State of Ohio Environmental Protection Agency

RE: FINAL PERMIT TO INSTALL MODIFICATION **CERTIFIED MAIL**
WOOD COUNTY

Street Address:
122 S. Front Street

Lazarus Gov. Center **TELE:** (614) 644-3020 **FAX:** (614) 644-2329

Mailing Address:
Lazarus Gov. Center
P.O. Box 1049

Application No: 03-17146
Fac ID: 0387020205
DATE: 12/14/2006

Mid-Wood, Incorporated
Matt Langhals
PO Box 799 12818 E. Gypsy Lane Road
Bowling Green, OH 43402

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

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

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

CC: **USEPA** **NWDO**

STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

Permit To Install **Issue Date: 12/14/2006**
Terms and Conditions **Effective Date: 12/14/2006**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 03-17146

Application Number:	03-17146
Facility ID:	0387020205
Permit Fee:	**$450**
Name of Facility:	Mid-Wood, Incorporated
Person to Contact:	Matt Langhals
Address:	PO Box 799 12818 E. Gypsy Lane Road Bowling Green, OH 43402

Location of proposed air contaminant source(s) [emissions unit(s)]:
12818 E. Gypsy Lane Road
Bowling Green, **Ohio**

Description of proposed emissions unit(s):
Grain elevator.

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

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Joseph P. Koncelik

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

Pollutant	Tons Per Year
PE (fugitive)	10.03
PE (stack)	0.61
PM10 (fugitive)	2.86
PM10 (stack)	0.372

Emissions Unit ID: **F001**

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 - (F001) - Facility paved and unpaved roadways

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	2.62 tons fugitive particulate emissions (PE) per year 0.65 ton fugitive particulate matter 10 microns in diameter or less (PM10) per year <u>Paved roadways:</u> There shall be no visible particulate emissions from any paved roadway except for a period of time not to exceed one minute during any sixty-minute observation period. best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.c, and A.2.e through A.2.i) <u>Unpaved roadways:</u> There shall be no visible particulate emissions from any unpaved roadway except for a period of time not to exceed three minutes during any sixty-minute observation period. best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.d through A.2.i)
OAC rule 3745-17-07(B)	see A.2.j
OAC rule 3745-17-08(B)	see A.2.k

2. Additional Terms and Conditions

2.a The paved roadway segments that are subject to the terms and conditions of this permit are listed below:

identification:	description:	road segment length:
A	From Gypsy Lane to blacktop	0.0246 miles
B	From blacktop to stones	0.0138 miles
D	Scale	0.0133 miles

2.b The unpaved roadway segments that are subject to the terms and conditions of this permit are listed below:

identification:	description:	road segment length:
C	From concrete area to scale	0.0449 miles
E	From scale to pit	0.0265 miles
F	From pit back around to scale	0.0811 miles
G	New driveway to new bin spout	0.0644 miles
H	Driveway beside bins 114-117	0.0388 miles
I	Driveway from scale to bin 118	0.0852 miles

2.c The permittee shall employ best available control measures on all paved roadways for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permit application, the permittee maintains that the type of traffic and the nature of the road surface is such that no controls are necessary to comply with all applicable requirements. If at anytime the type of traffic and the nature of the road surface is not sufficient to meet the above applicable requirements, the permittee shall employ best available control measures to ensure compliance.

2.d The permittee shall employ best available control measures on all unpaved roadways for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the unpaved roadways by chemical stabilization (i.e. use of Soy Solve) at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

2.e The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of

this permit. Implementation of the control measures shall not be necessary for a paved or unpaved roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.

2.f Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled with the control measure(s) specified above for paved surfaces. Any unpaved roadway or parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways and parking areas. Any unpaved roadway or parking area that is paved shall be subject to the visible emission limitation for paved roadways and parking areas.

2.g The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.

2.h Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.

2.i Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05.

2.j This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(B) pursuant to OAC rule 3745-17-07(B)(11)(e).

2.k Mid-Wood, Incorporated is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A), this emissions unit is exempt from the requirements of OAC rule 3745-17-08.

B. Operational Restrictions

None

C. Monitoring and/or Record keeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of the roadways and parking areas in accordance with the following frequencies:

paved roadways	minimum inspection frequency
all	once during each day of operation

unpaved roadways	minimum inspection frequency
all	once during each day of operation

2. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. 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 week.

