combined usage limit for tab lubricants, rust inhibitors, and repair coats. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 45 days after the exceedance.

V. Compliance Methods and Emission Testing Requirements

1. Compliance with emissions limitations of this permit shall be determined in accordance with the following methods:
 - a. Emission Limitation
The VOC content of the tab lubricant used shall not exceed 5.74 lbs/gal

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.II.1.c.
 - b. Emission Limitation
The VOC content of the rust inhibitor used shall not exceed 3.59 lbs/gal.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.II.1.c.
 - c. Emission Limitation
The VOC content of the repair coat used shall not exceed 0.09 lb/gal.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.II.1.c.
 - d. Emission Limitation
Volatile organic compound emissions from this emissions unit shall not exceed 1.2 lb/hr.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and record keeping as specified in section A.II.1.e.

e. Emission Limitation

The combined annual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed 24 tons as a rolling, 12-month summation.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.II.2.p.

f. Emission Limitation

The annual individual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed 9.0 tons as a rolling, 12-month summation.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.II.2.o.

g. Emission Limitation

Volatile organic compound emissions from this emissions unit shall not exceed 2.26 tons per year based upon a rolling, 12-month summation of the monthly emissions.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and record keeping as specified in section A.II.2.q.

2. Compliance with the operational limitations of this permit shall be determined in accordance with the following methods:

a. Operational Limitation

The maximum annual amount of tab lubricant used shall not exceed 588 gallons, based upon a rolling, 12-month summation of the amount of tab lubricant used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.II.2.r.

b. Operational Limitation

The maximum annual amount of rust inhibitor used shall not exceed 292 gallons, based upon a rolling, 12-month summation of the amount of rust inhibitor used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and record keeping as specified in section A.II.2.s.

c. Operational Limitation

The maximum annual amount of repair coat used shall not exceed 1,168 gallons, based upon a rolling, 12-month summation of the amount of repair coat used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.II.2.t.

d. Operational Limitation

The maximum daily combined usage rate of tab lubricant, rust inhibitor, and repair coat for this emissions unit shall not exceed 10 gallons.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.II.1.f.

F. Miscellaneous Requirements

1. This permit to install shall supercede all the air pollution control requirements for these emissions units previously contained in the following permits to install:
 - a. 15-1328 as issued on October 16, 1998 and modified on August 11, 1999;
 - b. 15-1369 as issued on May 19, 1999; and
 - c. 15-1376 as issued on October 27, 1999.
 - d. 15-01433 as issued on Sept. 10, 2002

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K024 - LINE 206 - CONVERSION PRESS. Wipe application of tab lubricant, rust inhibitor, and repair coat to unconverted can ends for tab attachment in conversion press.	OAC rule 3745-31-05	None

2. **Additional Terms and Conditions**

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K025 - LINE 207 - END LINER (WATER BASED) Spray application of an end seal compound to the inner lip of unfinished 2- and 3-piece can ends.	OAC rule 3745-31-05(A)(3)	Volatile organic compound emissions from this emissions unit shall not exceed 0.50 lb/hr and 0.8 ton/year.
	OAC rule 3745-35-07(B) Synthetic Minor to avoid Title V	Volatile organic compound emissions from this emissions unit shall not exceed 0.8 ton per year based upon a rolling, 12-month summation of the monthly emissions. See A.I.2.a and A.II.1 through A.II.4.
	OAC rule 3745-21-09(D)(2)(e)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a The combined annual emissions from the entire facility (K015-K028, K030-K033 and K040-K044) shall not exceed the following as a rolling, 12-month summation:
 - i. 24.0 tons of all hazardous air pollutants (HAP); and
 - ii. 9.0 tons of any individual HAP.

II. Operational Restrictions

1. The limitation for volatile organic compound emissions from this emissions unit of 0.8 ton per year based upon a rolling, 12-month summation of the monthly emissions shall be achieved by the following:
 - a. only coatings which comply with the allowable emission limit established in accordance with BAT - 0.00 lb VOC/gal of coating, excluding water and exempt solvents - shall be used in this emissions unit;
 - b. the maximum annual amount of cleanup material used shall not exceed 244 gallons, based upon a rolling, 12-month summation of the amount of cleanup material used each month; and
 - c. the VOC content of the cleanup material used shall not exceed 6.6 lbs/gal. Other materials may be used if approved by the Canton local air agency prior to initial use.

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

Month(s)	Maximum Allowable Cumulative Cleanup Material Usage (gallons)
1	20
1-2	41
1-3	61
1-4	81
1-5	102
1-6	122
1-7	142
1-8	163
1-9	183
1-10	203
1-11	224
1-12	244

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

3. The potential emissions [as defined by OAC rule 3745-77-01(BB)] of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from this facility shall be less than 10 TPY for any single HAP and 25 TPY for any combination of HAPs, based upon rolling, 12-month summations.

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

Month(s)	Maximum Allowable Commutative Emissions of Each Individual HAP (tons)	Maximum Allowable Commutative Emissions of Total Combined HAPs (tons)
1	1.0	2.0
1-2	2.0	4.0
1-3	3.0	6.0
1-4	4.0	8.0
1-5	5.0	10.0
1-6	6.0	12.0
1-7	6.5	14.0
1-8	7.0	16.0
1-9	7.5	18.0
1-10	8.0	20.0
1-11	8.5	22.0
1-12	9.0	24.0

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission limitations shall be based upon a rolling, 12-month summation of the emission figures.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each day for the emissions unit:
 - a. the name and identification number of each coating and cleanup material employed;
 - b. the number of gallons of each coating and cleanup material employed, as applied;
 - c. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each coating and cleanup material employed, as applied;
 - d. the total number of hours the emissions unit was in operation; and
 - e. the average hourly VOC emission rates for all coatings and cleanup materials, in pounds per hour (average).
2. The permittee shall collect and record the following information for each month for each coating and cleanup material employed:
 - a. the name and identification number of each coating employed, as applied;

- b. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each coating and cleanup material employed, as applied;
- c. the individual Hazardous Air Pollutant (HAP) content, for each HAP of each coating, in pounds of individual HAP per gallon of coating, as applied;
- d. the total combined HAP content of each coating, in pounds of combined HAPs per gallon of coating, as applied (sum all the individual HAP contents from (c));
- e. the number of gallons of each coating employed, as applied;
- f. the name and identification number of each cleanup material employed;
- g. the individual HAP content for each HAP of each cleanup material, in pounds of individual HAP per gallon of cleanup material, as applied;
- h. the total combined HAP content of each cleanup material, in pounds of combined HAPs per gallon of cleanup material, as applied (sum all the individual HAP contents from (g));
- i. the number of gallons of each cleanup material employed;
- j. the total individual HAP usage from all coatings and cleanup materials employed, in pounds or tons per month (for each HAP, the sum of (c) times (e) for all coatings plus the sum of (g) times (i) for all of the cleanup materials);
- k. the total combined HAP usage from all coatings and cleanup materials employed, in pounds or tons per month (the sum of (d) times (e) for all of the coatings plus the sum of (h) times (i) for all of the cleanup material);
- l. the total VOC emissions from all coatings and cleanup materials employed, in pounds or tons per month (the sum of (b) times (e) for all of the coatings plus the sum of (b) times (i) for all cleanup materials);
- m. the rolling, 12-month summation of individual HAP usage from all coatings and cleanup materials employed, in pounds or tons per year (the sum of (j) for the previous 12 calendar months);
- n. the rolling, 12-month summation of the total combined HAP usage from all coatings and cleanup materials employed, in pounds or tons per year (the sum of (k) for the previous 12 calendar month);
- o. the rolling, 12-month summation of the total VOC emissions from all coatings and cleanup materials employed, in pounds or tons per year (the sum of (l) for the previous 12 calendar months); and

- p. the rolling, 12-month summation of the total cleanup material employed (the sum of (i) for the previous 12 calendar months).

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting the Canton local air agency. This information does not have to be kept on a line-by-line basis.

- 3. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative cleanup material usage for each calendar month.
- 4. The permit to install for emissions units (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: MIBK

TLV (mg/m³): 234

Maximum Hourly Emission Rate (lbs/hr): 7.11

Predicted 1 Hour Maximum Ground-Level Concentration (ug/m³): 2,001

MAGLC (ug/m³): 5,571

Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

- a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," 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 pollutant with a listed TLV that was proposed in the application and modeled; and

- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the “Air Toxic Policy” 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(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the “Air Toxic Policy:”

- a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
- b. documentation of its evaluation and determination that the changed emissions unit still satisfies the “Air Toxic Policy”; and,
- c. where computer modeling is performed, a copy of the resulting computer model runs that shows the results of the application of the “Air Toxic Policy” for the change.

IV. Reporting Requirements

- 1. The permittee shall notify the Canton local air agency in writing of any daily record showing the use of noncomplying coatings or cleanup materials. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 30 days following the end of the calendar month in which the exceedance occurred.
- 2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:
 - a. the average hourly mass emission limitation for VOC;
 - b. the rolling, 12-month usage limitation of 244 gallons of cleanup material and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative cleanup material usage levels; and
 - c. the rolling, 12-month facility emission limitations for individual HAPs and combined HAPs; and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative emission levels for individual HAPs and combined HAPs.

3. The permittee shall submit annual reports which specify the VOC material usage (includes coating and cleanup), the VOC, total HAP, and individual HAP emissions, in tons, for emission units K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Compliance Methods and Emission Testing Requirements

1. Compliance with emissions limitations of this permit shall be determined in accordance with the following methods:
 - a. Emission Limitation
0.00 lb VOC/gallon of coating, excluding water and exempt solvents

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.c.
 - b. Emission Limitation
6.6 lbs VOC/gallon of cleanup material

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.c.
 - c. Emission Limitation
Volatile organic compound emissions from this emissions unit shall not exceed 0.50 lb/hr.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.e.
 - d. Emission Limitation
The combined annual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed 24 tons as a rolling, 12-month summation.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.n.
 - e. Emission Limitation
The annual individual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed 9.0 tons as a rolling, 12-month summation.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.m.

f. Emission Limitation

Volatile organic compound emissions from this emissions unit shall not exceed 0.8 ton per year based upon a rolling, 12-month summation of the monthly emissions.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.o.

