



State of Ohio Environmental Protection Agency

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P.O. Box 1049
Columbus, OH 43216-1049

CERTIFIED MAIL

**RE: FINAL PERMIT TO INSTALL
PORTAGE COUNTY
Application No: 16-02484
Fac ID: 1667050045**

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

DATE: 5/3/2007

Eagle Creek Growers
John Bonner
10151 Asbury Rd
Mantua, OH 44255

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action of the Director is final 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 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

Sincerely,

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

CC: USEPA

ARAQMD



Permit To Install
Terms and Conditions

Issue Date: 5/3/2007
Effective Date: 5/3/2007

FINAL PERMIT TO INSTALL 16-02484

Application Number: 16-02484
Facility ID: 1667050045
Permit Fee: **\$400**
Name of Facility: Eagle Creek Growers
Person to Contact: John Bonner
Address: 10151 Asbury Rd
Mantua, OH 44255

Location of proposed air contaminant source(s) [emissions unit(s)]:
10151 Asbury Rd
Mantua, Ohio

Description of proposed emissions unit(s):
Tire Derived Fuel for B001. Replaces PTI 16-02460 Issued Final 8/29/06.

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) 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 above described emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski
Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

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

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

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

3. Records Retention Requirements

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

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and

regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

6. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

7. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

9. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions

may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

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

10. Public Disclosure

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

11. Applicability

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

12. Best Available Technology

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

13. Source Operation and Operating Permit Requirements After Completion of Construction

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this

permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

14. Construction Compliance Certification

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

15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

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

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

<u>Pollutant</u>	<u>Tons Per Year</u>
PE	13
PM ₁₀	8.9
VOC	0.99
SO ₂	0.82
NO _x	16
CO	20

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

A. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment - (B001) - Wood Waste Boiler Hurst Boiler & Welding Co. boiler design: 10.04 million Btu per hour rated input capacity; and 10,350 pounds of steam per hour, 300 horsepower & 30 psig hot water pressure rated output capacities. Allowed under PTI 16-02460 to burn wood and corn. Modified under PTI 16-02484 to also burn a mixture of wood and tire derived fuel (TDF). Emissions of 10-micrometer particulate matter (PM₁₀) and particulate emissions (PE) controlled by a multiclone (mechanical collector). All other emissions, including nitrogen oxides (NO_x), carbon monoxide (CO), sulfur dioxide (SO₂), volatile organic compounds (VOC), and hazardous air pollutants (HAPs), uncontrolled.

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	<p>Stack emissions shall not exceed the following limits* (tons/year limits based on 6570 hours/year operating schedule):</p> <p>0.27 lb PM₁₀/mmBtu heat input; 8.9 tons/year PM₁₀; 13 tons/year PE; 0.030 lb VOC/mmBtu heat input; 0.99 ton/year VOC; 0.025 lb SO₂/mmBtu heat input; 0.82 ton/year SO₂; 0.49 lb NO_x/mmBtu heat input; 16 tons/year NO_x; 0.60 lb CO/mmBtu heat input; and 20 tons/year CO.</p> <p>*See A.2.d below.</p> <p>The fuel burned in this emissions unit shall be properly stored and handled to minimize emissions of fugitive dust.</p> <p>The requirements of OAC rule 3745-31-05(A)(3) also include compliance with the requirements of OAC rule 3745-17-07(A), OAC rule 3745-17-10(C)(1), and OAC rule 3745-21-08.</p>
OAC rule 3745-17-07(A)	Visible PE from the stack shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-17-07(B)(11) OAC rule 3745-17-08(A)(1)	This facility is not located in an "Appendix A" area as described in OAC rule 3745-17-08; therefore, OAC rules 3745-17-07(B)(1) and 3745-17-08(B) do not apply to this emissions unit.
OAC rule 3745-17-10(C)(1)	PE shall not exceed 0.4 lb/mmBtu heat input (based on "Curve P-1" of "Figure I").
OAC rule 3745-21-08	See A.2.b below.
OAC rule 3745-18-83(A)(1) OAC rule 3745-23-06(B)	The emissions limitations specified by these rules are less stringent than the emissions limitations established pursuant to OAC rule 3745-31-05 (A)(3).

