Ohio Environmental Protection Agency

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

Certified Mail

5/21/2010

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT
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)

JOE LOVE
AMERIWOOD INDUSTRIES, OEM DIVISION
458 SECOND AVENUE
TIFFIN, OH 44883

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0374020106
Permit Number: P0105582
Permit Type: Renewal
County: Seneca

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 Ohio EPA DAPC, Northwest District Office at (419)352-8461 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: Ohio EPA-NWDO

Ohio | Environmental Protection Agency

FINAL

Division of Air Pollution Control
Permit-to-Install and Operate
for
AMERIWOOD INDUSTRIES, OEM DIVISION

Facility ID: 0374020106
Permit Number: P0105582
Permit Type: Renewal
Issued: 5/21/2010
Effective: 5/21/2010
Expiration: 12/29/2019

Ohio Environmental Protection Agency

Division of Air Pollution Control
Permit-to-Install and Operate
for
AMERIWOOD INDUSTRIES, OEM DIVISION

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Authorization

Facility ID: 0374020106
Application Number(s): A0038501, A0038640
Permit Number: P0105582
Permit Description: Administrative modification to P015, P016, P017, and P018
Permit Type: Renewal
Permit Fee: $0.00
Issue Date: 5/21/2010
Effective Date: 5/21/2010
Expiration Date: 12/29/2019
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

AMERIWOOD INDUSTRIES, OEM DIVISION
458 SECOND AVENUE
Tiffin, OH 44883

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

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

Ohio EPA DAPC, Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402
(419)352-8461

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: P0105582
Permit Description: Administrative modification to P015, P016, P017, and P018

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

Emissions Unit ID:	**P015**
Company Equipment ID:	Donaldson Sawdust Collection/Handling
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**P016**
Company Equipment ID:	Carter Sawdust Collection/Handling
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**P017**
Company Equipment ID:	Torit Sawdust Collection/Handling
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**P018**
Company Equipment ID:	Seneca Sawdust Collection/Handling
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**P901**
Company Equipment ID:	P901
Superseded Permit Number:	
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 Ohio EPA DAPC, Northwest District Office in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

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

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

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

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

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

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting[1] 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.

[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).

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 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.

C. Emissions Unit Terms and Conditions

1. P015, Sawdust Collection/Handling System

Operations, Property and/or Equipment Description:

Donaldson #1 Sawdust Collection/Handling System

PTIO #P0105582 is an administrative modification to PTI #03-10569, issued 7/9/1997, to update the sawdust collection/handling systems and to establish the fugitive emissions from the sawdust load out operation.

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)(a)	0.87 pound particulate matter less than or equal to 10 microns (PM_{10})/hour and 3.81 tons PM_{10}/year Opacity restriction [See b)(2)a.] See b)(2)b.
b.	OAC rule 3745-17-11(B)	See b)(2)c.
c.	OAC rule 3745-17-07(A)	See b)(2)d.

(2) Additional Terms and Conditions

a. This emissions unit is subject to one of the following opacity restrictions, at all times:

i. Visible emissions from the dust collector stack shall not exceed 0% opacity, as a six-minute average when the dust collector is vented outside.

OR

ii. There shall be no visible fugitive emissions from the building enclosing this emissions unit when the dust collector is vented inside the building.

b. Best available technology (BAT) for this emissions unit has been determined to be a sawdust collection/handling system equipped with a fabric filter capable of achieving a 99.8% reduction of PM_{10}. All emissions of particulate matter from the dust collector stack are PM_{10}.

c. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3)(a).

d. The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3)(a).

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow for visible particulate emissions, as indicated below:

a. if the dust collector is vented outside the building, any visible emissions from the dust collector stack; OR

b. if the dust collector is vented inside the building, any visible fugitive emissions from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit.

The following shall be noted in an operations log:

a. whether the dust collector was vented inside or outside the building;

b. the presence or absence of visible particulate emissions; and

c. if visible emissions are observed, the permittee shall also note the following:

i. the color of the emissions;

ii. the total duration of any visible emission incident; and

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

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 the following information in the annual permit evaluation report in accordance with the monitoring requirements for visible emissions in term number d)(1) above:

a. all days during which any visible particulate emissions were observed; and

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

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 Limitations:

0.87 pound PM_{10}/hour and 3.81 tons PM_{10}/year

Applicable Compliance Method:

The hourly emission limitation was established by multiplying the potential uncontrolled sawdust throughput rate of 435 pounds/hour by a control efficiency of 99.8% from the dust collector.

