

1

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

GENERAL PERMIT CONDITIONS

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within 18 months of the effective date of this permit. 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.

NOTICE OF INSPECTION

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCE(S)

The proposed source(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 are inadequate or cannot meet applicable standards.

If the construction of the proposed source(s) has already begun or has been completed prior to the date the Director of the Ohio 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 Ohio Administrative Code

2

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

(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 prove to be inadequate or cannot meet applicable standards.

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 15 days of the effective date of this permit to install.

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.

APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

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.

3

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

PERMIT TO OPERATE APPLICATION

A Permit to Operate application must be submitted to the Ohio EPA, Southeast District Office field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be made at least 90 days prior to start-up of the source.

NINETY DAY OPERATING PERIOD

The facility will be permitted to operate during a 90-day period in accordance with OAC Rule 3745-35-02(C)(4)(b). The purpose of this period of operation is to fulfill the performance tests conditions used in the determination of compliance with the provisions of this Permit to Install or other applicable Ohio EPA rules.

SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION

This facility is permitted to operate each source described by this permit to install for 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.

4

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

5

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
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AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Pellet Company** located in **Belmont** County. The emissions units listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

Ohio
EPA
Source
Number

P903

F001 P901
 (Con't)

P902

P901

P902
(Con't)

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
P903 (Con't)	Source Identification <u>Description</u> Coal Pellet Stock Pile Activities			Air cooler pellet dryer with cyclone #3 and material handling.
				Air cooler pellet dryer with cyclone #1 & material handling
				Air cooler pellet dryer with cyclone #2 and material handling.

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
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BAT
Determination

Damp/wetted
material
minimize drop
height &
compliance
with Terms and
Conditions of
this permit

Cyclone, #2
fuel
oil less than
0.3% sulfur.
Recordkeeping
damp wetted
material
compliance
with Terms and
Conditions of
this permit.

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
Cyclone, #2 fuel oil less than 0.3% sulfur. Recordkeeping damp wetted material compliance with Terms and Conditions of this permit.	Cyclone, #2 fuel oil less than 0.3% sulfur. Recordkeeping damp wetted material compliance with Terms and Conditions of this permit.			

Facility Name: **PELLET COMPANY**
 Application Number: **17-1615**
 Date: **July 15, 1998**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
			40 CFR Part 60 Subpart Y	3745-31-05
	Applicable Federal & OAC Rules			
	3745-31-05			40 CFR Part 60 Subpart Y
		3745-17-11		
		3745-17-07 (A)		
3745-17-08 (B)				
		3745-17-08 (B)		
3745-17-07 (B)			3745-17-11	
		3745-18-06	3745-17-07 (A)	
3745-15-06				
3745-15-07				
		3745-15-06 & 07	3745-17-08 (B)	3745-17-11
3745-31-05				
		3745-17-07 (B)	3745-18-06	3745-17-07 (A)
				3745-17-08 (B)
40 CFR Part 60 Subpart Y			3745-15-06 & 07	
	3745-31-05			3745-18-06
			3745-17-07 (B)	
				3745-15-06 & 07