2. Compliance with the operational limitations of this permit shall be determined in accordance with the following methods:

a. Operational Limitation

The maximum annual amount of cleanup material used shall not exceed 244 gallons, based upon a rolling, 12-month summation of the amount of cleanup material used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.p.

F. Miscellaneous Requirements

1. This permit to install shall supercede all the air pollution control requirements for these emissions units previously contained in the following permits to install:

- a. 15-1328 as issued on October 16, 1998 and modified on August 11, 1999;
- b. 15-1369 as issued on May 19, 1999; and
- c. 15-1376 as issued on October 27, 1999.
- d. 15-014333 as issued on Sept. 10, 2002

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K025 - LINE 207 - END LINER(WATER BASED)	OAC rule 3745-31-05	None

2. **Additional Terms and Conditions**

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K026 - LINE 207 - ELECTROLYTIC DIP.	OAC rule 3745-31-05(A)(3) OAC rule 3745-35-07(B) Synthetic Minor to avoid Title V OAC rule 3745-21-09(D)(2)(e)	Volatile organic compound emissions from this emissions unit shall not exceed 0.46 lb/hr and 1.33 tons/year. See A.II.1 below. Volatile organic compound emissions from this emissions unit shall not exceed 1.33 tons per year based upon a rolling, 12-month summation of the monthly emissions. See A.I.2.a and A.II.2 through A.II.5 below. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a The combined annual emissions from the entire facility (K015-K028, K030-K033 and K040-K044) shall not exceed the following as a rolling, 12-month summation:
 - i. 24.0 tons of all hazardous air pollutants (HAP); and
 - ii. 9.0 tons of any individual HAP.

II. Operational Restrictions

1. The permittee shall not permit the use of coatings that are in excess of 0.17 pound of VOC per gallon of coating, excluding water and exempt solvents.
2. The limitation for volatile organic compound emissions from this emissions unit of 1.33 tons per year based upon a rolling, 12-month summation of the monthly emissions shall be achieved limiting the maximum annual amount of coating used to 15,698 gallons, based upon a rolling, 12-month summation of the amount of coating used each month.
3. To ensure enforceability during the first 12 calendar months of operation following issuance of this permit, the permittee shall not exceed the coating usage levels specified in the following table:

Month(s)	Maximum Allowable Cumulative Coating Usage (gallons)
1	1,308
1-2	2,616
1-3	3,924
1-4	5,233
1-5	6,541
1-6	7,849
1-7	9,157
1-8	10,465
1-9	11,773
1-10	13,082
1-11	14,390
1-12	15,698

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

4. The potential emissions [as defined by OAC rule 3745-77-01(BB)] of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from this facility shall be less than 10 TPY for any single HAP and 25 TPY for any combination of HAPs, based upon rolling, 12-month summations.
5. To ensure enforceability during the first 12 calendar months of operation following issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month(s)	Maximum Allowable Commutative Emissions of Each Individual HAP (tons)	Maximum Allowable Commutative Emissions of Total Combined HAPs (tons)
1	1.0	2.0
1-2	2.0	4.0
1-3	3.0	6.0
1-4	4.0	8.0
1-5	5.0	10.0
1-6	6.0	12.0
1-7	6.5	14.0
1-8	7.0	16.0
1-9	7.5	18.0
1-10	8.0	20.0
1-11	8.5	22.0
1-12	9.0	24.0

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission limitations shall be based upon a rolling, 12-month summation of the emission figures.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each day for the emissions unit:
 - a. the name and identification number of each coating employed;
 - b. the number of gallons of each coating employed, as applied;
 - c. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each coating employed, as applied;
 - d. the total number of hours the emissions unit was in operation; and
 - e. the average hourly VOC emission rates for all coatings, in pounds per hour (average).

2. The permittee shall collect and record the following information for each month for each coating employed:
 - a. the name and identification number of each coating employed, as applied;
 - b. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each coating employed, as applied;

- c. the individual Hazardous Air Pollutant (HAP) content, for each HAP of each coating, in pounds of individual HAP per gallon of coating, as applied;
- d. the total combined HAP content of each coating, in pounds of combined HAPs per gallon of coating, as applied (sum all the individual HAP contents from (c));
- e. the number of gallons of each coating employed, as applied;
- f. the total individual HAP usage from all coatings employed, in pounds or tons per month (for each HAP, the sum of (c) times (e) for all of the coatings);
- g. the total combined HAP usage from all coatings employed, in pounds or tons per month (the sum of (d) times (e) for all of the coatings);
- h. the total VOC emissions from all coatings employed, in pounds or tons per month (the sum of (b) times (e) for all of the coatings);
- i. the rolling, 12-month summation of individual HAP usage from all coatings employed, in pounds or tons per year (the sum of (f) for the previous 12 calendar months);
- j. the rolling, 12-month summation of the total combined HAP usage from all coatings employed, in pounds or tons per year (the sum of (g) for the previous 12 calendar months);
- k. the rolling, 12-month summation of the total VOC emissions from all coatings employed, in pounds or tons per year (the sum of (h) for the previous 12 calendar months); and
- l. the rolling, 12-month summation of the total gallons of coating employed (the sum of (e) for the previous 12 calendar months).

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting the Canton local air agency. This information does not have to be kept on a line-by-line basis.

- 3. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the coating usage for each calendar month.
- 4. The permit to install for emissions units K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043 was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and

the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the “worst case” pollutant(s):

Pollutant: MIBK

TLV (mg/m³): 234

Maximum Hourly Emission Rate (lbs/hr): 7.11

Predicted 1 Hour Maximum Ground-Level Concentration (ug/m³): 2,001

MAGLC (ug/m³): 5,571

Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the “Air Toxic Policy” is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the “Air Toxic Policy” will still be satisfied. If, upon evaluation, the permittee determines that the “Air Toxic Policy” will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the “Air Toxic Policy” include the following:

- a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," 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 pollutant with a listed TLV that was proposed in the application and modeled; and
- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the “Air Toxic Policy” 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(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the “Air Toxic Policy:”

- a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

- b. documentation of its evaluation and determination that the changed emissions unit still satisfies the “Air Toxic Policy”; and,
- c. where computer modeling is performed, a copy of the resulting computer model runs that shows the results of the application of the “Air Toxic Policy” for the change.

IV. Reporting Requirements

- 1. The permittee shall notify the Canton local air agency in writing of any daily record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 30 days following the end of the calendar month in which the exceedance occurred.
- 2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:
 - a. the average hourly mass emission limitation for VOC;
 - b. the rolling, 12-month usage limitation of 15,698 gallons of coating and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative coating usage levels; and
 - c. the rolling, 12-month facility emission limitations for individual HAPs and combined HAPs; and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative emission levels for individual HAPs and combined HAPs.
- 3. The permittee shall submit annual reports which specify the VOC material usage (includes coating and cleanup), the VOC, total HAP, and individual HAP emissions, in tons, for K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Compliance Methods and Emission Testing Requirements

- 1. Compliance with emissions limitations of this permit shall be determined in accordance with the following methods:
 - a. Emission Limitation
0.17 lb VOC/gallon of coating, excluding water and exempt solvents

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.c.

- b. Emission Limitation
Volatile organic compound emissions from this emissions unit shall not exceed 0.46 lb/hr.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.e.

- c. Emission Limitation
The combined annual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed 24 tons as a rolling, 12-month summation.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.j.

- d. Emission Limitation
The annual individual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed 9.0 tons as a rolling, 12-month summation.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.i.

- e. Emission Limitation
Volatile organic compound emissions from this emissions unit shall not exceed 1.33 tons per year based upon a rolling, 12-month summation of the monthly emissions.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.k.

- 2. Compliance with the operational limitations of this permit shall be determined in accordance with the following methods:

- a. Operational Limitation
The maximum annual amount of coating used shall not exceed 15,698 gallons, based upon a rolling, 12-month summation of the amount of coating used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.l.

Sunoco-Phoenix Inc. Warner Plant
PTI Application: 15-01592
Issued: To be entered upon final issuance

Facility ID: 1576051610
Emissions Unit ID: K026

F. Miscellaneous Requirements

1. This permit to install shall supercede all the air pollution control requirements for these emissions units previously contained in the following permits to install:
 - a. 15-1328 as issued on October 16, 1998 and modified on August 11, 1999;
 - b. 15-1369 as issued on May 19, 1999; and
 - c. 15-1376 as issued on October 27, 1999.
 - d. 15-01433 as issued on Sept. 10, 2002

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K026 - LINE 207 - ELECTROLYTIC DIP	OAC rule 3745-31-05	None

2. **Additional Terms and Conditions**

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K027 - LINE 207 - CONVERSION PRESS. Wipe application of tab lubricant, rust inhibitor, and repair coat to unconverted can ends for tab attachment in conversion press; Line 205.	OAC rule 3745-31-05(A)(3)	<p>Volatile organic compound emissions from this emissions unit shall not exceed 1.2 lb/hr and 2.36 tons/year.</p> <p>The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(2)(e).</p>
	OAC rule 3745-35-07(B) Synthetic Minor to avoid Title V	<p>Volatile organic compound emissions from this emissions unit shall not exceed 2.36 tons per year based upon a rolling, 12-month summation of the monthly emissions.</p> <p>See A.I.2.a and A.II.2 through A.II.7.</p>
		See A.I.2.a and A.II.2 through A.II.7.
	OAC rule 3745-21-09(U)(2)(e)	See All.1 below.

2. Additional Terms and Conditions

- 2.a The combined annual emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, K043, K045) shall not exceed the following as a rolling, 12-month summation:
 - i. 24.0 tons of all hazardous air pollutants (HAP); and
 - ii. 9.0 tons of any individual HAP.

II. Operational Restrictions

1. The maximum daily combined usage rate of tab lubricant, rust inhibitor, and repair coat for this emissions unit shall not exceed 10 gallons.

