



**Environmental
Protection Agency**

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

12/9/2010

RALPH REEL
METALTEK INDUSTRIES, INC.
P.O. BOX 479
829 Pauline St.
SPRINGFIELD, OH 45501

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 0812100417
Permit Number: P0091513
Permit Type: Renewal
County: Clark

Certified Mail

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
No	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED
No	SYNTHETIC MINOR TO AVOID TITLE V
No	FEDERALLY ENFORCABLE PTIO (FEPTIO)

Dear Permit Holder:

Enclosed please find a final Air Pollution Permit-to-Install and Operate (PTIO) which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully. Please complete a survey at www.epa.ohio.gov/dapc/permitsurvey.aspx and give us feedback on your permitting experience. We value your opinion.

The issuance of this PTI is a final action of the Director and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00, made payable to "Ohio Treasurer Kevin Boyce," which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

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

If you have any questions, please contact Regional Air Pollution Control Agency at (937)225-4435 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. This permit can be accessed electronically on the DAPC Web page, www.epa.ohio.gov/dapc, by clicking the "Issued Air Pollution Control Permits" link.

Sincerely,

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

Cc: RAPCA



FINAL

**Division of Air Pollution Control
Permit-to-Install and Operate
for
METALTEK INDUSTRIES, INC.**

Facility ID: 0812100417
Permit Number: P0091513
Permit Type: Renewal
Issued: 12/9/2010
Effective: 12/9/2010
Expiration: 12/9/2020



Division of Air Pollution Control
Permit-to-Install and Operate
for
METALTEK INDUSTRIES, INC.

Table of Contents

Authorization 1
A. Standard Terms and Conditions 3
1. What does this permit-to-install and operate ("PTIO") allow me to do?..... 4
2. Who is responsible for complying with this permit? 4
3. What records must I keep under this permit? 4
4. What are my permit fees and when do I pay them?..... 4
5. When does my PTIO expire, and when do I need to submit my renewal application? 4
6. What happens to this permit if my project is delayed or I do not install or modify my source? 5
7. What reports must I submit under this permit? 5
8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit? 5
9. What are my obligations when I perform scheduled maintenance on air pollution control equipment? ... 5
10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report? 5
11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located? 6
12. What happens if one or more emissions units operated under this permit is/are shut down permanently? 6
13. Can I transfer this permit to a new owner or operator?..... 6
14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"? 6
15. What happens if a portion of this permit is determined to be invalid? 7
B. Facility-Wide Terms and Conditions..... 8
C. Emissions Unit Terms and Conditions 10
1. R001, Miscellaneous Metal Parts Paint Spray Booth..... 11
2. Emissions Unit Group - Burn-off ovens 5 & 7: N004, N007, 15

Authorization

Facility ID: 0812100417

Application Number(s): A0022896, A0040514, A0040492, A0022898, A0040493, A0022897, A0040488

Permit Number: P0091513

Permit Description: PTIO renewal for Miscellaneous Metal Parts Spray Booth and Burn-off Oven No. 3,
Emissions Unit N003

Permit Type: Renewal

Permit Fee: \$0.00

Issue Date: 12/9/2010

Effective Date: 12/9/2010

Expiration Date: 12/9/2020

Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

METALTEK INDUSTRIES, INC.
829 PAULINE ST.
SPRINGFIELD, OH 45503

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

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

Regional Air Pollution Control Agency
117 South Main Street
Dayton, OH 45422-1280
(937)225-4435

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the described emissions unit(s) will operate in compliance with applicable State and federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency



Chris Korleski
Director



Authorization (continued)

Permit Number: P0091513
Permit Description: PTIO renewal for Miscellaneous Metal Parts Spray Booth and Burn-off Oven No. 3, Emissions Unit N003

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

Emissions Unit ID: R001
Company Equipment ID: Miscellaneous Metal Parts Paint Spray Booth
Superseded Permit Number: P0091510
General Permit Category and Type: Not Applicable

Group Name: Burn-off ovens 5 & 7

Emissions Unit ID:	N004
Company Equipment ID:	Burn-off oven #5
Superseded Permit Number:	P0044376
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	N007
Company Equipment ID:	Burn-off oven #7
Superseded Permit Number:	P0091509
General Permit Category and Type:	Not Applicable