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
3745-17-07(B)	Permit Allowable Mass Emissions and/or Control/Usage Requirements	(Stack) CO-0.22 #/hr & 0.96 T/yr (Stack) VOC-0.024 #/hr & 0.10 T/yr (Stack) PM-0.015 T/yr (Fugitive) Visible PM See Additional Special Terms & Condition's Less restrictive than BAT Less restrictive than BAT See Additional Special Terms and Condition's Less restrictive than BAT See General Terms and Condition's More restrictive than NSPS Subpart Y	T/yr (Stack) CO-0.22 #/hr & 0.96 T/yr (Stack) VOC-0.024 #/hr & 0.10 T/yr (Stack) PM-0.015 T/yr (Fugitive) Visible PM See Additional Special Terms & Condition's Less restrictive than BAT Less restrictive than BAT See Additional Special Terms and Condition's Less restrictive than BAT Less restrictive than BAT	(Stack) SO ₂ -1.83 #/hr & 8.02 T/yr (Stack) NO _x -0.86 #/hr & 3.77 T/yr (Stack) CO-0.22 #/hr & 0.96 T/yr (STACK) VOC-0.024 #/hr & 0.10 T/yr (Fugitive) Visible PM See Additional Special Terms & Condition's Less restrictive than BAT Less restrictive than BAT See Additional Special Terms and Condition's Less restrictive than BAT See Additional Special Terms and Condition's Less restrictive than BAT
	PM-0.052 TPY Visible P.M. See Additional Special Terms & Condition's	Less Restrictive Than BAT	See General Terms and Condition's	See Additional Special Terms and Condition's
	PM-0.30 #/hr & 1.31 T/yr (Stack)	PM-0.30 #/hr & 1.31 T/yr (Stack)	PM-0.30 #/hr & 1.31 T/yr	Less restrictive than BAT
	SO ₂ -1.83 #/hr & 8.02 T/yr (Stack)	SO ₂ -1.83 #/hr & 8.02 T/yr (Stack)	SO ₂ -1.83 #/hr & 8.02 T/yr	See General Terms and Condition's
	NO _x -0.86 #/hr & 3.77 T/yr	NO _x -0.86 #/hr & 3.77 T/yr	NO _x -0.86 #/hr & 3.77 T/yr	More restrictive

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

than
NSPS
Subpart
Y

SUMMARY
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
PM	4.027
SO ₂	24.06
NO _x	11.31
CO	2.88
VOC	0.30

NSPS REQUIREMENTS

The following sources are subject to the applicable provisions of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60.

<u>Source Number</u>	<u>Source Description</u>	<u>NSPS Regulation (Subpart)</u>
P901	material handling of	Y
P902	synthetic fuel production	
P903	at coal preparation plant	

The application and enforcement of these standards are delegated to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

Pursuant to the NSPS, the source owner/operator is hereby advised

12

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

of the requirement to report the following at the appropriate times:

- a. construction date (no later than 30 days after such date);
- b. anticipated start-up date (not more than 60 days or less than 30 days prior to such date);
- c. actual start-up date (within 15 days after such date); and
- d. date of performance testing (If required, at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
DAPC - Permit Management Unit
P.O. Box 163669
Columbus, OH 43216-3669

and **Ohio Environmental Protection Agency**
Southeast District Office
2195 Front Street
Logan, Ohio 43138

PERFORMANCE TEST REQUIREMENTS

The permittee shall conduct, or have conducted, performance testing on the air contaminant source(s) in accordance with procedures approved by the Agency. Two copies of the written report describing the test procedures followed and the results of such tests shall be submitted and signed by the person responsible for the test. The Director, or an Ohio EPA representative, shall be allowed to witness the test, examine testing equipment, and require the acquisition or submission of data and information necessary to assure that the source operation and testing procedures provide a valid characterization of the emissions from the source and/or the performance of the control equipment.

- A. A completed Intent to Test form shall be submitted to the Ohio EPA, Southeast District Office or Local Air Pollution Control Agency where the original permit application was filed. This notice shall be made 30 days in advance and shall specify the source operating parameters, the proposed test procedures, and the time, date, place and person(s) conducting such tests.

13

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

- B. Two copies of the test results shall be submitted within 30 days after the completion of the performance test.
- C. Tests shall be performed for the following source(s) and pollutant(s):

Source

Pollutant(s)

P901

PM

WASTE DISPOSAL

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.

MAINTENANCE OF EQUIPMENT

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

MALFUNCTION/ABATEMENT

In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the **Ohio EPA, Southeast District Office, 2195 Front Street, Logan, Ohio 43138.**

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

AIR POLLUTION NUISANCES PROHIBITED

The air contaminant source(s) identified in this permit may not

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

cause a public nuisance in violation of OAC Rule 3745-15-07.