If required, compliance with the hourly limitation shall be determined in accordance with the test methods and procedures specified in 40 CFR Part 60, Methods 1-4 and 40 CFR Part 51, Appendix M, Methods 201/201A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA, Northwest District Office.

The annual emission limitation was established by multiplying the hourly emission limitation by 8,760 hour/year and then dividing by 2,000 pounds/ton. Therefore, provided compliance is demonstrated with the hourly limitation, it shall be a rebuttable presumption that compliance with the annual limitation has been attained.

b. Emission Limitation:

Visible emissions from the dust collector stack shall not exceed 0% opacity, as a six-minute average when the dust collector is vented outside.

Applicable Compliance Method:

If required, compliance with the visible PE limitation shall be determined though visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A.

c. Emission Limitation:

There shall be no visible fugitive emissions from the building enclosing this emissions unit when the dust collector is vented inside the building.

Applicable Compliance Method:

If required, compliance with the visible PE limitation shall be determined though visible emission observations performed in accordance with Method 22 of 40 CFR Part 60, Appendix A.

g) Miscellaneous Requirements

(1) None.

2. P016, Sawdust Collection/Handling System

Operations, Property and/or Equipment Description:

Carter Day #4 Sawdust Collection/Handling System

PTIO #P0105582 is an administrative modification to PTI #03-10569, issued 7/9/1997, to update the sawdust collection/handling systems and to establish the fugitive emissions from the sawdust load out operation.

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)(a)	Opacity restriction [See b)(2)a.] <u>Combined limits for P116 and P901</u>: 0.86 pound particulate matter less than or equal to 10 microns (PM_{10})/hour and 3.77 tons PM_{10}/year See b)(2)b.
b.	OAC rule 3745-17-11(B)	See b)(2)c.
c.	OAC rule 3745-17-07(A)	See b)(2)d.

(2) Additional Terms and Conditions

a. This emissions unit is subject to one of the following opacity restrictions, at all times:

i. Visible emissions from the dust collector stack shall not exceed 0% opacity, as a six-minute average when the dust collector is vented outside.

OR

ii. There shall be no visible fugitive emissions from the building enclosing this emissions unit when the dust collector is vented inside the building.

b. Best available technology (BAT) for this emissions unit has been determined to be a sawdust collection/handling system equipped with a fabric filter capable of achieving a 99.8% reduction of PM_{10}. All emissions of particulate matter from the dust collector stack are PM_{10}.

c. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3)(a).

d. The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3)(a).

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow for visible particulate emissions, as indicated below:

a. if the dust collector is vented outside the building, any visible emissions from the dust collector stack; OR

b. if the dust collector is vented inside the building, any visible fugitive emissions from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit.

The following shall be noted in an operations log:

a. whether the dust collector was vented inside or outside the building;

b. the presence or absence of visible particulate emissions; and

c. if visible emissions are observed, the permittee shall also note the following:

i. the color of the emissions;

ii. the total duration of any visible emission incident; and

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

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 the following information in the annual permit evaluation report in accordance with the monitoring requirements for visible emissions in term number d)(1) above:

a. all days during which any visible particulate emissions were observed; and

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

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 Limitations: combined emission limits for P016 and P901

0.86 pound PM_{10}/hour and 3.77 tons PM_{10}/year

Applicable Compliance Method:

The hourly emission limitation was established by multiplying the potential uncontrolled sawdust throughput rate of 428 pounds/hour by a control efficiency of 99.8% from the dust collector.

If required, compliance with the hourly limitation shall be determined in accordance with the test methods and procedures specified in 40 CFR Part 60, Methods 1-4 and 40 CFR Part 51, Appendix M, Methods 201/201A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA, Northwest District Office.

The annual emission limitation was established by multiplying the hourly emission limitation by 8,760 hour/year and then dividing by 2,000 pounds/ton. Therefore, provided compliance is demonstrated with the hourly limitation, it shall be a rebuttable presumption that compliance with the annual limitation has been attained.

b. Emission Limitation:

Visible emissions from the dust collector stack shall not exceed 0% opacity, as a six-minute average when the dust collector is vented outside.