A. Standard Terms and Conditions

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

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

2. Who is responsible for complying with this permit?

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

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

3. What records must I keep under this permit?

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

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

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

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

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

- Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. Unless otherwise specified, facilities subject to one or more synthetic minor restrictions must use Ohio EPA's "Air Services" to submit annual emissions associated with this permit requirement. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

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

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

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

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

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

7. What reports must I submit under this permit?

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

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

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

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

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

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

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

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the Regional Air Pollution Control Agency in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed

permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

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

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

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

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

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

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting¹ a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emissions unit once the certification has been submitted to Ohio EPA by the authorized official.

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

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

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

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

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

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated

¹ Permittees that use Ohio EPA's "Air Services" can mark the affected emissions unit(s) as "permanently shutdown" in the facility profile along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update will constitute notifying of the permanent shutdown of the affected emissions unit(s).

under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

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

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

B. Facility-Wide Terms and Conditions

1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (1) None.
 - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (1) None.
2. The Ohio EPA has determined that this facility may be subject to the requirements of an area source MACT/GACT rule (National Emission Standards For Hazardous Air Pollutants (NESHAP) (40 CFR part 63, Subpart HHHHHH)) that the Ohio EPA does not have the delegated authority to implement. Although Ohio EPA has determined that an area source MACT (also known as the GACT) may apply, at this time Ohio EPA does not have the authority to enforce this standard. Instead, U.S. EPA has the authority to enforce this standard. Please be advised that all requirements associated with these rules are in effect and are enforceable by U.S. EPA. For more information on the area source rules, please refer to the follow U.S. EPA website: <http://www.epa.gov/ttn/atw/area/arearules.html>

C. Emissions Unit Terms and Conditions

1. R001, Miscellaneous Metal Parts Paint Spray Booth

Operations, Property and/or Equipment Description:

Miscellaneous Metal Parts Paint Booth that uses less than eight gallons per day

- a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - (1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - a. None.
 - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - a. None.
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	<p>The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 40 pounds per day and 7.30 tons per year (TPY), excluding cleanup.</p> <p>See b)(2)a.</p> <p>The VOC emissions from cleanup material use in this emissions unit shall not exceed 0.5 TPY.</p> <p>The requirements established according to this rule also includes compliance with OAC rule OAC rule 3745-21-09(2)(e)(i).</p>
b.	OAC rule 3745-21-09(U)(2)(e)(i)	The permittee shall not employ more than eight gallons of coating per day for the miscellaneous metal parts and products coating booth.

- (2) Additional Terms and Conditions
 - a. The daily VOC emissions limit was established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this short term emissions limitation. Based on the daily potential emissions rate, the potential to emit VOC emissions from this emissions unit, based on 365 days of operation per year, is 7.30 tons per year.
 - b. The permittee shall submit a new application and be issued a new permit if a new coating is to be used that would cause the emissions unit to exceed the permitted potential to emit established in this permit.
- c) Operational Restrictions
 - (1) None.
- d) Monitoring and/or Recordkeeping Requirements
 - (1) The permittee shall collect and record the following information each day for the coating line.
 - a. the name and identification of each coating employed;
 - b. the volume, in gallons, of each coating employed; and
 - c. the total volume, in gallons, of all of the coatings employed.
 - (2) The permittee shall collect and record the following information on a monthly basis for the coating and cleanup materials applied in this emissions unit:
 - a. the name and identification of each coating employed;
 - b. the volume, in gallons, of each coating applied;
 - c. the VOC content for each of the coatings applied, in pounds per gallon;
 - d. the total VOC emissions from all coatings applied, i.e., the sum of the products of d)(2)b times d)(2)c for each coating applied;
 - e. the name and identification of each thinner and cleanup material employed;
 - f. the VOC content of each thinner and cleanup material, in pounds per gallon;
 - g. the volume, in gallons, of each thinner and cleanup material employed;
 - h. the total VOC emission rate from all thinner and cleanup materials, i.e., the sum of the products of d)(2)f times d)(2)g for all cleanup materials employed; and
 - i. the total VOC emissions from all coatings, thinners and cleanup materials employed, in pounds or tons, the sum of d)(2)d and d)(2)h.