2. Additional Terms and Conditions

- 2.a** The permittee shall apply for and, if required, obtain a final permit to install prior to equipment replacement or any proposed modification of equipment, operating procedures, or type of fuel burned, or any other change that would increase the potential emissions of any air pollutant.
- 2.b** The permittee satisfies the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08 by complying with the best available technology requirements of OAC rule 3745-31-05(A)(3).

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

- 2.c** The permittee shall properly install (or have properly installed), adjust, operate, and maintain a multiclone (or comparable air pollution control device), associated control equipment, and any other equipment necessary to capture, contain, and vent particulate emissions to the air pollution control device serving this emissions unit, in accordance with the manufacturer's recommendations, instructions, and operating manuals, and to the extent possible with good engineering design.
- 2.d** The permittee shall conduct emissions testing, in accordance with the testing requirements of Section E.2 below, to establish site-specific potential emissions from this emissions unit. If necessary, some or all of the emissions limits established pursuant to OAC rule 3745-31-05(A)(3) of this permit shall be modified during the issuance of subsequent air permits to represent the potential emissions from the emissions unit.

If results from the emissions testing indicate the emissions unit is a major source of any applicable air pollutant, the facility may need to apply for voluntary operational restrictions to limit potential emissions below major source emissions thresholds in order to avoid major new source review and/or Title V program requirements.

To help determine if Ohio's "Air Toxic Policy" is satisfied, additional emissions testing using appropriate US EPA test methods may be required by Ohio EPA to quantify emissions of select individual toxic pollutants (e.g., benzene), likely to be emitted in excess of 1.0 tons per year, for use in air dispersion computer modeling.

B. Operational Restrictions

1. The permittee shall operate the emissions unit no more than 6570 hours per calendar year. This operating hours restriction was requested by the facility to limit annual stack emissions below all "OHIO MODELING SIGNIFICANT EMISSION RATE" thresholds to avoid air dispersion computer modeling requirements.
2. The permittee shall burn only wood and corn in this emissions unit, as specified in the application, i.e., Wood: 1-1/2 x 1-1/2 x 5/8 inches or less in size @ 20% maximum moisture content, 5422 Btu/lb minimum heat content, and 0.43% maximum ash content; and Corn: @ 15% maximum moisture content, 7000 Btu/lb minimum heat content, and 5% maximum ash content. Wood, as specified above, shall be burned in this emissions unit as the primary fuel; and corn, as specified above, shall be burned in this emissions unit as a backup fuel. The wood and corn burned in this emissions unit shall be dry and clean, free from foreign matter contamination, such as oils, solvents, plastic, etc. For example, shredded wooden pallets shall not contain any plastic shrink wrappings or leakage/spillage of stored materials. The permittee shall not burn wood or wood waste derived from any operation which coats, treats, or otherwise contaminates the wood or wood waste. Trees, cut and chipped to size, may be burned, provided this wood material is sufficiently dry, contains only inherent quantities of bark, and meets the wood criteria specified above. Bark, exclusively, shall not be burned in this emissions unit.
3. A mixture of wood, as specified above in B.2, and TDF may be burned in this emissions unit as a backup fuel. The maximum percentage of TDF in the wood/TDF mixture, as well as the maximum rate at which the wood/TDF mixture can be burned, shall be established and used during the most recent emissions testing that demonstrated the emissions unit was in compliance with applicable emissions limitations. TDF burned in the emissions unit shall be shredded to size, with dimensions of tire pieces typically no greater than 2 x 2 inches. TDF burned in the emissions unit shall have a 15,000 Btu/lb minimum heat content, 1.2% maximum sulfur content, and 5% maximum ash content. TDF shall never be burned solely and never with any other material, except as specified above.
4. No materials shall be burned in this emissions unit, except as specified above in B.2 and B.3. Under no circumstances shall this emissions unit be used as an incinerator, as defined by OAC rule 3745-17-01(B)(9).