Applicable Compliance Method:

If required, compliance with the visible PE limitation shall be determined though visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A.

c. Emission Limitation:

There shall be no visible fugitive emissions from the building enclosing this emissions unit when the dust collector is vented inside the building.

Applicable Compliance Method:

If required, compliance with the visible PE limitation shall be determined though visible emission observations performed in accordance with Method 22 of 40 CFR Part 60, Appendix A.

g) Miscellaneous Requirements

(1) None.

3. P017, Sawdust Collection/Handling System

Operations, Property and/or Equipment Description:

Torit #2 Sawdust Collection/Handling System

PTIO #P0105582 is an administrative modification to PTI #03-10569, issued 7/9/1997, to update the sawdust collection/handling systems and to establish the fugitive emissions from the sawdust load out operation.

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)(a)	0.87 pound particulate matter less than or equal to 10 microns (PM_{10})/hour and 3.81 tons PM_{10}/year Opacity restriction [See b)(2)a.] See b)(2)b.
b.	OAC rule 3745-17-11(B)	See b)(2)c.
c.	OAC rule 3745-17-07(A)	See b)(2)d.

(2) Additional Terms and Conditions

a. This emissions unit is subject to one of the following opacity restrictions, at all times:

i. Visible emissions from the dust collector stack shall not exceed 0% opacity, as a six-minute average when the dust collector is vented outside.

OR

ii. There shall be no visible fugitive emissions from the building enclosing this emissions unit when the dust collector is vented inside the building.

b. Best available technology (BAT) for this emissions unit has been determined to be a sawdust collection/handling system equipped with a fabric filter capable of achieving a 99.8% reduction of PM_{10}. All emissions of particulate matter from the dust collector stack are PM_{10}.

c. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3)(a).

d. The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3)(a).

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow for visible particulate emissions, as indicated below:

a. if the dust collector is vented outside the building, any visible emissions from the dust collector stack; OR

b. if the dust collector is vented inside the building, any visible fugitive emissions from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit.

The following shall be noted in an operations log:

a. whether the dust collector was vented inside or outside the building;

b. the presence or absence of visible particulate emissions; and

c. if visible emissions are observed, the permittee shall also note the following:

i. the color of the emissions;

ii. the total duration of any visible emission incident; and

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

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 the following information in the annual permit evaluation report in accordance with the monitoring requirements for visible emissions in term number d)(1) above:

a. all days during which any visible particulate emissions were observed; and

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

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 Limitations:

0.87 pound PM_{10}/hour and 3.81 tons PM_{10}/year

Applicable Compliance Method:

The hourly emission limitation was established by multiplying the potential uncontrolled sawdust throughput rate of 435 pounds/hour by a control efficiency of 99.8% from the dust collector.

If required, compliance with the hourly limitation shall be determined in accordance with the test methods and procedures specified in 40 CFR Part 60, Methods 1-4 and 40 CFR Part 51, Appendix M, Methods 201/201A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA, Northwest District Office.

The annual emission limitation was established by multiplying the hourly emission limitation by 8,760 hour/year and then dividing by 2,000 pounds/ton. Therefore, provided compliance is demonstrated with the hourly limitation, it shall be a rebuttable presumption that compliance with the annual limitation has been attained.

b. Emission Limitation:

Visible emissions from the dust collector stack shall not exceed 0% opacity, as a six-minute average when the dust collector is vented outside.

Applicable Compliance Method:

If required, compliance with the visible PE limitation shall be determined though visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A.

c. Emission Limitation:

There shall be no visible fugitive emissions from the building enclosing this emissions unit when the dust collector is vented inside the building.

Applicable Compliance Method:

If required, compliance with the visible PE limitation shall be determined though visible emission observations performed in accordance with Method 22 of 40 CFR Part 60, Appendix A.

g) Miscellaneous Requirements

(1) None.

4. P018, Sawdust Collection/Handling System

Operations, Property and/or Equipment Description:

Seneca #5 Sawdust Collection/Handling System

PTIO #P0105582 is an administrative modification to PTI #03-10569, issued 7/9/1997, to update the sawdust collection/handling systems and to establish the fugitive emissions from the sawdust load out operation.

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)(a)	0.66 pound particulate matter less than or equal to 10 microns (PM_{10})/hour and 2.89 tons PM_{10}/year Opacity restriction [See b)(2)a.] See b)(2)b.
b.	OAC rule 3745-17-11(B)	See b)(2)c.
c.	OAC rule 3745-17-07(A)	See b)(2)d.