2. The limitation for volatile organic compound emissions from this emissions unit of 2.36 tons per year based upon a rolling, 12-month summation of the monthly emissions shall be achieved by the following:
 - a. the maximum annual amount of tab lubricant used shall not exceed 588 gallons, based upon a rolling, 12-month summation of the amount of tab lubricant used each month;
 - b. the maximum annual amount of rust inhibitor used shall not exceed 342 gallons, based upon a rolling, 12-month summation of the amount of rust inhibitor used each month;
 - c. the maximum annual amount of repair coat used shall not exceed 1,369 gallons, based upon a rolling, 12-month summation of the amount of repair coat used each month;
 - d. the VOC content of the tab lubricant used shall not exceed 5.74 lbs/gal (other materials may be used if approved by the Canton local air agency prior to initial use);
 - e. the VOC content of the rust inhibitor used shall not exceed 3.59 lbs/gal (other materials may be used if approved by the Canton local air agency prior to initial use); and
 - f. the VOC content of the repair coat used shall not exceed 0.09 lb/gal (other materials may be used if approved by the Canton local air agency prior to initial use).

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

Month(s)	Maximum Allowable Cumulative Tab Lubricant Usage (gallons)
1	49
1-2	98
1-3	147
1-4	196
1-5	245
1-6	294

1-7	343
1-8	392
1-9	441
1-10	490
1-11	539
1-12	588

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

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

Month(s)	Maximum Allowable Cumulative Rust Inhibitor Usage (gallons)
1	29
1-2	57
1-3	86
1-4	114
1-5	143
1-6	171
1-7	200
1-8	228
1-9	257
1-10	285
1-11	314
1-12	342

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

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

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Facility ID: 1576051610
Emissions Unit ID: K027

Month(s)	Maximum Allowable Cumulative Repair Coat Usage (gallons)
1	114
1-2	228
1-3	342
1-4	456
1-5	570
1-6	685
1-7	799
1-8	913
1-9	1,027
1-10	1,141
1-11	1,255
1-12	1,369

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

6. The potential emissions [as defined by OAC rule 3745-77-01(BB)] of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from this facility shall be less than 10 TPY for any single HAP and 25 TPY for any combination of HAPs, based upon rolling, 12-month summations.

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

Month(s)	Maximum Allowable Commutative Emissions of Each Individual HAP (tons)	Maximum Allowable Commutative Emissions of Total Combined HAPs (tons)
1	1.0	2.0
1-2	2.0	4.0
1-3	3.0	6.0
1-4	4.0	8.0
1-5	5.0	10.0
1-6	6.0	12.0
1-7	6.5	14.0
1-8	7.0	16.0
1-9	7.5	18.0
1-10	8.0	20.0
1-11	8.5	22.0
1-12	9.0	24.0

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission limitations shall be based upon a rolling, 12-month summation of the emission figures.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each day for the emissions unit:
 - a. the name and identification number of each tab lubricant, rust inhibitor, and repair coat employed;
 - b. the number of gallons of each tab lubricant, rust inhibitor, and repair coat employed, as applied;
 - c. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each tab lubricant, rust inhibitor, and repair coat employed, as applied;
 - d. the total number of hours the emissions unit was in operation;
 - e. the average hourly VOC emission rates for all tab lubricants, rust inhibitors, and repair coats, in pounds per hour (average); and
 - f. the total volume, in gallons, of all the tab lubricants, rust inhibitors, and repair coats employed.

2. The permittee shall collect and record the following information for each month for each tab lubricant, rust inhibitor, and repair coat material employed:
 - a. the name and identification number of each tab lubricant, rust inhibitor, and repair coat employed, as applied;
 - b. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each tab lubricant, rust inhibitor, and repair coat employed, as applied;
 - c. the individual Hazardous Air Pollutant (HAP) content, for each HAP of each tab lubricant, in pounds of individual HAP per gallon of tab lubricant, as applied;
 - d. the total combined HAP content of each tab lubricant, in pounds of combined HAPs per gallon of tab lubricant, as applied (sum all the individual HAP contents from (c));
 - e. the number of gallons of each tab lubricant employed, as applied;
 - f. the individual HAP content for each HAP of each rust inhibitor, in pounds of individual HAP per gallon of rust inhibitor, as applied;

- g. the total combined HAP content of each rust inhibitor, in pounds of combined HAPs per gallon of rust inhibitor, as applied (sum all the individual HAP contents from (f));
- h. the number of gallons of rust inhibitor employed;
- i. the individual HAP content for each HAP of each repair coat, in pounds of individual HAP per gallon of repair coat, as applied;
- j. the total combined HAP content of each repair coat, in pounds of combined HAPs per gallon of repair coat, as applied (sum all the individual HAP contents from (f));
- k. the number of gallons of repair coat employed;
- l. the total individual HAP usage from all tab lubricants, rust inhibitors, and repair coats employed, in pounds or tons per month (for each HAP, the sum of (c) times (e) for all tab lubricants plus the sum of (f) times (h) for all of the rust inhibitors plus the sum of (i) times (k) for all of the repair coatings);
- m. the total combined HAP usage from all tab lubricants, rust inhibitors, and repair coats employed, in pounds or tons per month (the sum of (d) times (e) for all of the tab lubricants plus the sum of (g) times (h) for all of the rust inhibitors plus the sum of (j) times (k) for all repair coatings);
- n. the total VOC emissions from all tab lubricants, rust inhibitors, and repair coats employed, in pounds or tons per month (the sum of (b) times (e) for all of the tab lubricants plus the sum of (b) times (h) for all rust inhibitors plus the sum of (b) times (k) for all repair coatings);
- o. the rolling, 12-month summation of individual HAP usage from all tab lubricants, rust inhibitors, and repair coats employed, in pounds or tons per year (the sum of (l) for the previous 12 calendar months);
- p. the rolling, 12-month summation of the total combined HAP usage from all tab lubricants, rust inhibitors, and repair coats employed, in pounds or tons per year (the sum of (m) for the previous 12 calendar months);
- q. the rolling, 12-month summation of the total VOC emissions from all tab lubricants, rust inhibitors, and repair coats employed, in pounds or tons per year (the sum of (n) for the previous 12 calendar months);
- r. the rolling, 12-month summation of the gallons of tab lubricant employed (the sum of (e) for the previous 12 calendar months);
- s. the rolling, 12-month summation of the gallons of rust inhibitor employed (the sum of (h) for the previous 12 calendar months); and

- t. the rolling, 12-month summation of the gallons of repair coat employed (the sum of (k) for the previous 12 calendar months).

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting the Canton local air agency. This information does not have to be kept on a line-by-line basis.

- 3. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative tab lubricant usage, the cumulative rust inhibitor usage and the cumulative repair coat usage for each calendar month.
- 4. The permit to install for emissions units (K015, K016, K020, K021, K022, K024 through K030, K040, K041, and K043) was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: MIBK

TLV (mg/m³): 234

Maximum Hourly Emission Rate (lbs/hr): 7.11

Predicted 1 Hour Maximum Ground-Level Concentration (ug/m³): 2,001

MAGLC (ug/m³): 5,571

Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

- a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," 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 pollutant with a listed TLV that was proposed in the application and modeled; and

- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the “Air Toxic Policy” 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(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the “Air Toxic Policy:”

- a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
- b. documentation of its evaluation and determination that the changed emissions unit still satisfies the “Air Toxic Policy”; and,
- c. where computer modeling is performed, a copy of the resulting computer model runs that shows the results of the application of the “Air Toxic Policy” for the change.

IV. Reporting Requirements

- 1. The permittee shall notify the Canton local air agency in writing of any daily record showing the use of noncomplying tab lubricants, rust inhibitors, and repair coats. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 30 days following the end of the calendar month in which the exceedance occurred.
- 2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:
 - a. the average hourly mass emission limitation for VOC;
 - b. the rolling, 12-month usage limitation of 588 gallons of tab lubricant and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative tab lubricant usage levels;
 - c. the rolling, 12-month usage limitation of 342 gallons of rust inhibitors and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative rust inhibitor usage levels;
 - d. the rolling, 12-month usage limitation of 1,369 gallons of repair coat and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative repair coat usage levels; and

- e. the rolling, 12-month facility emission limitations for individual HAPs and combined HAPs; and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative emission levels for individual HAPs and combined HAPs.
3. The permittee shall submit annual reports which specify the VOC material usage (includes tab lubricants, rust inhibitors, and repair coats), the VOC, total HAP, and individual HAP emissions, in tons, for K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
4. The permittee shall notify the Canton local air agency in writing of any daily record showing that this emissions unit employed more than the applicable maximum daily combined usage limit for tab lubricants, rust inhibitors, and repair coats. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 45 days after the exceedance.

V. Compliance Methods and Emission Testing Requirements

1. Compliance with emissions limitations of this permit shall be determined in accordance with the following methods:
 - a. Emission Limitation
The VOC content of the tab lubricant used shall not exceed 5.74 lbs/gal

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.c.
 - b. Emission Limitation
The VOC content of the rust inhibitor used shall not exceed 3.59 lbs/gal.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.c.
 - c. Emission Limitation
The VOC content of the repair coat used shall not exceed 0.09 lb/gal.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.c.
 - d. Emission Limitation
Volatile organic compound emissions from this emissions unit shall not exceed 1.2 lb/hr.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.e.

e. Emission Limitation

The combined annual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) shall not exceed 24 tons as a rolling, 12-month summation.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.p.

f. Emission Limitation

The annual individual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) shall not exceed 9.0 tons as a rolling, 12-month summation.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.o.

g. Emission Limitation

Volatile organic compound emissions from this emissions unit shall not exceed 2.36 tons per year based upon a rolling, 12-month summation of the monthly emissions.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.q.

2. Compliance with the operational limitations of this permit shall be determined in accordance with the following methods:

a. Operational Limitation

The maximum annual amount of tab lubricant used shall not exceed 588 gallons, based upon a rolling, 12-month summation of the amount of tab lubricant used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.r.

b. Operational Limitation

The maximum annual amount of rust inhibitor used shall not exceed 342 gallons, based upon a rolling, 12-month summation of the amount of rust inhibitor used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.s.

c. Operational Limitation

The maximum annual amount of repair coat used shall not exceed 1,369 gallons, based upon a rolling, 12-month summation of the amount of repair coat used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.t.

d. Operational Limitation

The maximum daily combined usage rate of tab lubricant, rust inhibitor, and repair coat for this emissions unit shall not exceed 10 gallons.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.f.