3. The permittee may, upon receipt of written approval from Ohio EPA's Northwest District Office, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.

4. The permittee shall maintain records of the following information:

a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;

b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;

c. the dates the control measures were implemented; and

d. on a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or

precipitation were sufficient to not require the control measures.

The information required in 4.d. shall be kept separately for (I) the paved roadways and parking areas and (ii) the unpaved roadways and parking areas, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. 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.

The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of the terms and condition of this permit shall be determined in accordance with the following method(s):

a. <u>Emission Limitations:</u>
2.62 tons fugitive PE/yr
0.65 ton fugitive PM10/yr

<u>Applicable Compliance Method:</u>
Compliance with fugitive PE and PM10 limitations shall be determined by using the emission factor equations in Section 13.2.1 (for paved roadways) and Section 13.2.2 (for unpaved roadways), in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 12/03). Should further updates in AP-42 occur, the most current equations shall be used. These emission limitations were based on maximum vehicle miles traveled per year, and a 50% control efficiency for PE and PM10 on unpaved surfaces.

b. Emission Limitation:
There shall be no visible particulate emissions from any paved roadway except for a period of time not to exceed one minute during any sixty-minute observation period.

Applicable Compliance Method:
Compliance with the visible emission limitation specified above 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, 2002, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.

c. Emission Limitation:
There shall be no visible particulate emissions from any unpaved roadway segments except for a period of time not to exceed three minutes during any 60-minute observation period.

Applicable Compliance Method:
Compliance with the visible emission limitation specified above 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, 2002, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

None

Modification Issued: 12/14/2006

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 - (F003) - Zimmerman Column Grain Dryer

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	Control requirements (see A.2.a) 2.81 tons fugitive particulate emissions (PE) per year 0.70 ton fugitive particulate matter 10 microns in diameter or less (PM10) per year Visible fugitive PE shall not exceed 20% opacity as a 3-minute average
OAC rule 3745-17-07(B)	see A.2.b
OAC rule 3745-17-08(B)	see A.2.c

2. Additional Terms and Conditions

2.a The "Best Available Technology" (BAT) control requirement for this emissions unit has been determined to be the use of column plate perforation with a diameter equal to or less than 0.094 inches. BAT requirements also include compliance with the terms and conditions of this permit.

2.b This emissions unit is exempt from the visible particulate emissions limitation specified in OAC rule 3745-17-07(B), pursuant to OAC rule 3745-17-07(B)(11)(e).

2.c Mid-Wood, Incorporated is not located within an "Appendix A" area identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A), this emissions unit is exempt from the requirements of OAC rule 3745-17-08(B).

B. Operational Restrictions

Emissions Unit ID: **F003**

1. The maximum annual grain throughput for this emissions unit shall not exceed 25,518 tons of grain.

C. Monitoring and/or Record keeping Requirements

1. The permittee shall maintain monthly records of the amount of grain throughput for this emissions unit (in tons per month and total tons, to date for the calendar year).

D. Reporting Requirements

1. The permittee shall submit reports that summarize the total annual amount of grain throughput for this emissions unit. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of the terms and condition of this permit shall be determined in accordance with the following method(s):

a. Emission Limitation:
2.81 tons fugitive PE per year

Applicable Compliance Method:
The emission limitation was established by multiplying an AP-42 emission factor of 0.22 lb PE/ton grain (Section 9.9.1 (3/2003)) by the maximum annual grain throughput of 25,518 tons and multiplying by a conversion factor of 1 ton/2000 lbs. Therefore, provided compliance is shown with the maximum annual grain throughput, compliance with the annual limitation will be assumed.

b. Emission Limitation:
0.70 ton fugitive PM10 per year

Applicable Compliance Method:
The emission limitation was established by multiplying an AP-42 emission factor of 0.055 lb PM_{10}/ton grain (Section 9.9.1 (3/2003)) by the maximum annual grain throughput of 25,518 tons and multiplying by a conversion factor of 1 ton/2000 lbs. Therefore, provided compliance is shown with the maximum annual grain throughput, compliance with the annual limitation will be assumed.