(2) Additional Terms and Conditions

a. This emissions unit is subject to one of the following opacity restrictions, at all times:

i. Visible emissions from the dust collector stack shall not exceed 0% opacity, as a six-minute average when the dust collector is vented outside.

OR

ii. There shall be no visible fugitive emissions from the building enclosing this emissions unit when the dust collector is vented inside the building.

b. Best available technology (BAT) for this emissions unit has been determined to be a sawdust collection/handling system equipped with a fabric filter capable of achieving a 99.8% reduction of PM_{10}. All emissions of particulate matter from the dust collector stack are PM_{10}.

c. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3)(a).

d. The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3)(a).

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow for visible particulate emissions, as indicated below:

a. if the dust collector is vented outside the building, any visible emissions from the dust collector stack; OR

b. if the dust collector is vented inside the building, any visible fugitive emissions from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit.

The following shall be noted in an operations log:

a. whether the dust collector was vented inside or outside the building;

b. the presence or absence of visible particulate emissions; and

c. if visible emissions are observed, the permittee shall also note the following:

i. the color of the emissions;

ii. the total duration of any visible emission incident; and

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

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 the following information in the annual permit evaluation report in accordance with the monitoring requirements for visible emissions in term number d)(1) above:

a. all days during which any visible particulate emissions were observed; and

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

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 Limitations:

0.66 pound PM_{10}/hour and 2.89 tons PM_{10}/year

Applicable Compliance Method:

The hourly emission limitation was established by multiplying the potential uncontrolled sawdust throughput rate of 332 pounds/hour by a control efficiency of 99.8% from the dust collector.

If required, compliance with the hourly limitation shall be determined in accordance with the test methods and procedures specified in 40 CFR Part 60, Methods 1-4 and 40 CFR Part 51, Appendix M, Methods 201/201A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA, Northwest District Office.

The annual emission limitation was established by multiplying the hourly emission limitation by 8,760 hour/year and then dividing by 2,000 pounds/ton. Therefore, provided compliance is demonstrated with the hourly limitation, it shall be a rebuttable presumption that compliance with the annual limitation has been attained.

b. Emission Limitation:

Visible emissions from the dust collector stack shall not exceed 0% opacity, as a six-minute average when the dust collector is vented outside.

Applicable Compliance Method:

If required, compliance with the visible PE limitation shall be determined though visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A.

c. Emission Limitation:

There shall be no visible fugitive emissions from the building enclosing this emissions unit when the dust collector is vented inside the building.

Applicable Compliance Method:

If required, compliance with the visible PE limitation shall be determined though visible emission observations performed in accordance with Method 22 of 40 CFR Part 60, Appendix A.

g) Miscellaneous Requirements

(1) None.

5. P901, Sawdust load out operation

Operations, Property and/or Equipment Description:

Enclosed sawdust load out operation with sawdust collection/handling system (P016)

PTIO #P0105582 is an administrative modification to PTI #03-10569, issued 7/9/1997, to update the sawdust collection/handling systems and to establish the fugitive emissions from the sawdust load out operation.

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)(a)	Opacity restrictions [See b)(2)a.] <u>Combined limits for P116 and P901</u>: 0.86 pound particulate matter less than or equal to 10 microns (PM_{10})/hour and 3.77 tons PM_{10}/year 0.19 ton fugitive particulate emissions (PE)/year See b)(2)b.
b.	OAC rule 3745-17-11(B)	See b)(2)c.
c.	OAC rule 3745-17-07(A)	See b)(2)d.
d.	OAC rule 3745-17-08(B)	This emissions unit is not located within an “Appendix A” area as identified in OAC rule 3745-17-08. Therefore, pursuant to

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		OAC rule 3745-07-08(A), the emissions unit is exempt from the requirements of OAC rule 3745-07-08.
e.	OAC rule 3745-17-07(B)	Pursuant to OAC rule 3745-17-07(B)(11)(e), OAC rule 3745-17-07(B)(1) does not apply because OAC rule 3745-17-08 is not applicable.

(2) Additional Terms and Conditions

a. This emissions unit is subject to the following opacity restrictions:

i. Visible emissions from the dust collector stack associated with this emissions unit shall not exceed 0% opacity, as a six-minute average when the dust collector is vented outside.

OR

ii. There shall be no visible fugitive emissions from the building associated with emissions unit P016 when the dust collector is vented inside the building.