F. Miscellaneous Requirements

1. This permit to install shall supercede all the air pollution control requirements for these emissions units previously contained in the following permits to install:
 - a. 15-1328 as issued on October 16, 1998 and modified on August 11, 1999;
 - b. 15-1369 as issued on May 19, 1999;
 - c. 15-1376 as issued on October 27, 1999; and
 - d. 15-01433 as issued on Sept. 10, 2002.

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K027 - LINE 207 - CONVERSION PRESS	OAC rule 3745-31-05	None

2. **Additional Terms and Conditions**

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K028 - LINE 201 - END LINER (SOLVENT-BASED). Spray application of an end seal compound to the inner lip of unfinished 2- and 3-piece can ends.	OAC rule 3745-31-05(A)(3)	Volatile organic compound emissions from this emissions unit shall not exceed 6.0 lbs/hr and 13.57 tons/year. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(D)(2)(e).
	OAC rule 3745-35-07(B) Synthetic Minor to avoid Title V	Volatile organic compound emissions from this emissions unit shall not exceed 13.57 tons per year based upon a rolling, 12-month summation of the monthly emissions. See A.I.2.a and A.II..2 through A.II.6 below.
	OAC rule 3745-21-09(D)(2)(e)	See All.1 below.

2. Additional Terms and Conditions

- 2.a The combined annual emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) shall not exceed the following as a rolling, 12-month summation:
 - i. 24.0 tons of all hazardous air pollutants (HAP); and
 - ii. 9.0 tons of any individual HAP.

II. Operational Restrictions

1. The permittee shall not permit the use of coatings that are in excess of 3.7 pounds of VOC per gallon of coating, excluding water and exempt solvents.
2. The limitation for volatile organic compound emissions from this emissions unit of 13.57 tons per year based upon a rolling, 12-month summation of the monthly emissions shall be achieved by the following:
 - a. the maximum annual amount of coating used shall not exceed 6,048 gallons, based upon a rolling, 12-month summation of the amount of coating used each month;
 - b. the maximum annual amount of cleanup material used shall not exceed 851 gallons, based upon a rolling, 12-month summation of the amount of cleanup material used each month; and
 - c. the VOC content of the cleanup material used shall not exceed 5.6 lbs/gal. Other materials may be used if approved by the Canton local air agency prior to initial use.
3. To ensure enforceability during the first 12 calendar months of operation following issuance of this permit, the permittee shall not exceed the cleanup material usage levels specified in the following table:

Month(s)	Maximum Allowable Cumulative Cleanup Material Usage (gallons)
1	71
1-2	142
1-3	213
1-4	284
1-5	355
1-6	426
1-7	497
1-8	568
1-9	639
1-10	709
1-11	781
1-12	851

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

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Issued: To be entered upon final issuance

Facility ID: 1576051610
Emissions Unit ID: K028

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

Month(s)	Maximum Allowable Cumulative Coating Usage (gallons)
1	504
1-2	1,008
1-3	1,512
1-4	2,016
1-5	2,520
1-6	4,024
1-7	4,528
1-8	5,032
1-9	5,536
1-10	6,040
1-11	6,544
1-12	6,048

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

5. The potential emissions [as defined by OAC rule 3745-77-01(BB)] of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act, from this facility shall be less than 10 TPY for any single HAP and 25 TPY for any combination of HAPs, based upon rolling, 12-month summations.
6. To ensure enforceability during the first 12 calendar months of operation following issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month(s)	Maximum Allowable Commutative Emissions of Each Individual HAP (tons)	Maximum Allowable Commutative Emissions of Total Combined HAPs (tons)
1	1.0	2.0
1-2	2.0	4.0
1-3	3.0	6.0
1-4	4.0	8.0
1-5	5.0	10.0
1-6	6.0	12.0
1-7	6.5	14.0
1-8	7.0	16.0

1-9	7.5	18.0
1-10	8.0	20.0
1-11	8.5	22.0
1-12	9.0	24.0

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission limitations shall be based upon a rolling, 12-month summation of the emission figures.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each day for the emissions unit:
 - a. the name and identification number of each coating and cleanup material employed;
 - b. the number of gallons of each coating and cleanup material employed, as applied;
 - c. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each coating and cleanup material employed, as applied;
 - d. the total number of hours the emissions unit was in operation; and
 - e. the average hourly VOC emission rates for all coatings and cleanup materials, in pounds per hour (average).

2. The permittee shall collect and record the following information for each month for each coating and cleanup material employed:
 - a. the name and identification number of each coating employed, as applied;
 - b. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each coating and cleanup material employed, as applied;
 - c. the individual Hazardous Air Pollutant (HAP) content, for each HAP of each coating, in pounds of individual HAP per gallon of coating, as applied;
 - d. the total combined HAP content of each coating, in pounds of combined HAPs per gallon of coating, as applied (sum all the individual HAP contents from (c));
 - e. the number of gallons of each coating employed, as applied;
 - f. the name and identification number of each cleanup material employed;
 - g. the individual HAP content for each HAP of each cleanup material, in pounds of individual HAP per gallon of cleanup material, as applied;

- h. the total combined HAP content of each cleanup material, in pounds of combined HAPs per gallon of cleanup material, as applied (sum all the individual HAP contents from (g));
- i. the number of gallons of each cleanup material employed;
- j. the total individual HAP usage from all coatings and cleanup materials employed, in pounds or tons per month (for each HAP, the sum of (c) times (e) for all coatings plus the sum of (g) times (i) for all of the cleanup materials);
- k. the total combined HAP usage from all coatings and cleanup materials employed, in pounds or tons per month (the sum of (d) times (e) for all of the coatings plus the sum of (h) times (i) for all of the cleanup material);
- l. the total VOC emissions from all coatings and cleanup materials employed, in pounds or tons per month (the sum of (b) times (e) for all of the coatings plus the sum of (b) times (i) for all cleanup materials);
- m. the rolling, 12-month summation of individual HAP usage from all coatings and cleanup materials employed, in pounds or tons per year (the sum of (j) for the previous 12 calendar months);
- n. the rolling, 12-month summation of the total combined HAP usage from all coatings and cleanup materials employed, in pounds or tons per year (the sum of (k) for the previous 12 calendar months);
- o. the rolling, 12-month summation of the total VOC emissions from all coatings and cleanup materials employed, in tons (the sum of (l) for the previous 12 calendar months);
- p. the rolling, 12-month summation of the total gallons of cleanup materials employed (the sum of (i) for the previous 12 calendar months); and
- q. the rolling, 12-month summation of the total gallons of coating employed (the sum of (e) for the previous 12 calendar months).

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting the Canton local air agency. This information does not have to be kept on a line-by-line basis.

- 3. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative cleanup material usage and the cumulative coating usage for each calendar month.
- 4. The permit to install for emissions units (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) was evaluated based on the actual materials (typically coatings

and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: MIBK

TLV (mg/m³): 234

Maximum Hourly Emission Rate (lbs/hr): 7.11

Predicted 1 Hour Maximum Ground-Level Concentration (ug/m³): 2,001

MAGLC (ug/m³): 5,571

Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

- a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," 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 pollutant with a listed TLV that was proposed in the application and modeled; and
- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the "Air Toxic Policy" 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(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

- a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
- b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and,
- c. where computer modeling is performed, a copy of the resulting computer model runs that shows the results of the application of the "Air Toxic Policy" for the change.

IV. Reporting Requirements

1. The permittee shall notify the Canton local air agency in writing of any daily record showing the use of noncomplying coatings or cleanup materials. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 30 days following the end of the calendar month in which the exceedance occurred.
2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:
 - a. the average hourly mass emission limitation for VOC;
 - b. the rolling, 12-month usage limitation of 851 gallons of cleanup material and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative cleanup material usage levels; and
 - c. the rolling, 12-month usage limitation of 6,048 gallons of coating and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative coating usage levels; and
 - d. the rolling, 12-month facility emission limitations for individual HAPs and combined HAPs; and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative emission levels for individual HAPs and combined HAPs.
3. The permittee shall submit annual reports which specify the VOC material usage (includes coating and cleanup), the VOC, total HAP, and individual HAP emissions, in tons, for (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043). These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Compliance Methods and Emission Testing Requirements

1. Compliance with emissions limitations of this permit shall be determined in accordance with the following methods:

- a. Emission Limitation
3.7 lbs VOC/gallon of coating, excluding water and exempt solvents

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.c.
- b. Emission Limitation
5.6 lbs VOC/gallon of cleanup material

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.c.
- c. Emission Limitation
Volatile organic compound emissions from this emissions unit shall not exceed 6.0 lbs/hr.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.e.
- d. Emission Limitation
The combined annual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) shall not exceed 24 tons as a rolling, 12-month summation.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.n.
- e. Emission Limitation
The annual individual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) shall not exceed 9.0 tons as a rolling, 12-month summation.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.m.
- f. Emission Limitation
Volatile organic compound emissions from this emissions unit shall not exceed 13.57 tons per year based upon a rolling, 12-month summation of the monthly emissions.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.o.

2. Compliance with the operational limitations of this permit shall be determined in accordance with the following methods:

- a. Operational Limitation

The maximum annual amount of cleanup material used shall not exceed 851 gallons, based upon a rolling, 12-month summation of the amount of cleanup material used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.p.

- b. Operational Limitation

The maximum annual amount of coating used shall not exceed 6,048 gallons, based upon a rolling, 12-month summation of the amount of coating used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and record keeping as specified in section A.III.2.q.