c. Emission Limitation:
Visible fugitive PE shall not exceed 20% opacity as a 3-minute average

Applicable Compliance Method:
If required, compliance with the visible emission limitation shall be determined in accordance with Test Method 9 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, 2002, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

None

Modification Issued: 12/14/2006

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 - (F004) - Truck loading operations (Truck loadout spouts)

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	1.11 ton fugitive particulate emissions (PE) per year 0.38 ton fugitive particulate matter 10 microns in diameter or less (PM10) per year Visible fugitive PE shall not exceed 20% opacity, as a 3-minute average from truck loading operations
OAC rule 3745-17-07(B)	see A.2.b
OAC rule 3745-17-08(B)	see A.2.c

2. Additional Terms and Conditions

2.a BAT requirements include compliance with the terms and conditions of this permit.

2.b This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(B) pursuant to OAC rule 3745-17-07(B)(11)(e).

2.c Mid-Wood, Incorporated is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A), this emissions unit is exempt from the requirements of OAC rule 3745-17-08.

B. Operational Restrictions

1. The maximum annual grain throughput for this emissions unit shall not exceed 25,854

tons.

C. Monitoring and/or Record keeping Requirements

1. The permittee shall maintain monthly records of the amount of grain throughput for this emissions unit (in tons per month and total tons, to date for the calendar year).

2. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the truck loading operations. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

a. The color and location of the emissions;

b. Whether the emissions are representative of normal operations;

c. If the emissions are not representative of normal operations, the cause of the abnormal emissions;

d. The total duration of any visible emission incident; and,

e. Any corrective actions taken to eliminate the abnormal visible emissions.

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

D. Reporting Requirements

1. The permittee shall submit reports that summarize the total annual amount of grain throughput for this emissions unit. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

2. The permittee shall submit semiannual written reports that (a) identify all days during

which any abnormal visible fugitive particulate emissions were observed from the truck loading operation and (b) describe any corrective actions taken to eliminate the abnormal visible particulate emissions. These reports shall be submitted to the Director (the Northwest District Office) by January 31 and July 31 of each year and shall cover the previous 6-month period.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of the terms and condition of this permit shall be determined in accordance with the following method(s):

a. Emission Limitation
1.11 ton fugitive PE per year

Applicable Compliance Method
The emission limitation was established by multiplying an AP-42 emission factor of 0.086 lbs PE/ton grain (Section 9.9.1 (3/2003)) by a maximum annual grain throughput of 25,854 tons of grain, and multiplying by a conversion factor of 1 ton/2000 lbs. Therefore, provided compliance is shown with the maximum annual grain throughput, compliance with the annual limitation will be assumed.

b. Emission Limitation
0.38 ton fugitive PM10 per year

Applicable Compliance Method
The emission limitation was established by multiplying an AP-42 emission factor of 0.029 lbs PM10/ton grain (Section 9.9.1 (3/2003)) by a maximum annual grain throughput of 25,854 tons of grain, and multiplying by a conversion factor of 1 ton/2000 lbs. Therefore, provided compliance is shown with the maximum annual grain throughput, compliance with the annual limitation will be assumed.

c. Emission Limitation
Visible fugitive PE shall not exceed 20% opacity, as a 3-minute average, during truck loading operations

Applicable Compliance Method
If required, compliance with the visible emission limitation shall be determined in accordance with Test Method 9 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, 2002, and the modifications listed in paragraphs

(B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

None

Emissions Unit ID: **P901**

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 - (P901) - Truck receiving/transferring and conveying operations/screening and cleaning operations