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

e) Reporting Requirements

- (1) The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing that the coating line employs more than eight gallons per day. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the exceedance occurs.
- (2) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.

The permittee shall identify in the annual PER the following information concerning the operations of the afterburner during the 12-month reporting period for these emissions units:

- a. the total VOC emissions from all coatings, thinners and cleanup materials employed, in pounds or tons.

f) Testing Requirements

- (1) Compliance with the emission limitations in b)(1) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation

The VOC emissions from this emissions unit shall not exceed 40 pounds per day.

Applicable Compliance Method

The hourly emissions limit is based on the maximum coating application of one gallon per hour multiplied by the maximum VOC content of 5.0 lbs of VOC per gallon of coating and multiplied by the maximum daily application rate of eight gallons per day.

If requested, the VOC content of the coatings applied in this emissions unit shall be determined according 40 CFR Part 60, Appendix A, Method 24.

b. Emission Limitation

The VOC emissions from the coatings employed in this emissions unit shall not exceed 7.30 TPY.

Applicable Compliance Method

The annual emissions limit is based on the maximum VOC content of the coatings applied in this emission unit multiplied by the maximum daily coatings usage rate of eight gallons multiplied by 365 days and divided by 2,000 pounds per ton.

c. Emission Limitation

The VOC emissions from cleanup material use in this emissions unit shall not exceed 0.5 TPY.

Applicable Compliance Method

Compliance with this emissions limitation shall be based on the record keeping requirements of d)(2).

g) Miscellaneous Requirements

(1) None.

2. Emissions Unit Group - Burn-off ovens 5 & 7: N004, N007,

EU ID	Operations, Property and/or Equipment Description
N004	Coating Burn-off Oven No. 5 with afterburner
N007	Coating Burn-off Oven No. 7 with afterburner

- a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
- (1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
- a. None.
- (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
- a. None.
- b) Applicable Emissions Limitations and/or Control Requirements
- (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	<p>The particulate emissions from each emissions unit shall not exceed 0.3 pound per hour and 1.32 tons per year (TPY).</p> <p>Visible particulate emissions from the stack(s) serving either of these emissions units shall not exceed 5 percent opacity as a six-minute average.</p> <p>The requirements established according to this rule also includes compliance with OAC rules 3745-17-07(A) and 3745-17-09(B).</p>
b.	OAC rule 3745-17-09(B)	The particulate emissions from these emissions units shall not exceed 0.10 pound per 100 pounds of salvageable material charged.
c.	OAC rule 3745-17-07(A)	The visible particulate emissions limitations established according to this

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		rule are less stringent than the visible emissions limitations established according to this rule.
d.	OAC rule 3745-17-09(C)	Incinerators, including all associated equipment and grounds, shall be designed, operated and maintained so as to prevent the emission of objectionable odors.

(2) Additional Terms and Conditions

- a. These emissions units are permitted at their potential to emit, as defined in OAC rule 3745-31-01, for particulate emissions.
- b. All of the exhaust from the primary combustion chamber of the emissions units listed above shall be vented to an afterburner that meets the operational, monitoring, and record keeping requirements of this permit, when the emissions units are in operation.

c) Operational Restrictions

- (1) The emissions unit shall be operated, and maintained in accordance with the manufacturer's specifications. The permittee shall not change any of the manufacturer's factory preset parameters for the burn-off oven, or physically modify the burn-off oven in any way, without first verifying with the manufacturer that the change(s) would not adversely affect air contaminant emissions from the unit.
- (2) The permittee shall adhere to the manufacturer's recommendations pertaining to the operation of this burn-off oven and shall comply with the following operational restrictions:
 - a. the permittee shall ensure that the burn-off oven is operated only by properly trained personnel who have read, and understand, the burn-off oven's operational manual; and
 - b. the permittee shall remove ash left inside the burn-off oven, on an as needed basis, but not less than once per week.
 - c. the emissions unit shall only be used for the purpose of removing non-hazardous material (such as paint, oil, plastic, grease, etc) from reusable metal parts.

d) Monitoring and/or Recordkeeping Requirements

- (1) Hourly and annual particulate emissions record keeping is not required for these emissions units because they are permitted at their potential to emit.
- (2) The afterburner for these emissions units shall be designed and operated so that the exit gas temperature from the afterburner is, at a minimum, 1,250 degrees Fahrenheit, taking

into account normal start-up procedures and periods when oven doors are opened to add or remove products.