5. The permittee shall employ the multiclone and associated air pollution control equipment serving this emissions unit at all times the emissions unit is in operation. Ohio EPA may require the permittee to upgrade to a more efficient PE control technology if the multiclone does not demonstrate compliance with applicable emissions limits of this permit.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain daily records of the operating hours of this emissions unit, and use these records to determine the annual operating hours.
2. The permittee shall maintain daily records which identify each day when a fuel that does not meet the requirements of section B.2 and/or B.3 of these terms and conditions was burned in this emissions unit.
3. The permittee shall document when the multiclone and/or associated air pollution control equipment serving this emissions unit were/was not in service when the emissions unit was in operation.

D. Reporting Requirements

1. The permittee shall submit annual reports which identify any exceedances of the annual operating hours limitation, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.
2. The permittee shall submit deviation (excursion) reports which identify each day when a fuel that does not meet the requirements of section B.2 and/or B.3 of these terms and conditions was burned in this emissions unit. These reports are due by the dates described in Part 1 - General Terms and Conditions of this permit under section (A)(1).
3. The permittee shall notify the Director (the appropriate District Office or local air agency) in writing of any record in which the multiclone and/or associated air pollution control equipment serving this emissions unit were/was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the appropriate District Office or local air agency) within 30 days after the event occurs.

E. Testing Requirements

1. Compliance with the emission limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods using applicable emission factors, as noted:
 - a. Emission Limitations: 0.27 lb PM₁₀/mmBtu heat input & 8.9 tons/year PM₁₀ (stack emissions)

Applicable Compliance Method: The 0.27 lb PM₁₀/mmBtu heat input emission limitation is the potential to emit based on AP-42, 9/03, Table 1.6-1, dry wood burned, controlled by mechanical collector (multiclone):

$$Y = (0.27 \text{ lb PM}_{10}/\text{mmBtu}) * P * T * (1 \text{ ton}/2000 \text{ lbs});$$

Where:

Y = 8.9 tons/year PM₁₀ [yearly emissions based on 6570 hours/year operating schedule];

P = 10 mmBtu/hr [maximum rated heat input of emissions unit]; and

T = 6570 hours/year [facility-requested restricted operating schedule].

If required, the permittee shall demonstrate compliance based on the results of emission testing conducted in accordance with 40 CFR Part 51, Appendix M, Method 201/201A.

When burning a mixture of wood and TDF, as specified above, compliance shall be demonstrated per the emissions testing requirements specified below in Section E.2.

- b. Emission Limitations: 0.4 lb PE/mmBtu heat input & 13 tons/year PE (stack emissions)

Applicable Compliance Method: The 13 tons/year PE emission limitation is based on the OAC rule 3745-17-10(C)(1) allowable emission rate of 0.4 lb PE/mmBtu heat input:

$$Y = (0.4 \text{ lb PE}/\text{mmBtu}) * P * T * (1 \text{ ton}/2000 \text{ lbs});$$

Where:

Y = 13 tons/year PE [yearly emissions based on 6570 hours/year operating schedule];

P = 10 mmBtu/hr [maximum rated heat input of emissions unit]; and

T = 6570 hours/year [facility-requested restricted operating schedule].

If required, the permittee shall demonstrate compliance based on the results of emission testing conducted in accordance with 40 CFR Part 60, Appendix A, Methods 1 - 5.

When burning a mixture of wood and TDF, as specified above, compliance shall be demonstrated per the emissions testing requirements specified below in Section E.2.

- c. Emission Limitations: 0.49 lb NO_x/mmBtu heat input & 16 tons/year NO_x (stack emissions)

Applicable Compliance Method: The 0.49 lb NO_x/mmBtu heat input emission limitation is the potential to emit based on AP-42, 9/03, Table 1.6-2, dry wood burned:

$$Y = (0.49 \text{ lb NO}_x/\text{mmBtu}) * P * T * (1 \text{ ton}/2000 \text{ lbs});$$

Where:

Y = 16 tons/year NO_x [yearly emissions based on 6570 hours/year operating schedule];

P = 10 mmBtu/hr [maximum rated heat input of emissions unit]; and

T = 6570 hours/year [facility-requested restricted operating schedule].

If required, the permittee shall demonstrate compliance based on the results of emission testing conducted in accordance with 40 CFR Part 60, Appendix A, Methods1 - 4, 7E.