VI. Miscellaneous Requirements

1. This permit to install shall supercede all the air pollution control requirements for these emissions units previously contained in the following permits to install:
 - a. 15-1328 as issued on October 16, 1998 and modified on August 11, 1999;
 - b. 15-1369 as issued on May 19, 1999; and
 - c. 15-1376 as issued on October 27, 1999.
 - d. 15-01433 as issued on Sept. 10, 2002

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K028 - LINE 201 - END L I N E R (SOLVENT-BASED). Spray application of an end seal compound to the inner lip of unfinished 2- and 3-piece can ends.	OAC rule 3745-31-05	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K030 - LINE 201 - CONVERSION PRESS. Wipe application of tab lubricant, rust inhibitor, and repair coat to unconverted can ends for tab attachment in conversion press.	OAC rule 3745-31-05(A)(3)	<p>Volatile organic compound emissions from this emissions unit shall not exceed 1.2 lb/hr and 2.26 tons/year.</p> <p>The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(2)(e).</p>
	OAC rule 3745-35-07(B) Synthetic Minor to avoid Title V	<p>Volatile organic compound emissions from this emissions unit shall not exceed 2.26 tons per year based upon a rolling, 12-month summation of the monthly emissions.</p> <p>See A.I.2.a and A.II.2 through A.II.7.</p>
	OAC rule 3745-21-09(U)(2)(e)	<p>See A.II.1 below.</p>

2. Additional Terms and Conditions

- 2.a The combined annual emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) shall not exceed the following as a rolling, 12-month summation:
 - i. 24.0 tons of all hazardous air pollutants (HAP); and
 - ii. 9.0 tons of any individual HAP.

B. Operational Restrictions

1. The maximum daily combined usage rate of tab lubricant, rust inhibitor, and repair coat for this emissions unit shall not exceed 10 gallons.

2. The limitation for volatile organic compound emissions from this emissions unit of 2.26 tons per year based upon a rolling, 12-month summation of the monthly emissions shall be achieved by the following:
 - a. the maximum annual amount of tab lubricant used shall not exceed 588 gallons, based upon a rolling, 12-month summation of the amount of tab lubricant used each month;
 - b. the maximum annual amount of rust inhibitor used shall not exceed 292 gallons, based upon a rolling, 12-month summation of the amount of rust inhibitor used each month;
 - c. the maximum annual amount of repair coat used shall not exceed 1,168 gallons, based upon a rolling, 12-month summation of the amount of repair coat used each month;
 - d. the VOC content of the tab lubricant used shall not exceed 5.74 lbs/gal (other materials may be used if approved by the Canton local air agency prior to initial use);
 - e. the VOC content of the rust inhibitor used shall not exceed 3.59 lbs/gal (other materials may be used if approved by the Canton local air agency prior to initial use); and
 - f. the VOC content of the repair coat used shall not exceed 0.09 lb/gal (other materials may be used if approved by the Canton local air agency prior to initial use).

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

Month(s)	Maximum Allowable Cumulative Tab Lubricant Usage (gallons)
1	49
1-2	98
1-3	147
1-4	196
1-5	245
1-6	294

1-7	343
1-8	392
1-9	441
1-10	490
1-11	539
1-12	588

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

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

Month(s)	Maximum Allowable Cumulative Rust Inhibitor Usage (gallons)
1	24
1-2	49
1-3	73
1-4	97
1-5	122
1-6	146
1-7	170
1-8	195
1-9	219
1-10	243
1-11	268
1-12	292

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

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

Sunoco-Phoenix Inc. Warner Plant
PTI Application: 15-01592
Issued: To be entered upon final issuance

Facility ID: 1576051610
Emissions Unit ID: K030

Month(s)	Maximum Allowable Cumulative Repair Coat Usage (gallons)
1	97
1-2	195
1-3	292
1-4	389
1-5	487
1-6	584
1-7	681
1-8	779
1-9	876
1-10	973
1-11	1,071
1-12	1,168

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

6. The potential emissions [as defined by OAC rule 3745-77-01(BB)] of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from this facility shall be less than 10 TPY for any single HAP and 25 TPY for any combination of HAPs, based upon rolling, 12-month summations.
7. To ensure enforceability during the first 12 calendar months of operation following issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month(s)	Maximum Allowable Commutative Emissions of Each Individual HAP (tons)	Maximum Allowable Commutative Emissions of Total Combined HAPs (tons)
1	1.0	2.0
1-2	2.0	4.0
1-3	3.0	6.0
1-4	4.0	8.0
1-5	5.0	10.0
1-6	6.0	12.0
1-7	6.5	14.0
1-8	7.0	16.0
1-9	7.5	18.0
1-10	8.0	20.0
1-11	8.5	22.0
1-12	9.0	24.0

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission limitations shall be based upon a rolling, 12-month summation of the emission figures.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each day for the emissions unit:
 - a. the name and identification number of each tab lubricant, rust inhibitor, and repair coat employed;
 - b. the number of gallons of each tab lubricant, rust inhibitor, and repair coat employed, as applied;
 - c. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each tab lubricant, rust inhibitor, and repair coat employed, as applied;
 - d. the total number of hours the emissions unit was in operation;
 - e. the average hourly VOC emission rates for all tab lubricants, rust inhibitors, and repair coats, in pounds per hour (average); and
 - f. the total volume, in gallons, of all the tab lubricants, rust inhibitors, and repair coats employed.

2. The permittee shall collect and record the following information for each month for each tab lubricant, rust inhibitor, and repair coat material employed:
 - a. the name and identification number of each tab lubricant, rust inhibitor, and repair coat employed, as applied;
 - b. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each tab lubricant, rust inhibitor, and repair coat employed, as applied;
 - c. the individual Hazardous Air Pollutant (HAP) content, for each HAP of each tab lubricant, in pounds of individual HAP per gallon of tab lubricant, as applied;
 - d. the total combined HAP content of each tab lubricant, in pounds of combined HAPs per gallon of tab lubricant, as applied (sum all the individual HAP contents from (c));
 - e. the number of gallons of each tab lubricant employed, as applied;
 - f. the individual HAP content for each HAP of each rust inhibitor, in pounds of individual HAP per gallon of rust inhibitor, as applied;

- g. the total combined HAP content of each rust inhibitor, in pounds of combined HAPs per gallon of rust inhibitor, as applied (sum all the individual HAP contents from (f));
- h. the number of gallons of rust inhibitor employed;
- i. the individual HAP content for each HAP of each repair coat, in pounds of individual HAP per gallon of repair coat, as applied;
- j. the total combined HAP content of each repair coat, in pounds of combined HAPs per gallon of repair coat, as applied (sum all the individual HAP contents from (i));
- k. the number of gallons of repair coat employed;
- l. the total individual HAP usage from all tab lubricants, rust inhibitors, and repair coats employed, in pounds or tons per month (for each HAP, the sum of (c) times (e) for all tab lubricants plus the sum of (f) times (h) for all of the rust inhibitors plus the sum of (i) times (k) for all of the repair coatings);
- m. the total combined HAP usage from all tab lubricants, rust inhibitors, and repair coats employed, in pounds or tons per month (the sum of (d) times (e) for all of the tab lubricants plus the sum of (g) times (h) for all of the rust inhibitors plus the sum of (j) times (k) for all repair coatings);
- n. the total VOC emissions from all tab lubricants, rust inhibitors, and repair coats employed, in pounds or tons per month (the sum of (b) times (e) for all of the tab lubricants plus the sum of (b) times (h) for all rust inhibitors plus the sum of (b) times (k) for all repair coatings);
- o. the rolling, 12-month summation of individual HAP usage from all tab lubricants, rust inhibitors, and repair coats employed, in pounds or tons per year (the sum of (l) for the previous 12 calendar months);
- p. the rolling, 12-month summation of the total combined HAP usage from all tab lubricants, rust inhibitors, and repair coats employed, in pounds or tons per year (the sum of (m) for the previous 12 calendar months);
- q. the rolling, 12-month summation of the total VOC emissions from all tab lubricants, rust inhibitors, and repair coats employed, in pounds or tons per year (the sum of (n) for the previous 12 calendar months);
- r. the rolling, 12-month summation of the gallons of tab lubricant employed (the sum of (e) for the previous 12 calendar months);
- s. the rolling, 12-month summation of the gallons of rust inhibitor employed (the sum of (h) for the previous 12 calendar months); and

- t. the rolling, 12-month summation of the gallons of repair coat employed (the sum of (k) for the previous 12 calendar months).

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting the Canton local air agency. This information does not have to be kept on a line-by-line basis.

- 3. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative tab lubricant usage, the cumulative rust inhibitor usage and the cumulative repair coat usage for each calendar month.
- 4. The permit to install for emissions units (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: MIBK

TLV (mg/m³): 234

Maximum Hourly Emission Rate (lbs/hr): 7.11

Predicted 1 Hour Maximum Ground-Level Concentration (ug/m³): 2,001

MAGLC (ug/m³): 5,571

Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

- a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," 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 pollutant with a listed TLV that was proposed in the application and modeled; and

- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the "Air Toxic Policy" 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(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

- a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
- b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and,
- c. where computer modeling is performed, a copy of the resulting computer model runs that shows the results of the application of the "Air Toxic Policy" for the change.

IV. Reporting Requirements

- 1. The permittee shall notify the Canton local air agency in writing of any daily record showing the use of noncomplying tab lubricants, rust inhibitors, and repair coats. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 30 days following the end of the calendar month in which the exceedance occurred.
- 2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:
 - a. the average hourly mass emission limitation for VOC;
 - b. the rolling, 12-month usage limitation of 588 gallons of tab lubricant and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative tab lubricant usage levels;
 - c. the rolling, 12-month usage limitation of 292 gallons of rust inhibitors and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative rust inhibitor usage levels;
 - d. the rolling, 12-month usage limitation of 1,168 gallons of repair coat and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative repair coat usage levels; and

- e. the rolling, 12-month facility emission limitations for individual HAPs and combined HAPs; and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative emission levels for individual HAPs and combined HAPs.
3. The permittee shall submit annual reports which specify the VOC material usage (includes tab lubricants, rust inhibitors, and repair coats), the VOC, total HAP, and individual HAP emissions, in tons, for (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043). These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
4. The permittee shall notify the Canton local air agency in writing of any daily record showing that this emissions unit employed more than the applicable maximum daily combined usage limit for tab lubricants, rust inhibitors, and repair coats. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 45 days after the exceedance.