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.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

A. Applicable Emission Limitations and/or Control Requirements (also see Air Emission Summary)

1. The following is the Best Available Technology (BAT) determination for emissions unit F001:
 - a. The annual particulate emission shall not exceed 0.052 tpy.
 - b. There shall be no visible particulate emission except for a period of time not to exceed 1 minute during any sixty-minute observation period.
2. The following is the Best Available Technology (BAT) determination for emissions unit P901, P902, P903:
 - a. The Particulate Matter, Sulfur Dioxide, Carbon Monoxide, Nitrogen Oxide, and Volatile Organic Compound emissions from each emissions unit P901, P902, P903 shall not exceed: 0.30, 1.83, 0.22, 0.86 and 0.024 pounds per hour, respectively. These emission limits are based on the maximum usage thus, hourly usage recordkeeping is not required.
 - b. The Particulate Matter, Sulfur Dioxide, Carbon Monoxide, Nitrogen Oxide, and Volatile Organic

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

Compound emissions from each stack of emissions unit P901, P902, P903 shall not exceed: 1.31, 8.02, 0.96, 3.77 and 0.10 tons per year, respectively. These limits are based on a maximum operating schedule of 8760 hours per year therefore no daily recordkeeping will be required of hours of operation.

- c. At no time shall visible particulate emission from the cyclone stack exceed 20 percent opacity as a six-minute average.
- d. At no time shall visible particulate emission from the load-in, convey and transfer of synthetic fuel pellets exceed 20 percent opacity as a three-minute average.
- e. The fugitive particulate matter emissions from emission units P901, P902 and P903 shall not exceed 0.015 ton per year.

B. Additional Terms and Conditions

- 1. The pelletized synthetic fuel storage pile that is covered by this permit and subject to the requirements of OAC rules 3745-31-05 and 3745-17-08 are listed below: one pelletized synthetic fuel pile.
 - a. The permittee shall load into and from the storage pile only pelletized fuel that possesses adequate moisture content sufficient to minimize or eliminate fugitive particulate emissions. Dry pelletized fuel shall be adequately watered prior to loading into or out of the pelletized synthetic fuel storage pile in order to minimize or eliminate visible emission of fugitive dust.
 - b. The permittee shall instruct and require all front end loader operators to reduce the drop height of bucket loads of synthetic fuel pellets to the maximum extent possible in order to minimize or eliminate visible emission of fugitive dust.
 - c. The permittee shall ensure that the pelletized synthetic fuel storage pile possesses adequate

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

moisture content, or are of such size, shape or surface condition to minimize or eliminate visible emission of fugitive dust caused by wind erosion.

2. The pelletized synthetic fuel manufacturing system that are covered by this permit and subject to the requirements of OAC rules 3745-31-05 and 3745-17-08 and 40 CFR Part 60 Subpart Y are listed below: P901, P902, P903.

- a. The permittee shall ensure that all synthetic fuel pellets that are loaded-in, transferred and conveyed possess adequate moisture content or are of adequate size and mass to minimize or eliminate visible emission of fugitive dust.

- b. The permittee shall instruct and require all front end loader operators to reduced to the maximum extent possible the drop height of coal and pellets in order to minimize or eliminate fugitive dust.

- c. The quality of the oil burned in this emissions unit shall meet the following specifications on an as received basis:

A sulfur content which is not to exceed 0.3 percent by weight.

Compliance with the above-mentioned specifications shall be determined by using the fuel supplier's analysis.

- d. The permittee shall maintain and employ the cyclone air pollution control device at representative operating parameters that were determined during a compliance demonstration.

C. OPERATIONAL RESTRICTIONS

1. None.

D. MONITORING AND/OR RECORDKEEPING REQUIREMENTS

1. The permittee shall maintain for each shipment of oil

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

received for burning in emissions units P901, P902, P903, records of the total quantity of oil received and the oil supplier's analysis for sulfur content.