When burning a mixture of wood and TDF, as specified above, compliance shall be demonstrated per the emissions testing requirements specified below in Section E.2.

- d. Emission Limitations: 0.60 lb CO/mmBtu heat input & 20 tons/year CO (stack emissions)

Applicable Compliance Method: The 0.60 lb CO/mmBtu heat input emission limitation is the potential to emit based on AP-42, 9/03, Table 1.6-2, dry wood burned:

$$Y = (0.60 \text{ lb CO}/\text{mmBtu}) * P * T * (1 \text{ ton}/2000 \text{ lbs});$$

Where:

Y = 20 tons/year CO [yearly emissions based on 6570 hours/year operating schedule];

P = 10 mmBtu/hr [maximum rated heat input of emissions unit]; and

T = 6570 hours/year [facility-requested restricted operating schedule].

If required, the permittee shall demonstrate compliance based on the results of emission testing conducted in accordance with 40 CFR Part 60, Appendix A, Methods1 - 4, 10.

When burning a mixture of wood and TDF, as specified above, compliance shall be demonstrated per the emissions testing requirements specified below in Section E.2.

- e. Emission Limitation: 20% opacity, as a six-minute average (stack emissions)

Applicable Compliance Method: Compliance with the visible PE shall be demonstrated in accordance with Method 9 of 40 CFR Part 60, Appendix A.

- f. Emission Limitations: 0.025 lb/mmBtu heat input & 0.82 ton/year SO₂ (stack emissions)

Applicable Compliance Method: When burning a mixture of wood and TDF, as specified above, compliance shall be demonstrated per the emissions testing requirements specified below in Section E.2.

- g. Emission Limitations: 0.030 lb/mmBtu heat input & 0.99 ton/year VOC (stack emissions)

Applicable Compliance Method: When burning a mixture of wood and TDF, as specified above, compliance shall be demonstrated per the emissions testing requirements specified below in Section E.2.

- 2. The permittee shall conduct, or have conducted, emissions testing for this emissions unit in accordance with the following requirements:

- a. Emissions testing shall be conducted within 60 days after achieving the maximum production rate at which the emissions unit will be operated, but not later than 180 days after modification of the emissions unit to burn a mixture of wood and TDF, as specified in Sections B.2 and B.3 of this permit.
- b. Emissions testing shall be conducted to demonstrate compliance with the allowable mass emissions rate(s) for PE, PM₁₀, SO₂, NO_x, CO, and VOC, while burning a mixture of wood and TDF, as specified in this permit, in the appropriate averaging period(s).
- c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emissions rate(s):

PE	Method 5	40 <u>CFR</u> Part 60, Appendix A
PM ₁₀	Method 201/201A	40 <u>CFR</u> Part 51, Appendix M
SO ₂	Method 6	40 <u>CFR</u> Part 60, Appendix A
NO _x	Method 7E	40 <u>CFR</u> Part 60, Appendix A
CO	Method 10	40 <u>CFR</u> Part 60, Appendix A
VOC	Method 25/25A	40 <u>CFR</u> Part 60, Appendix A.

Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

- d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, i.e., the maximum percentage, on a weight basis, of TDF in the wood/TDF mixture, at the maximum process weight rate for the mixture, in pounds

per hour, that can be burned stoichiometrically, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

- e. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).
- f. Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.
- g. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.

F. Miscellaneous Requirements

1. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary at this time because the emissions unit's maximum annual emissions for each toxic pollutant will be less than 1.0 ton. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that a new permit to install application would be required for the emissions unit if changes in the fuels burned, equipment, method of operations, or updated information provided by results from emissions testing of this emissions unit would cause the emissions of any pollutant that has a listed Threshold Limit Value (TLV), as documented in the most current version of the

American Conference of Governmental Industrial Hygienists' (ACGIH's) handbook entitled "TLVs and BEIs" ("Threshold Limit Values for Chemical Substances and Physical Agents, Biological Exposure Indices"), to increase to above 1.0 ton per year.

2. This permit replaces and supersedes all of the requirements of PTI 16-02460 issued 8/29/06.