AND

iii. Visible fugitive emission shall not exceed 5% opacity, as a six-minute average from the building enclosure associated with the sawdust load out operation.

b. Best available technology (BAT) for this emissions unit has been determined to be the use of a building enclosure vented to a sawdust collection/handling system equipped with a fabric filter capable of achieving a 99.8% reduction of PM_{10}. All emissions of particulate matter from the dust collector stack are PM_{10}.

c. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3)(a).

d. The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3)(a).

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow for visible particulate emissions, as indicated below:

a. if the dust collector is vented outside the building, any visible emissions from the dust collector stack, OR

b. if the dust collector is vented inside the building, any visible fugitive emissions from the egress points (i.e., building windows, doors, roof monitors, etc.) associated with the dust collector.

The following shall be noted in an operations log:

a. whether the dust collector was vented inside or outside the building;

b. the presence or absence of visible particulate emissions; and

c. if visible emissions are observed, the permittee shall also note the following:

i. the color of the emissions;

ii. the total duration of any visible emission incident; and

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

*Based on the current configuration of this emissions unit, this monitoring and recordkeeping requirement will be met by monitoring and recordkeeping requirement d)(1) for emissions unit P016.

(2) The permittee shall perform weekly checks when the emissions unit is in operation and when the weather conditions allow for visible fugitive emissions from the egress points (i.e., building windows, doors, roof monitors, etc.) serving the sawdust load out operation. The presence or absence of any visible fugitive emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following:

a. the color of the emissions;

b. the total duration of any visible emission incident; and

c. any corrective actions taken to minimize or eliminate the visible fugitive emissions.

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.

(2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements for visible emissions in term number d)(1) above:

a. all days during which any visible particulate emissions associated with the dust collector were observed; and

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

*Based on the current configuration of this emissions unit, this reporting requirement will be met by reporting requirement e)(1) for emissions unit P016.

(3) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements for visible emissions in term number d)(2) above:

a. all days during which any visible fugitive emissions were observed from the sawdust load out operation; and

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

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 Limitations: combined limits for P016 and P901

0.86 pound PM_{10}/hour and 3.77 tons PM_{10}/year

Applicable Compliance Method:

The hourly emission limitation was established by multiplying the potential uncontrolled sawdust throughput rate of 428 pounds/hour by a control efficiency of 99.8% from the dust collector.

If required, compliance with the hourly limitation shall be determined in accordance with the test methods and procedures specified in 40 CFR Part 60, Methods 1-4 and 40 CFR Part 51, Appendix M, Methods 201/201A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA, Northwest District Office.

The annual emission limitation was established by multiplying the hourly emission limitation by 8,760 hour/year and then dividing by 2,000 pounds/ton. Therefore, provided compliance is demonstrated with the hourly limitation, it shall be a rebuttable presumption that compliance with the annual limitation has been attained.

b. Emission Limitation:

0.19 ton fugitive PE/year

Applicable Compliance Method:

Compliance with the fugitive PE emission limitation shall be determined by multiplying an emission factor of 0.086 pound PE/ton sawdust loaded by the maximum sawdust production rate of 43,800 tons/year, dividing by 2,000 pounds/ton, and applying a 99% control efficiency for the use of a building enclosure vented to a sawdust collection/handling system.

An emission factor for sawdust loading operations is not available; therefore, emissions were based on an emission factor from Section 9.9.1, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 5/03) for a comparable loading operation at a grain elevator.

c. Emission Limitation:

Visible emissions from the dust collector stack associated with this emissions unit shall not exceed 0% opacity, as a six-minute average when the dust collector is vented outside.

Applicable Compliance Method:

If required, compliance with the visible PE limitation shall be determined though visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A.

d. Emission Limitation:

There shall be no visible fugitive emissions from the building associated with emissions unit P016 when the dust collector is vented inside the building.

Applicable Compliance Method:

If required, compliance with the visible PE limitation shall be determined though visible emission observations performed in accordance with Method 22 of 40 CFR Part 60, Appendix A.

e. Emission Limitation:

Visible fugitive emission shall not exceed 5% opacity, as a six-minute average from the building enclosure associated with the sawdust load out operation.

Applicable Compliance Method:

If required, compliance with the visible PE limitation shall be determined though visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A.

g) Miscellaneous Requirements

(1) None.