2. The permittee shall properly install, operate and maintain equipment to monitor the pressure drop across the cyclone while the emissions unit is in operation. The monitoring equipment shall be installed, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the cyclone on a daily basis.
3. The permittee shall perform inspections of the pelletized synthetic fuel storage piles in accordance with the following frequencies:

Once per shift

The purpose of the inspections is to determine the need for implementing additional control measures specified. The inspections shall be performed during representative, normal conditions. No inspection shall be necessary for a storage pile that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to minimize or eliminate visible emissions of fugitive dust generated by storage pile activities and to ensure compliance with the above-mentioned visible emission limitations. Any required inspection that is not performed due to any of the above identified events

shall be performed as soon as such events(s) has have ended, except if the next required inspection is within one day.

4. The permittee shall perform inspections of the pelletized synthetic fuel transferring and conveying equipment in accordance with the following frequencies:

Once per shift

The purpose of the inspections is to determine the need for implementing the additional control measures

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

specified. The inspections shall be performed during representative, normal processing conditions. No inspection shall be necessary for equipment covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to minimize or eliminate visible emissions of fugitive dust generated by synthetic pellet fuel transferring and conveying activities and to ensure compliance with the above-mentioned visible emission limitations. Any required inspection that is not performed due to any of the above identified events shall be performed as soon as such event(s) has have ended, except if the next required inspection is within one day.

E. REPORTING REQUIREMENTS

1. The permittee shall submit deviation reports that identify any of the following occurrences:
 - a. Each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
 - b. Each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.
2. The deviation reports shall be submitted within 30 days of the end of the calendar quarter to the Ohio EPA, Southeast District Office.
3. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the cyclone did not comply with the allowable range specified above.
4. The permittee shall submit required reports in the following manner:
 - a. Reports of any required monitoring and/or record keeping information shall be submitted to the Ohio EPA, Southeast District Office.

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (1) 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, (2) the probable cause of such deviations, and (3) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the Ohio EPA, Southeast District Office. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly i.e., by January 30, April 30, July 30, and October 30 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.)

F. TESTING REQUIREMENTS AND COMPLIANCE METHOD DETERMINATION

1. Compliance with the emission limitations in the Air Emission Summary and in the Terms and Conditions for emission unit F001 shall be determined in accordance with the following methods:

- a. Emission Limitation

PM: Visible particulate emission not to exceed one minute during any sixty-minute observation period.

Applicable Compliance Method Compliance with the emission limitations for the storage piles shall be determined in accordance with test method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 Standards of Performance for New Stationary Sources," as such Appendix existed on July 1, 1996, and the modifications listed in

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

paragraphs (B) (4) (a) through (B) (4) (d) of OAC rule 3745-17-03.

b. Emission Limitation

PM 0.052 ton PM/yr.

Applicable Compliance Method

Multiply the USEPA, AP42, Section 13, 5th edition published January 1995, emission factor of 0.00061 lb PM/ton for the load in and load out activities for the pelletized synthetic fuel storage pile obtained from the formula and 1.55 lbs PM/acre/day by the appropriate through puts and pile size. Divide this total by 2000 pounds per ton. The pelletized fuel storage pile particulate emission is multiplied by a control efficiency of (1-.9) and the result is compared to the allowable.

2. Compliance with the emission limitations in the Air Emission Summary and in the Terms and Conditions for emission units P901, P902 and P903 shall be determined in accordance with the following methods:

a. Emission Limitation

PM: 0.30 lb PM/hr from cyclone exhaust

Applicable Compliance Method

USEPA, 40 CFR Part 60, Appendix A, Method 5.

b. Emission Limitation

PM: 0.94 ton PM/yr from cyclone exhaust

Applicable Compliance Method

Multiply the hourly emissions rate from the most recent stack test by the annual hours of operation and divide by 2000 pounds per ton.

c. Emission Limitation

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

SO₂ 1.83 lbs SO₂/hr

Applicable Compliance Method

If required USEPA, 40 CFR Part 60, Appendix A, Method 6. Alternately use the emission factor found in USEPA publication titled AP 42 Compilation of Air Pollutant Emission Factors dated 1993 found in table 1.3-2 of 142 S pounds of sulfur dioxide per thousand gallons of fuel combusted. Multiply the emission factor of 142 S provided by 0.044 thousand gallons of fuel per hour by 0.3 percent sulfur content of fuel produces pounds of SO₂ per hour.