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

OAC rule 3745-31-05(A)(3)	Control requirements (See A.2.a) <u>Grain receiving by truck:</u> 3.30 tons fugitive particulate emissions (PE) per year 1.08 tons fugitive particulate matter 10 microns in diameter or less (PM10) per year Visible fugitive PE shall not exceed 20% opacity as a three-minute average (from enclosures containing grain receiving operations) 2.70 pounds PE per hour (from cyclone stack) 0.55 ton PE per year (from cyclone stack) 1.77 pounds PM10 per hour (from cyclone stack) 0.36 ton PM10 per year (from cyclone stack) Visible PE shall not exceed 20% opacity as a six-minute average (from cyclone stack) <u>Transferring/Conveying:</u> 0.08 ton PE per year 0.04 ton PM10 per year Any visible PE associated with transferring/conveying operations shall not exceed 5% opacity, as a six-minute average <u>Screening/Cleaning:</u> 9.00 pounds PE per hour (from cyclone stack) 0.01 ton PE per year (from cyclone stack) 2.28 pounds PM10 per hour (from cyclone stack) 0.002 ton PM10 per year (from cyclone stack) Visible PE shall not exceed 20% opacity as a six-minute average (from cyclone stack)
OAC rule 3745-17-07(B)	see A.2.b
OAC rule 3745-17-08(B)	see A.2.c
OAC rule 3745-17-07(A)	see A.2.d
OAC rule 3745-17-11(B)	see A.2.e

2. Additional Terms and Conditions

2.a The "Best Available Technology" (BAT) control requirements for this emissions unit has been determined to be:

i. Use of a collection system controlled by a cyclone for grain receiving pits #1 and #2;

ii. Use of a two-sided enclosure for the grain receiving operations in Pits #1 and #2; and

iii. Use of a total enclosure vented to a cyclone for transferring/conveying operations;

iv. Use of a three-sided enclosure for the grain receiving operations in Pit #3.

BAT also includes compliance with the terms and conditions of this permit.

2.b This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(B) pursuant to OAC rule 3745-17-07(B)(11)(e).

2.c Mid-Wood, Incorporated is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A), this emissions unit is exempt from the requirements of OAC rule 3745-17-08.

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

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

B. Operational Restrictions

1. The maximum annual grain throughput for emissions unit P901 shall not exceed 48,834 tons.

C. Monitoring and/or Record keeping Requirements

1. The permittee shall maintain monthly records of the amount of grain throughput for this emissions unit (in tons per month and total tons, to date for the calendar year).

2. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, (a) for any visible particulate emissions from the cyclone stack serving the receiving operations of this emissions unit, (b) for any visible particulate emissions from the cyclone stack serving the screening/cleaning operations of this emissions unit, and (c) for any visible fugitive particulate emissions from the enclosures containing the receiving operations of this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

a. the location and color of the emissions;

b. whether the emissions are representative of normal operations;

c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;

d. the total duration of any visible emission incident; and,

e. any corrective actions taken to eliminate the abnormal visible emissions.

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

3. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible emissions from the transferring/conveying operations of this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

a. the location and color of the emissions;

b. whether the emissions are representative of normal operations;

c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;

d. the total duration of any visible emission incident; and,

e. any corrective actions taken to eliminate the abnormal visible emissions.

D. Reporting Requirements

1. The permittee shall submit reports that summarize the total annual amount of grain throughput for this emissions unit. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

2. The permittee shall submit semiannual written reports that identify:

a. all days during which any abnormal visible particulate emissions were observed from the cyclone stack serving the receiving operations of this emissions unit.

b. all days during which any abnormal visible particulate emissions were observed from the cyclone stack serving the screening/cleaning operations of this emissions unit.

c. all days during which any abnormal visible fugitive particulate emissions were observed from the enclosures containing the receiving operations of this emissions unit.

d. all days during which any visible particulate emissions were observed from the transferring/conveying operations of this emissions unit.)

The reports shall describe any corrective actions taken to eliminate the emissions outlined in items a through d above. These reports shall be submitted to the Director (the Northwest District Office) by January 31 and July 31 of each year and shall cover the previous 6-month period.

E. Testing Requirements

Modification Issued: 12/14/2006

1. Compliance with the emission limitation(s) in Section A.1. of the terms and condition of this permit shall be determined in accordance with the following method(s):

a. Emission Limitation:
3.30 tons fugitive PE per year from truck grain receiving

Applicable Compliance Method
The emission limitation is based on the worst case assumption that all grain will be received in pits #1 & #2. The emission limitation was developed by multiplying an AP-42 emission factor of 0.18 lbs PE/ton grain (Section 9.9.1 (3/2003)), a maximum annual grain throughput of 48,834 tons, a conversion factor of 1 ton/2000 lbs, and applying a 25% capture efficiency for the collection system controlling the receiving pits. Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual limitation will be assumed.

b. Emission Limitation:
1.08 tons fugitive PM10 per year from truck grain receiving