- (3) The permittee shall properly install, operate, and maintain continuous temperature monitors and recorder(s) that measure and record the combustion temperature within the afterburner when the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s), with any modifications deemed necessary by the permittee.
- (4) Whenever the monitored afterburner temperature deviates from the limit established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:
 - a. the date and time the deviation began;
 - b. the magnitude of the deviation at that time;
 - c. the date the investigation was conducted;
 - d. the name(s) of the personnel who conducted the investigation; and
 - e. the findings and recommendations
- (5) In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the afterburner chamber within the acceptable range/limit specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:
 - a. a description of the corrective action;
 - b. the date corrective action was completed;
 - c. the date and time the deviation ended;
 - d. the total period of time (in minutes) during which there was a deviation;
 - e. the temperature readings immediately after the corrective action was implemented; and
 - f. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

The temperature limit is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted

temperature limit based upon information obtained during a performance test that demonstrates compliance with the allowable emissions rate for the controlled pollutant(s). In addition, approved revisions to the temperature limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of an administrative modification.

- (6) The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving these emissions units. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
- a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item d)(6)d. above or continue the daily check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

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

e) Reporting Requirements

- (1) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.

The permittee shall identify in the annual PER the following information concerning the operations of the afterburner during the 12-month reporting period for these emissions units:

- a. each period of time (start time and date, and end time and date) when these emissions units were in operation and the afterburner temperature was less than 1,250 degrees Fahrenheit;
- b. each incident of deviation described in e)(2)a. where a prompt investigation was not conducted;
- c. each incident of deviation described in e)(2)a. where prompt corrective action, that would bring the emissions unit into compliance and/or the afterburner/secondary combustion chamber combustion temperature into compliance with the acceptable range, was determined to be necessary and was not taken; and
- d. each incident of deviation described in e)(2)a. where proper records were not maintained for the deviation or investigation and/or the corrective action(s), as identified in the monitoring and record keeping requirements of this permit.
- e. all days during which any visible particulate emissions were observed from the stack serving these emissions units; and
- f. any corrective actions taken to minimize or eliminate the visible particulate emissions.
- g. any day when these emissions units were in operation and proper records were not maintained as described in d)(2) through d)(6).

f) Testing Requirements

(1) Compliance with the emission limitations in b)(1) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation

PE shall not exceed 0.10 lb per 100 lbs of salvageable material charged.

Applicable Compliance Method

If requested, the permittee shall demonstrate compliance by emission testing in accordance with the procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 5 and OAC rule 3745-17-03(B)(10).

b. Emission Limitation

The PE from this emissions unit shall not exceed 0.30 pound per hour.

Applicable Compliance Method

The hourly emissions limit is based on 0.10 lb particulate /100 pounds material charged times the maximum hourly process rate of 300 pounds material charged/hour.

c. Emission Limitation

The PE from this emissions unit shall not exceed 1.32 TPY.

Applicable Compliance Method

The annual emissions limit is based on the allowable hourly emission limit [(0.10 lb PE/100 pounds material charged) x (300 pounds material charged/hour) = 0.30 pound/hour] multiplied by the maximum possible operating hours, 8,760 hr/yr divided by 2,000 lbs/ton. Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

d. Emission Limitation

Visible particulate emissions from the stack(s) serving either of these emissions units shall not exceed 5 percent opacity as a six-minute average.

Applicable Compliance Method

If requested, compliance shall be determined through visible emission observations performed in accordance with U.S. EPA Method 9 and OAC rule 3745-17-03(B)(1).

g) Miscellaneous Requirements

- (1) None.