d. Emission Limitation

SO₂ 8.02 tons SO₂/hr

Applicable Compliance Method

Multiply the hourly emissions rate from the most recent stack test by the annual hours of operation and divide by 2000 pounds per ton. Alternately multiply the hourly emission rate obtained from the emission factor above by the hours of operation of 8760 and divide by two thousand pounds per ton.

e. Emission Limitation

NO_x 0.86 lb NO_x/hr

Applicable Compliance Method

If required, USEPA, 40 CFR Part 60, Appendix A, Method 7. Alternately use the emission factor found in USEPA publication titled AP 42 Compilation of Air Pollutant Emission Factors dated 1993 found in table 1.3-2 of 20 pounds of nitrogen oxides per thousand gallons of fuel combusted. Multiply the emission factor of 20 provided by 0.044 thousand gallons of fuel per

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

hour produces pounds of NO_x per hour.

f. Emission Limitation

NO_x 3.77 tons NO_x/yr

Applicable Compliance Method

Multiply the hourly emissions rate from the most recent stack test by the annual hours of operation of and divide by 2000 pounds per ton. Alternately multiply the hourly emission rate obtained from the emission factor above by the hours of operation of 8760 and divide by two thousand pounds per ton.

g. Emission Limitation

VOC 0.024 lb VOC/hr

Applicable Compliance Method

If required, USEPA, 40 CFR Part 60, Appendix A, Method 25. Alternately use the emission factor found in USEPA publication titled AP 42 Compilation of Air Pollutant Emission Factors dated 1993 found in table 1.3-4 of 0.55 pounds of volatile organic compounds per thousand gallons of fuel combusted. Multiply the emission factor of 0.55 provided by 0.044 thousand gallons of fuel per hour produces pounds of VOC per hour.

h. Emission Limitation

VOC 0.10 ton VOC/yr

Applicable Compliance Method

Multiply the hourly emissions rate from the most recent stack test by the annual hours of operation and divide by 2000 pounds per ton. Alternately multiply the hourly emission rate obtain from the emission factor above by the hours of operation of 8760 and divide by two thousand pounds per ton.

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

i. Emission Limitation

CO 0.22 lb CO/hr

Applicable Compliance Method

If required, USEPA, 40 CFR Part 60, Appendix A, Method 10. Alternately use the emission factor found in USEPA publication titled AP 42 Compilation of Air Pollutant Emission Factors dated 1993 found in table 1.3-2 of 5.0 pounds of carbon monoxide per thousand gallons of fuel combusted. Multiply the emission factor of 5.0 provided by 0.044 thousand gallons of fuel per hour produces pounds of CO per hour.

j. Emission Limitation

CO 0.96 ton CO/yr

Applicable Compliance Method

Multiply the hourly emissions rate from the most recent stack test by the annual hours of operation and divide by 2000 pounds per ton. Alternately multiply the hourly emission rate obtained from the emission factor above by the hours of operation of 8760 and divide by two thousand pounds per ton.

k. Emission Limitation

cyclone stack visible emission shall not exceed 20% opacity as a six-minute average.

Applicable Compliance Method

Visible Particulate emission from the cyclone stack shall be determined in accordance with Method 9 of 40 CFR Part 60, Appendix A.

l. Emission Limitation

Facility Name: **PELLET COMPANY**

Application Number: **17-1615**

Date: **July 15, 1998**

PM 0.015 ton fugitive PM/yr from material handling activities

Applicable Compliance Method

Multiply the USEPA, AP42, Section 13.2.4.3, 5th edition published January 1995, formula derived emission factor of 0.00061 lb PM/ton for synthetic pelletized fuel transfer conveying activities times the annual production times the two activities and multiply by an average control efficiency of (1-.90) and divide by 2000 pounds per ton.

m. Emission Limitation

Fugitive particulate emission not to exceed 20% as a three-minute average

Applicable Compliance Method

Visible particulate emission shall be determined in accordance with Method 9 of 40 CFR Part 60, Appendix A.