V. Compliance Methods and Emission Testing Requirements

1. Compliance with emissions limitations of this permit shall be determined in accordance with the following methods:
 - a. Emission Limitation
The VOC content of the tab lubricant used shall not exceed 5.74 lbs/gal

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.c.
 - b. Emission Limitation
The VOC content of the rust inhibitor used shall not exceed 3.59 lbs/gal.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.c.
 - c. Emission Limitation
The VOC content of the repair coat used shall not exceed 0.09 lb/gal.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.c.
 - d. Emission Limitation
Volatile organic compound emissions from this emissions unit shall not exceed 1.2 lb/hr.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.e.

e. Emission Limitation

The combined annual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) shall not exceed 24 tons as a rolling, 12-month summation.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.p.

f. Emission Limitation

The annual individual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) shall not exceed 9.0 tons as a rolling, 12-month summation.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.o.

g. Emission Limitation

Volatile organic compound emissions from this emissions unit shall not exceed 2.26 tons per year based upon a rolling, 12-month summation of the monthly emissions.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.q.

2. Compliance with the operational limitations of this permit shall be determined in accordance with the following methods:

a. Operational Limitation

The maximum annual amount of tab lubricant used shall not exceed 588 gallons, based upon a rolling, 12-month summation of the amount of tab lubricant used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.r.

b. Operational Limitation

The maximum annual amount of rust inhibitor used shall not exceed 292 gallons, based upon a rolling, 12-month summation of the amount of rust inhibitor used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.s.

c. Operational Limitation

The maximum annual amount of repair coat used shall not exceed 1,168 gallons, based upon a rolling, 12-month summation of the amount of repair coat used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.t.

d. Operational Limitation

The maximum daily combined usage rate of tab lubricant, rust inhibitor, and repair coat for this emissions unit shall not exceed 10 gallons.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.f.

F. Miscellaneous Requirements

1. This permit to install shall supercede all the air pollution control requirements for these emissions units previously contained in the following permits to install:
 - a. 15-1328 as issued on October 16, 1998 and modified on August 11, 1999;
 - b. 15-1369 as issued on May 19, 1999; and
 - c. 15-1376 as issued on October 27, 1999.
 - d. 15-01433 as issued on Sept. 10, 2002

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K030 - LINE 201 - CONVERSION PRESS. Wipe application of tab lubricant, rust inhibitor, and repair coat to unconverted can ends for tab attachment in conversion press.	OAC rule 3745-31-05	None

2. **Additional Terms and Conditions**

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K040 - LINE 208 - PENNALVER POST REPAIR. K040 - Post repair spray for coating the inside score line of easy-open can ends.	OAC rule 3745-31-05(A)(3)	Volatile organic compound emissions from this emissions unit shall not exceed 6.65 lbs/hr and 6.33 tons/year. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(2)(e).
	OAC rule 3745-35-07(B) Synthetic Minor to avoid Title V	Volatile organic compound emissions from this emissions unit shall not exceed 6.33 tons per year based upon a rolling, 12-month summation of the monthly emissions. See A.I.2.a and A.II.2 through A.II.6.
	OAC rule 3745-21-09(U)(2)(e)	See A.II.1 below.

2. Additional Terms and Conditions

- 2.a The combined annual emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) shall not exceed the following as a rolling, 12-month summation:
 - i. 24.0 tons of all hazardous air pollutants (HAP); and
 - ii. 9.0 tons of any individual HAP.

II. Operational Restrictions

1. The maximum daily usage rate of repair coat for this emissions unit shall not exceed 10 gallons.
2. The limitation for volatile organic compound emissions from this emissions unit of 6.33 tons per year based upon a rolling, 12-month summation of the monthly emissions shall be achieved by the following:
 - a. the maximum annual amount of repair coat used shall not exceed 2,226 gallons, based upon a rolling, 12-month summation of the amount of repair coat used each month;
 - b. the maximum annual amount of cleanup material used shall not exceed 180 gallons, based upon a rolling, 12-month summation of the amount of cleanup material used each month;
 - c. the VOC content of the repair coat used shall not exceed 5.15 lbs/gal (other materials may be used if approved by the Canton local air agency prior to initial use); and
 - d. the VOC content of the cleanup material used shall not exceed 6.67 lbs/gal (other materials may be used if approved by the Canton local air agency prior to initial use).
3. To ensure enforceability during the first 12 calendar months of operation following issuance of this permit, the permittee shall not exceed the repair coat usage levels specified in the following table:

Month(s)	Maximum Allowable Cumulative Repair Coat Usage (gallons)
1	186
1-2	371
1-3	557
1-4	742
1-5	928
1-6	1,113
1-7	1,299
1-8	1,484
1-9	1,670
1-10	1,855
1-11	2,041
1-12	2,226

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

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

Month(s)	Maximum Allowable Cumulative Cleanup Material Usage (gallons)
1	15
1-2	30
1-3	45
1-4	60
1-5	75
1-6	90
1-7	105
1-8	120
1-9	135
1-10	150
1-11	165
1-12	180

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

5. The potential emissions [as defined by OAC rule 3745-77-01(BB)] of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from this facility shall be less than 10 TPY for any single HAP and 25 TPY for any combination of HAPs, based upon rolling, 12-month summations.
6. To ensure enforceability during the first 12 calendar months of operation following issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month(s)	Maximum Allowable Commutative Emissions of Each Individual HAP (tons)	Maximum Allowable Commutative Emissions of Total Combined HAPs (tons)
1	1.0	2.0
1-2	2.0	4.0
1-3	3.0	6.0
1-4	4.0	8.0

1-5	5.0	10.0
1-6	6.0	12.0
1-7	6.5	14.0
1-8	7.0	16.0
1-9	7.5	18.0
1-10	8.0	20.0
1-11	8.5	22.0
1-12	9.0	24.0

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission limitations shall be based upon a rolling, 12-month summation of the emission figures.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each day for the emissions unit:
 - a. the name and identification number of each cleanup material and repair coat employed;
 - b. the number of gallons of each cleanup material and repair coat employed, as applied;
 - c. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each cleanup material and repair coat employed, as applied;
 - d. the total number of hours the emissions unit was in operation;
 - e. the average hourly VOC emission rates for all cleanup material and repair coat, in pounds per hour (average); and
 - f. the total volume, in gallons, of all the cleanup materials and repair coats employed.
2. The permittee shall collect and record the following information for each month for each cleanup material and repair coat material employed:
 - a. the name and identification number of each cleanup material and repair coat employed, as applied;
 - b. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each cleanup material and repair coat employed, as applied;
 - c. the individual Hazardous Air Pollutant (HAP) content, for each HAP of each cleanup material, in pounds of individual HAP per gallon of cleanup material, as applied;

- d. the total combined HAP content of each cleanup material, in pounds of combined HAPs per gallon of cleanup material, as applied (sum all the individual HAP contents from (c));
- e. the number of gallons of each cleanup material employed, as applied;
- f. the individual HAP content for each HAP of each repair coat, in pounds of individual HAP per gallon of repair coat, as applied;
- g. the total combined HAP content of each repair coat, in pounds of combined HAPs per gallon of repair coat, as applied (sum all the individual HAP contents from (f));
- h. the number of gallons of repair coat employed;
- i. the total individual HAP usage from all cleanup materials and repair coats employed, in pounds or tons per month (for each HAP, the sum of (c) times (e) for all cleanup materials plus the sum of (f) times (h) for all of the repair coats);
- j. the total combined HAP usage from all cleanup materials and repair coats employed, in pounds or tons per month (the sum of (d) times (e) for all of the cleanup materials plus the sum of (g) times (h) for all of the repair coats);
- k. the total VOC emissions from all cleanup materials and repair coats employed, in pounds or tons per month (the sum of (b) times (e) for all of the cleanup materials plus the sum of (b) times (h) for all repair coats);
- l. the rolling, 12-month summation of individual HAP usage from all cleanup materials and repair coats employed, in pounds or tons per year (the sum of (i) for the previous 12 calendar months);
- m. the rolling, 12-month summation of the total combined HAP usage from all cleanup materials and repair coats employed, in pounds or tons per year (the sum of (j) for the previous 12 calendar months);
- n. the rolling, 12-month summation of total VOC emissions from all cleanup materials and repair coats employed, in pounds or tons per year (the sum of (k) for the previous 12 calendar months);
- o. the rolling, 12-month summation of the gallons of repair coats employed, (the sum of (h) for the previous 12 calendar months); and
- p. the rolling, 12-month summation of the gallons of cleanup materials employed, (the sum of (e) for the previous 12 calendar months).

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting the Canton local air agency. This information does not have to be kept on a line-by-line basis.

3. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative cleanup material usage and the cumulative repair coat usage for each calendar month.
4. The permit to install for emissions units (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: MIBK

TLV (mg/m³): 234

Maximum Hourly Emission Rate (lbs/hr): 7.11

Predicted 1 Hour Maximum Ground-Level Concentration (ug/m³): 2,001

MAGLC (ug/m³): 5,571

Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

- a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," 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 pollutant with a listed TLV that was proposed in the application and modeled; and
- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the "Air Toxic Policy" 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(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

- a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
- b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and,
- c. where computer modeling is performed, a copy of the resulting computer model runs that shows the results of the application of the "Air Toxic Policy" for the change.

IV. Reporting Requirements

1. The permittee shall notify the Canton local air agency in writing of any daily record showing the use of noncomplying cleanup materials and/or repair coats. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 30 days following the end of the calendar month in which the exceedance occurred.
2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:
 - a. the average hourly mass emission limitation for VOC;
 - b. the rolling, 12-month usage limitation of 180 gallons of cleanup material and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative cleanup material usage levels;
 - c. the rolling, 12-month usage limitation of 2,226 gallons of repair coat and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative repair coat usage levels; and
 - d. the rolling, 12-month facility emission limitations for individual HAPs and combined HAPs; and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative emission levels for individual HAPs and combined HAPs.

3. The permittee shall submit annual reports which specify the VOC material usage (includes cleanup material and repair coats), the VOC, total HAP, and individual HAP emissions, in tons, for (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043). These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
4. The permittee shall notify the Canton local air agency in writing of any daily record showing that this emissions unit employed more than the applicable maximum daily usage limit for repair coats. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 45 days after the exceedance.

V. Compliance Methods and Emission Testing Requirements

1. Compliance with emissions limitations of this permit shall be determined in accordance with the following methods:
 - a. Emission Limitation
The VOC content of the cleanup materials used shall not exceed 6.67 lbs/gal.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.c.
 - b. Emission Limitation
The VOC content of the repair coat used shall not exceed 5.15 lbs/gal.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.c.
 - c. Emission Limitation
Volatile organic compound emissions from this emissions unit shall not exceed 6.65 lbs/hr.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.e.
 - d. Emission Limitation
The combined annual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) shall not exceed 24 tons as a rolling, 12-month summation.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.m.