Applicable Compliance Method
The emission limitation is based on the worst case assumption that all grain will be received in pits #1 & #2. The emission limitation was developed by multiplying an AP-42 emission factor of 0.059 lbs PM10/ton grain (Section 9.9.1 (3/2003)), a maximum annual grain throughput of 48,834 tons, a conversion factor of 1 ton/2000 lbs, and applying a 25% capture efficiency for the collection system controlling the receiving pits. Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual limitation will be assumed.

c. Emission Limitation:
Visible fugitive PE shall not exceed 20% opacity as a three-minute average (from enclosures containing grain receiving operations)

Applicable Compliance Method
If required, compliance with the visible emission limitation shall be determined in accordance with Test Method 9 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, 2002, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

d. Emission Limitation:
2.70 pounds PE per hour from cyclone stack (truck grain receiving)

Applicable Compliance Method
The emission limitation was developed by multiplying an AP-42 emission factor of 0.18 lbs PE/ton grain (Section 9.9.1 (3/2003)), a maximum hourly grain throughput of 120 tons for pits #1 & #2 combined and applying an overall control efficiency of 12.5% (25% capture & 50% cyclone control). If required, compliance with the hourly PE limitation shall be determined in accordance with Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

e. Emission Limitation:
0.55 ton PE per year from cyclone stack (truck grain receiving)

Applicable Compliance Method
The emission limitation was developed by multiplying an AP-42 emission factor of 0.18 lbs PE/ton grain (Section 9.9.1 (3/2003)), a maximum annual grain throughput of 48,834 tons, a conversion factor of 1 ton/2000 lbs and applying an overall control efficiency of 12.5% (25% capture & 50% cyclone control). Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual limitation will be assumed.

f. Emission Limitation:
1.77 pounds PM10 per hour from cyclone stack (truck grain receiving)

Applicable Compliance Method
The emission limitation is based on the assumption that the cyclone would not provide any control of PM10. The emission limitation was developed by multiplying an AP-42 emission factor of 0.059 lbs PM10/ton grain (Section 9.9.1 (3/2003)), a maximum hourly grain throughput of 120 tons and applying 25% capture efficiency for the collection system controlling the receiving pits. If required, compliance shall demonstrate compliance with the hourly PM10 limitation shall be determined in accordance with Methods 201/201A and 202 of 40 CFR Part 51, Appendix M. Alternative U.S. EPA approved test methods may be used with prior approval from the appropriate Ohio EPA District Office or local air agency.

g. Emission Limitation:
0.36 ton PM10 per year from cyclone stack (truck grain receiving)

Applicable Compliance Method

The emission limitation is based on the assumption that the cyclone would not provide any control of PM10. The emission limitation was developed by multiplying an AP-42 emission factor of 0.059 lbs PM10/ton grain (Section 9.9.1 (3/2003)), a maximum annual grain throughput of 48,834 tons, a conversion factor of 1 ton/2000 lbs and applying 25% capture efficiency for the collection system controlling the receiving pits. Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual limitation will be assumed.

h. Emission Limitation:
Visible PE shall not exceed 20% opacity as a six-minute average from cyclone stack (truck grain receiving)

Applicable Compliance Method
If required, compliance with the visible emission limitation shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources").

i. Emission Limitation:
0.08 tons PE per year from transferring/conveying operations

Applicable Compliance Method
The emission limitation was developed by multiplying an AP-42 emission factor of 0.0.61 lbs PE/ton grain (Section 9.9.1 (3/2003)), a maximum annual grain throughput of 48,834 tons, a conversion factor of 1 ton/2000 lbs and applying 95% control efficiency for a totally enclosed system. Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual limitation will be assumed.

j. Emission Limitation:
0.04 tons PM10 per year from transferring/conveying operations

Applicable Compliance Method
The emission limitation was developed by multiplying an AP-42 emission factor of 0.034 lbs PM10/ton grain (Section 9.9.1 (3/2003)), a maximum annual grain throughput of 48,834 tons, a conversion factor of 1 ton/2000 lbs and applying 95% control efficiency for a totally enclosed system. Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual limitation will be assumed.

k. Emission Limitation:
Any visible PE associated with transferring/conveying operations shall not exceed 5% opacity, as a six-minute average