- e. **Emission Limitation**
The annual individual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) shall not exceed 9.0 tons as a rolling, 12-month summation.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.i.

- f. **Emission Limitation**
Volatile organic compound emissions from this emissions unit shall not exceed 6.33 tons per year based upon a rolling, 12-month summation of the monthly emissions.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.n.

- 2. **Compliance with the operational limitations of this permit shall be determined in accordance with the following methods:**

- a. **Operational Limitation**
The maximum annual amount of cleanup material used shall not exceed 180 gallons, based upon a rolling, 12-month summation of the amount of cleanup material used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.p.

- b. **Operational Limitation**
The maximum annual amount of repair coat used shall not exceed 2,226 gallons, based upon a rolling, 12-month summation of the amount of repair coat used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.o.

- c. **Operational Limitation**
The maximum daily usage rate of repair coat for this emissions unit shall not exceed 10 gallons.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.f.

Sunoco-Phoenix Inc. Warner Plant
PTI Application: 15-01592
Issued: To be entered upon final issuance

Facility ID: 1576051610
Emissions Unit ID: K040

F. Miscellaneous Requirements

1. This permit to install shall supercede all the air pollution control requirements for these emissions units previously contained in the following permits to install:
 - a. 15-1328 as issued on October 16, 1998 and modified on August 11, 1999;
 - b. 15-1369 as issued on May 19, 1999; and
 - c. 15-1376 as issued on October 27, 1999.
 - d. 15-01433 as issued on Sept. 10, 2002

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K040 - LINE 208 - PENNALVER POST REPAIR. K040 - Post repair spray for coating the inside score line of easy-open can ends.	OAC rule 3745-31-05	None

2. **Additional Terms and Conditions**

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K041 - LINE 201 - PENNALVER POST REPAIR. K041 - Post repair spray for coating the inside score line of easy-open can ends.	OAC rule 3745-31-05(A)(3)	Volatile organic compound emissions from this emissions unit shall not exceed 6.65 lbs/hr and 6.33 tons/year. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(2)(e).
	OAC rule 3745-35-07(B) Synthetic Minor to avoid Title V	Volatile organic compound emissions from this emissions unit shall not exceed 6.33 tons per year based upon a rolling, 12-month summation of the monthly emissions. See A.I.2.a and A.II.2 through A.II.7.
	OAC rule 3745-21-09(U)(2)(e)	See A.II.1 below.

2. Additional Terms and Conditions

- 2.a The combined annual emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) shall not exceed the following as a rolling, 12-month summation:
 - i. 24.0 tons of all hazardous air pollutants (HAP); and
 - ii. 9.0 tons of any individual HAP.

II. Operational Restrictions

1. The maximum daily usage rate of repair coat for this emissions unit shall not exceed 10 gallons.
2. The limitation for volatile organic compound emissions from this emissions unit of 6.33 tons per year based upon a rolling, 12-month summation of the monthly emissions shall be achieved by the following:
 - a. the maximum annual amount of repair coat used shall not exceed 2,226 gallons, based upon a rolling, 12-month summation of the amount of repair coat used each month;
 - b. the maximum annual amount of cleanup material used shall not exceed 180 gallons, based upon a rolling, 12-month summation of the amount of cleanup material used each month;
 - c. the VOC content of the repair coat used shall not exceed 5.15 lbs/gal (other materials may be used if approved by the Canton local air agency prior to initial use); and
 - d. the VOC content of the cleanup material used shall not exceed 6.67 lbs/gal (other materials may be used if approved by the Canton local air agency prior to initial use).
3. To ensure enforceability during the first 12 calendar months of operation following issuance of this permit, the permittee shall not exceed the repair coat usage levels specified in the following table:

Month(s)	Maximum Allowable Cumulative Repair Coat Usage (gallons)
1	186
1-2	371
1-3	557
1-4	742
1-5	928
1-6	1,113
1-7	1,299
1-8	1,484
1-9	1,670
1-10	1,855
1-11	2,041
1-12	2,226

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

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

Month(s)	Maximum Allowable Cumulative Cleanup Material Usage (gallons)
1	15
1-2	30
1-3	45
1-4	60
1-5	75
1-6	90
1-7	105
1-8	120
1-9	135
1-10	150
1-11	165
1-12	180

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

5. The potential emissions [as defined by OAC rule 3745-77-01(BB)] of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from this facility shall be less than 10 TPY for any single HAP and 25 TPY for any combination of HAPs, based upon rolling, 12-month summations.

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

Month(s)	Maximum Allowable Commutative Emissions of Each Individual HAP (tons)	Maximum Allowable Commutative Emissions of Total Combined HAPs (tons)
1	1.0	2.0
1-2	2.0	4.0
1-3	3.0	6.0

1-4	4.0	8.0
1-5	5.0	10.0
1-6	6.0	12.0
1-7	6.5	14.0
1-8	7.0	16.0
1-9	7.5	18.0
1-10	8.0	20.0
1-11	8.5	22.0
1-12	9.0	24.0

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission limitations shall be based upon a rolling, 12-month summation of the emission figures.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each day for the emissions unit:
 - a. the name and identification number of each cleanup material and repair coat employed;
 - b. the number of gallons of each cleanup material and repair coat employed, as applied;
 - c. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each cleanup material and repair coat employed, as applied;
 - d. the total number of hours the emissions unit was in operation;
 - e. the average hourly VOC emission rates for all cleanup material and repair coat, in pounds per hour (average); and
 - f. the total volume, in gallons, of all the cleanup materials and repair coats employed.
2. The permittee shall collect and record the following information for each month for each cleanup material and repair coat material employed:
 - a. the name and identification number of each cleanup material and repair coat employed, as applied;
 - b. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each cleanup material and repair coat employed, as applied;
 - c. the individual Hazardous Air Pollutant (HAP) content, for each HAP of each cleanup material, in pounds of individual HAP per gallon of cleanup material, as applied;

- d. the total combined HAP content of each cleanup material, in pounds of combined HAPs per gallon of cleanup material, as applied (sum all the individual HAP contents from (c));
- e. the number of gallons of each cleanup material employed, as applied;
- f. the individual HAP content for each HAP of each repair coat, in pounds of individual HAP per gallon of repair coat, as applied;
- g. the total combined HAP content of each repair coat, in pounds of combined HAPs per gallon of repair coat, as applied (sum all the individual HAP contents from (f));
- h. the number of gallons of repair coat employed;
- i. the total individual HAP usage from all cleanup materials and repair coats employed, in pounds or tons per month (for each HAP, the sum of (c) times (e) for all cleanup materials plus the sum of (f) times (h) for all of the repair coats);
- j. the total combined HAP usage from all cleanup materials and repair coats employed, in pounds or tons per month (the sum of (d) times (e) for all of the cleanup materials plus the sum of (g) times (h) for all of the repair coats);
- k. the total VOC emissions from all cleanup materials and repair coats employed, in pounds or tons per month (the sum of (b) times (e) for all of the cleanup materials plus the sum of (b) times (h) for all repair coats);
- l. the rolling, 12-month summation of individual HAP usage from all cleanup materials and repair coats employed, in pounds or tons per year (the sum of (i) for the previous 12 calendar months);
- m. the rolling, 12-month summation of the total combined HAP usage from all cleanup materials and repair coats employed, in pounds or tons per year (the sum of (j) for the previous 12 calendar months);
- n. the rolling, 12-month summation of total VOC emissions from all cleanup materials and repair coats employed, in pounds or tons per year (the sum of (k) for the previous 12 calendar months);
- o. the rolling, 12-month summation of the gallons of repair coats employed, (the sum of (h) for the previous 12 calendar months); and
- p. the rolling, 12-month summation of the gallons of cleanup materials employed, (the sum of (e) for the previous 12 calendar months).

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting the Canton local air agency. This information does not have to be kept on a line-by-line basis.

3. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative cleanup material usage and the cumulative repair coat usage for each calendar month.
4. The permit to install for emissions units (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: MIBK

TLV (mg/m³): 234

Maximum Hourly Emission Rate (lbs/hr): 7.11

Predicted 1 Hour Maximum Ground-Level Concentration (ug/m³): 2,001

MAGLC (ug/m³): 5,571

Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

- a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," 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 pollutant with a listed TLV that was proposed in the application and modeled; and
- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the “Air Toxic Policy” 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(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the “Air Toxic Policy:”

- a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
- b. documentation of its evaluation and determination that the changed emissions unit still satisfies the “Air Toxic Policy”; and,
- c. where computer modeling is performed, a copy of the resulting computer model runs that shows the results of the application of the “Air Toxic Policy” for the change.

IV. Reporting Requirements

1. The permittee shall notify the Canton local air agency in writing of any daily record showing the use of noncomplying cleanup materials and/or repair coats. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 30 days following the end of the calendar month in which the exceedance occurred.
2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:
 - a. the average hourly mass emission limitation for VOC;
 - b. the rolling, 12-month usage limitation of 180 gallons of cleanup material and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative cleanup material usage levels;
 - c. the rolling, 12-month usage limitation of 2,226 gallons of repair coat and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative repair coat usage levels; and
 - d. the rolling, 12-month facility emission limitations for individual HAPs and combined HAPs; and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative emission levels for individual HAPs and combined HAPs.

3. The permittee shall submit annual reports which specify the VOC material usage (includes cleanup material and repair coats), the VOC, total HAP, and individual HAP emissions, in tons, for (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043). These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
4. The permittee shall notify the Canton local air agency in writing of any daily record showing that this emissions unit employed more than the applicable maximum daily usage limit for repair coats. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 45 days after the exceedance.

V. Compliance Methods and Emission Testing Requirements

1. Compliance with emissions limitations of this permit shall be determined in accordance with the following methods:
 - a. Emission Limitation
The VOC content of the cleanup materials used shall not exceed 6.67 lbs/gal.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.c.
 - b. Emission Limitation
The VOC content of the repair coat used shall not exceed 5.15 lbs/gal.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.c.
 - c. Emission Limitation
Volatile organic compound emissions from this emissions unit shall not exceed 6.65 lbs/hr.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.e.
 - d. Emission Limitation
The combined annual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) shall not exceed 24 tons as a rolling, 12-month summation.