Applicable Compliance Method
If required, compliance with the visible emission limitation shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources").

l. Emission Limitation:
9.00 pounds PE per hour from screening/cleaning operations (from cyclone stack)

Applicable Compliance Method
The emission limitation was developed by multiplying an AP-42 emission factor of 0.075 lbs PE/ton grain (Section 9.9.1 (3/2003)) and a maximum hourly grain throughput of 120 tons. If required, compliance with the hourly PE limitation shall be determined in accordance with Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

m. Emission Limitation:
0.01 ton PE per year from cyclone stack (screening/cleaning operations)

Applicable Compliance Method
Compliance shall be demonstrated by multiplying an AP-42 emission factor of 0.075 lbs PE/ton grain (Section 9.9.1 (3/2003)), a maximum annual grain throughput of 200 tons for screening/cleaning and multiplying by a conversion factor of ton/2000 lbs.

n. Emission Limitation:
2.28 pounds PM10 per hour from cyclone stack (screening/cleaning operations)

Applicable Compliance Method
The emission limitation is based on the assumption that the cyclone would not provide any control of PM10. The emission limitation was developed by multiplying an AP-42 emission factor of 0.019 lbs PE/ton grain (Section 9.9.1 (3/2003)) and a maximum hourly grain throughput of 120 tons. If required, compliance shall demonstrate compliance with the hourly PM10 limitation shall be determined in accordance with Methods 201/201A and 202 of 40 CFR Part 51, Appendix M. Alternative U.S. EPA approved test methods may be used with prior approval from the appropriate Ohio EPA District Office or local air agency.

o. Emission Limitation:
0.002 ton PM10 per year from cyclone stack (screening/cleaning operations)

Applicable Compliance Method
Compliance shall be demonstrated by multiplying an AP-42 emission factor of 0.019 lbs PE/ton grain (Section 9.9.1 (3/2003)), a maximum annual grain throughput of 200 tons for screening/cleaning and multiplying by a conversion factor of ton/2000 lbs.

p. Emission Limitation:
Visible PE shall not exceed 20% opacity as a six-minute average from cyclone stack (screening/cleaning operations)

Applicable Compliance Method
If required, compliance with the visible emission limitation shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources").

F. Miscellaneous Requirements

None

Emissions Unit ID: **P902**

Modification Issued: 12/14/2006

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 - (P902) - Railcar loading operations

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	0.11 ton fugitive PE per year 0.01 ton fugitive PM10 per year Visible fugitive PE shall not exceed 20% opacity as a three-minute average 0.33 pounds PE per hour (from cyclone stack) 0.05 ton PE per year (from cyclone stack) 0.66 pounds PM10 per hour (from cyclone stack) 0.01 ton PM10 per year (from cyclone stack) Visible PE shall not exceed 20% opacity as a six-minute average (from the cyclone stack) Control requirements (see A.2.a)
OAC rule 3745-17-07(B)	see A.2.b
OAC rule 3745-17-08(B)	see A.2.c
OAC rule 3745-17-07(A)	see A.2.d
OAC rule 3745-17-11(B)	see A.2.e

2. Additional Terms and Conditions

2.a The "Best Available Technology" (BAT) control requirements for this emissions unit has been determined to be the use of an adjustable chute and a cyclone control system.

BAT also includes compliance with the terms and conditions of this permit.

2.b This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(B) pursuant to OAC rule 3745-17-07(B)(11)(e).

2.c Mid-Wood, Incorporated is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A), this emissions unit is exempt from the requirements of OAC rule 3745-17-08.

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

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

B. Operational Restrictions

1. The maximum annual grain throughput for emissions unit P902 shall not exceed 31,379 tons.

C. Monitoring and/or Record keeping Requirements

1. The permittee shall maintain monthly records of the amount of grain throughput for this emissions unit (in tons per month and total tons, to date for the calendar year).

2. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, (a) for any visible particulate emissions from the cyclone stack serving this emissions unit, and (b) for any visible fugitive particulate emissions from the railcar loading operations. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

a. the location and color of the emissions;

b. whether the emissions are representative of normal operations;

c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;

d. the total duration of any visible emission incident; and,

e. any corrective actions taken to eliminate the abnormal visible emissions.

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

D. Reporting Requirements

1. The permittee shall submit reports that summarize the total annual amount of grain throughput for this emissions unit. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

2. The permittee shall submit semiannual written reports that identify:

a. all days during which any abnormal visible particulate emissions were observed from the cyclone stack serving this emissions unit.

b. all days during which any abnormal visible fugitive particulate emissions were observed from the railcar loading operations.

The reports shall describe any corrective actions taken to eliminate the abnormal visible emissions. These reports shall be submitted to the Director (the Northwest District Office) by January 31 and July 31 of each year and shall cover the previous 6-month period.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of the terms and condition of this permit shall be determined in accordance with the following method(s):

a. <u>Emission Limitation:</u>

0.11 ton fugitive PE per year

Applicable Compliance Method
The emission limitation was developed by multiplying an AP-42 emission factor of 0.027 lbs PE/ton grain (Section 9.9.1 (3/2003)), a maximum annual grain throughput of 31,379 tons, a conversion factor of 1 ton/2000 lbs and applying a 75% control efficiency for control requirements (see A.2.a). Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual limitation will be assumed.

b. Emission Limitation:
0.01 ton fugitive PM10 per year

Applicable Compliance Method
The emission limitation was developed by multiplying an AP-42 emission factor of 0.0022 lbs PM10/ton grain (Section 9.9.1 (3/2003)), a maximum annual grain throughput of 31,379 tons, a conversion factor of 1 ton/2000 lbs and applying a 75% control efficiency for control requirements (see A.2.a). Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual limitation will be assumed.

c. Emission Limitation:
Visible fugitive PE shall not exceed 20% opacity as a three-minute average

Applicable Compliance Method
If required, compliance with the visible emission limitation shall be determined in accordance with Test Method 9 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, 2002, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

d. Emission Limitation:
0.33 pounds PE per hour from cyclone stack

Applicable Compliance Method
The emission limitation was developed by multiplying an AP-42 emission factor of 0.027 lbs PE/ton grain (Section 9.9.1 (3/2003)), a maximum hourly grain throughput of 98 tons and applying an overall control efficiency of 12.5% (25% capture & 50% cyclone control). If required, compliance with the hourly PE limitation shall be determined in accordance with Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

e. Emission Limitation:
0.05 ton PE per year (from the cyclone stack)

Applicable Compliance Method:
The emission limitation was developed by multiplying an AP-42 emission factor of 0.027 lbs PE/ton grain (Section 9.9.1 (3/2003)), a maximum annual grain throughput of 31,379 tons, a conversion factor of 1 ton/2000 lbs and applying an overall control efficiency of 12.5% (25% capture & 50% cyclone control). Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual limitation will be assumed.

f. Emission Limitation:
0.66 pounds PM10 per hour from cyclone stack

Applicable Compliance Method
The emission limitation is based on the assumption that the cyclone would not provide any control of PM10. The emission limitation was developed by multiplying an AP-42 emission factor of 0.027 lbs PM10/ton grain (Section 9.9.1 (3/2003)), a maximum hourly grain throughput of 98 tons and applying 25% capture efficiency for the collection system controlling the railcar loading operation. If required, compliance shall demonstrate compliance with the hourly PM10 limitation shall be determined in accordance with Methods 201/201A and 202 of 40 CFR Part 51, Appendix M. Alternative U.S. EPA approved test methods may be used with prior approval from the appropriate Ohio EPA District Office or local air agency.

g. Emission Limitation:
0.01 ton PM10 per year (from the cyclone stack)

Applicable Compliance Method
The emission limitation is based on the assumption that the cyclone would not provide any control of PM10. The emission limitation was developed by multiplying an AP-42 emission factor of 0.0022 lbs PM10/ton grain (Section 9.9.1 (3/2003)), a maximum annual grain throughput of 31,379 tons, a conversion factor of 1 ton/2000 lbs and applying 25% capture efficiency for the collection system controlling the railcar loading operation. Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual limitation will be assumed.

h. Emission Limitation:
Visible PE shall not exceed 20% opacity as a six-minute average (from the cyclone stack)

Applicable Compliance Method
If required, compliance with the visible emission limitation shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources").

F. Miscellaneous Requirements

None