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.m.

- e. **Emission Limitation**
The annual individual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) shall not exceed 9.0 tons as a rolling, 12-month summation.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.i.

- f. **Emission Limitation**
Volatile organic compound emissions from this emissions unit shall not exceed 6.33 tons per year based upon a rolling, 12-month summation of the monthly emissions.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.n.

- 2. **Compliance with the operational limitations of this permit shall be determined in accordance with the following methods:**

- a. **Operational Limitation**
The maximum annual amount of cleanup material used shall not exceed 180 gallons, based upon a rolling, 12-month summation of the amount of cleanup material used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.p.

- b. **Operational Limitation**
The maximum annual amount of repair coat used shall not exceed 2,226 gallons, based upon a rolling, 12-month summation of the amount of repair coat used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.o.

- c. **Operational Limitation**
The maximum daily usage rate of repair coat for this emissions unit shall not exceed 10 gallons.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.f.

Sunoco-Phoenix Inc. Warner Plant
PTI Application: 15-01592
Issued: To be entered upon final issuance

Facility ID: 1576051610
Emissions Unit ID: K041

F. Miscellaneous Requirements

1. This permit to install shall supercede all the air pollution control requirements for these emissions units previously contained in the following permits to install:
 - a. 15-1328 as issued on October 16, 1998 and modified on August 11, 1999;
 - b. 15-1369 as issued on May 19, 1999; and
 - c. 15-1376 as issued on October 27, 1999.
 - d. 15-01433 as issued on Sept 10, 2002

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K041 - LINE 201 - PENNALVER POST REPAIR. K041 - Post repair spray for coating the inside score line of easy-open can ends.	OAC rule 3745-31-05	None

2. **Additional Terms and Conditions**

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K043 - LINE 206 - ELECTROLYTIC DIP. Electrolytic dip application of repair coat material to converted can ends.	OAC rule 3745-31-05(A)(3)	<p>Volatile organic compound emissions from this emissions unit shall not exceed 0.36 lb/hr and 1.06 tons/year.</p> <p>See A.II.1 below.</p>
	OAC rule 3745-35-07(B) Synthetic Minor to avoid Title V	<p>Volatile organic compound emissions from this emissions unit shall not exceed 1.06 tons per year based upon a rolling, 12-month summation of the monthly emissions.</p> <p>See A.I.2.a and A.II.2 through A.II.5 below.</p>
	OAC rule 3745-21-09(D)(2)(e)	<p>The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).</p>

2. Additional Terms and Conditions

- 2.a The combined annual emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) shall not exceed the following as a rolling, 12-month summation:
 - i. 24.0 tons of all hazardous air pollutants (HAP); and
 - ii. 9.0 tons of any individual HAP.

II. Operational Restrictions

1. The permittee shall not permit the use of coatings that are in excess of 0.17 pound of VOC per gallon of coating, excluding water and exempt solvents.
2. The limitation for volatile organic compound emissions from this emissions unit of 1.06 tons per year based upon a rolling, 12-month summation of the monthly emissions shall be achieved limiting the maximum annual amount of coating used to 12,432 gallons, based upon a rolling, 12-month summation of the amount of coating used each month
3. To ensure enforceability during the first 12 calendar months of operation following issuance of this permit, the permittee shall not exceed the coating usage levels specified in the following table:

Month(s)	Maximum Allowable Cumulative Coating Usage (gallons)
1	1,036
1-2	2,072
1-3	3,108
1-4	4,144
1-5	5,180
1-6	6,216
1-7	7,252
1-8	8,288
1-9	9,324
1-10	10,360
1-11	11,396
1-12	12,432

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

4. The potential emissions [as defined by OAC rule 3745-77-01(BB)] of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from this facility shall be less than 10 TPY for any single HAP and 25 TPY for any combination of HAPs, based upon rolling, 12-month summations.
5. To ensure enforceability during the first 12 calendar months of operation following issuance of this permit, the permittee shall not exceed the emission levels specified in the following table:

Month(s)	Maximum Allowable Commutative Emissions of Each Individual HAP (tons)	Maximum Allowable Commutative Emissions of Total Combined HAPs (tons)
1	1.0	2.0
1-2	2.0	4.0
1-3	3.0	6.0
1-4	4.0	8.0
1-5	5.0	10.0
1-6	6.0	12.0
1-7	6.5	14.0
1-8	7.0	16.0
1-9	7.5	18.0
1-10	8.0	20.0
1-11	8.5	22.0
1-12	9.0	24.0

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission limitations shall be based upon a rolling, 12-month summation of the emission figures.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each day for the emissions unit:
 - a. the name and identification number of each coating employed;
 - b. the number of gallons of each coating employed, as applied;
 - c. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each coating employed, as applied;
 - d. the total number of hours the emissions unit was in operation; and
 - e. the average hourly VOC emission rates for all coatings, in pounds per hour (average).

2. The permittee shall collect and record the following information for each month for each coating employed:
 - a. the name and identification number of each coating employed, as applied;
 - b. the total VOC content, in pounds of VOC per gallon, excluding water and exempt solvents of each coating employed, as applied;

- c. the individual Hazardous Air Pollutant (HAP) content, for each HAP of each coating, in pounds of individual HAP per gallon of coating, as applied;
- d. the total combined HAP content of each coating, in pounds of combined HAPs per gallon of coating, as applied (sum all the individual HAP contents from (c));
- e. the number of gallons of each coating employed, as applied;
- f. the total individual HAP usage from all coatings employed, in pounds or tons per month (for each HAP, the sum of (c) times (e) for all of the coatings);
- g. the total combined HAP usage from all coatings employed, in pounds or tons per month (the sum of (d) times (e) for all of the coatings);
- h. the total VOC emissions from all coatings employed, in pounds or tons per month (the sum of (b) times (e) for all of the coatings);
- i. the rolling, 12-month summation of individual HAP usage from all coatings employed, in pounds or tons per year (the sum of (f) for the previous 12 calendar months);
- j. the rolling, 12-month summation of the total combined HAP usage from all coatings employed, in pounds or tons per year (the sum of (g) for the previous 12 calendar months);
- k. the rolling, 12-month summation of the total VOC emissions from all coatings employed, in pounds or tons per year (the sum of (h) for the previous 12 calendar months); and
- l. the rolling, 12-month summation of the total gallons of coatings employed (the sum of (e) for the previous 12 calendar months).

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting the Canton local air agency. This information does not have to be kept on a line-by-line basis.

- 3. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the coating usage for each calendar month.
- 4. The permit to install for emissions units (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour

maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the “worst case” pollutant(s):

Pollutant: MIBK

TLV (mg/m³): 234

Maximum Hourly Emission Rate (lbs/hr): 7.11

Predicted 1 Hour Maximum Ground-Level Concentration (ug/m³): 2,001

MAGLC (ug/m³): 5,571

Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the “Air Toxic Policy” is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the “Air Toxic Policy” will still be satisfied. If, upon evaluation, the permittee determines that the “Air Toxic Policy” will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the “Air Toxic Policy” include the following:

- a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value 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 pollutant with a listed TLV that was proposed in the application and modeled; and
- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the “Air Toxic Policy” 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(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the “Air Toxic Policy:”

- a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

- b. documentation of its evaluation and determination that the changed emissions unit still satisfies the “Air Toxic Policy”; and,
- c. where computer modeling is performed, a copy of the resulting computer model runs that shows the results of the application of the “Air Toxic Policy” for the change.

IV. Reporting Requirements

1. The permittee shall notify the Canton local air agency in writing of any daily record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 30 days following the end of the calendar month in which the exceedance occurred.
2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:
 - a. the average hourly mass emission limitation for VOC;
 - b. the rolling, 12-month usage limitation of 12,432 gallons of coating and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative coating usage levels; and
 - c. the rolling, 12-month facility emission limitations for individual HAPs and combined HAPs; and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative emission levels for individual HAPs and combined HAPs.
3. The permittee shall submit annual reports which specify the VOC material usage (includes coating and cleanup), the VOC, total HAP, and individual HAP emissions, in tons, for (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043). These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Compliance Methods and Emission Testing Requirements

1. Compliance with emissions limitations of this permit shall be determined in accordance with the following methods:
 - a. Emission Limitation
0.17 lb VOC/gallon of coating, excluding water and exempt solvents

Applicable Compliance Method
Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.c.

- b. Emission Limitation
Volatile organic compound emissions from this emissions unit shall not exceed 0.36 lb/hr.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.1.e.

- c. Emission Limitation
The combined annual hazardous air pollutant (HAP) emissions from the entire facility (K015, K016, K020, K021, K022, K024 thru K030, K040, K041, and K043) shall not exceed 24 tons as a rolling, 12-month summation.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.j.

- d. Emission Limitation
The annual individual hazardous air pollutant (HAP) emissions from the entire facility (K015-K028, K030-K033 and K040-K044) shall not exceed 9.0 tons as a rolling, 12-month summation.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.i.

- e. Emission Limitation
Volatile organic compound emissions from this emissions unit shall not exceed 1.06 tons per year based upon a rolling, 12-month summation of the monthly emissions.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.k.

- 2. Compliance with the operational limitations of this permit shall be determined in accordance with the following methods:

- a. Operational Limitation
The maximum annual amount of coating used shall not exceed 12,432 gallons, based upon a rolling, 12-month summation of the amount of coating used.

Applicable Compliance Method

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section A.III.2.l.

Sunoco-Phoenix Inc. Warner Plant
PTI Application: 15-01592
Issued: To be entered upon final issuance

Facility ID: 1576051610
Emissions Unit ID: K043

F. Miscellaneous Requirements

1. This permit to install shall supercede all the air pollution control requirements for these emissions units previously contained in the following permits to install:
 - a. 15-1328 as issued on October 16, 1998 and modified on August 11, 1999;
 - b. 15-1369 as issued on May 19, 1999; and
 - c. 15-1376 as issued on October 27, 1999.
 - d. 15-01433 as issued on Sept. 10, 2002