



## INTERMEDIATE STATE PERMIT TO OPERATE

Under the authority of RSMo 643 and the Federal Clean Air Act the applicant is authorized to operate the air contaminant source(s) described below, in accordance with the laws, rules, and conditions set forth here in.

**Intermediate Operating Permit Number:** OP2008-046  
**Expiration Date:** OCT - 1 2013  
**Installation ID:** 143-0027  
**Project Number:** 2007-10-069

**Installation Name and Address**

Cargill, Inc. - New Madrid Elevator  
300 Level Road  
P.O. Box 307  
New Madrid, MO 63869  
New Madrid County

**Parent Company's Name and Address**

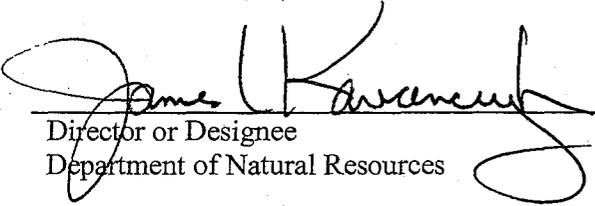
Cargill, Inc.  
P.O. Box 9300  
Minneapolis, MN 55440-9300

**Installation Description:**

Cargill, Inc. operates a grain elevator in New Madrid, Missouri. The New Madrid Elevator consists of three receiving pits, thirteen grain bins, and associated conveyors and legs.

OCT - 2 2008

Effective Date

  
Director or Designee  
Department of Natural Resources

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# I. Installation Description and Equipment Listing

## INSTALLATION DESCRIPTION

Cargill, Inc. operates a grain elevator with a permanent grain storage capacity of 3,238,000 bushels in New Madrid, Missouri. The New Madrid Elevator consist of three receiving pits, thirteen grain bins, and associated conveyors and legs. The installation has the potential to be a major source for particulate matter less than or equal to ten microns in aerodynamic diameter (PM<sub>10</sub>). However, the installation, in their Intermediate Operating Permit, is choosing to limit the plant wide emissions to less than 100 tons per year for PM<sub>10</sub>, on a twelve-month rolling average.

The reported actual emissions for the past five years for the installation are listed below:

Reported Air Pollutant Emissions, tons per year							
Year	Particulate Matter ≤ Ten Microns (PM-10)	Sulfur Oxides (SO <sub>x</sub> )	Nitrogen Oxides (NO <sub>x</sub> )	Volatile Organic Compounds( VOC)	Carbon Monoxide (CO)	Lead (Pb)	Hazardous Air Pollutants (HAPs)
2007	4.22	0.71	0.00	0.00	0.00	0.00	0.00
2006	8.03	0.00	0.59	0.03	0.50	0.00	0.00
2005	21.16	0.01	2.80	0.15	2.35	0.00	0.00
2004	31.10	0.04	6.26	0.34	5.26	0.00	0.00
2003	19.93	0.03	5.66	0.31	4.75	0.00	0.00

## EMISSION UNITS WITH LIMITATIONS

The following list provides a description of the equipment at this installation which emits air pollutants and identified as having unit-specific emission limitations.

Emission Unit #	EIQ Reference #	Description of Emission Unit	Make/Model	Installation Date
EU0010	EP-03B	Grain Dryer (New)	Zimmerman/ AP-4000	1991
EU0020	EP-11	Barge Loading	High Roller	1998
EU0030 — EU0070	EP-12	Five (5) Storage Bins (vent)	Not Applicable	1962, 1966, 1972, 1978, 2006
EU0090 — EU0100	EP-14	Receiving Pit #1 and Receiving Pit #2	Not Applicable	1962 & 1983
EU0110 — EU0120	EP-14	Receiving Leg #2 and Enclosed Conveyors	High Roller	1983
EU0140	EP-18	Enclosed Conveyor	High Roller	1998
EU0150	EP-19	Enclosed Conveyor	High Roller	1998
EU0160	EP-19	Enclosed Conveyor	High Roller	1998
EU0210	EU-5A	Receiving Pit #3	Not Applicable	2005

Emission Unit #	EQ Reference #	Description of Emission Unit	Make/Model	Installation Date
EU0220	EU-5B	Enclosed Belt Conveyor	Not Applicable	2005
EU0230	EU-5C	Enclosed Bucket Elevator Leg	Not Applicable	2005
EU0240	EU-5D	Enclosed Header Conveyor A	Not Applicable	2005
EU0250	EU-5E	Enclosed Header Conveyor B	Not Applicable	2005
EU0260	EU-5F	Enclosed Header Conveyor C	Not Applicable	2005
EU0270	EU-6A	Enclosed Reclaim Belt Conveyor A	Not Applicable	2005
EU0280	EU-6B	Enclosed Reclaim Belt Conveyor B	Not Applicable	2005
EU0290	EP-25	Enclosed Drag Conveyor A	Not Applicable	2005
EU0300	EP-26	Enclosed Drag Conveyor B	Not Applicable	2005
EU0310	EP-27	Truck Loading (for shipments)	Not Applicable	2007
EU0320	EP-51	Grain Bunker – Grain Receiving - Straight Truck	Not Applicable	2007
EU0330	EP-52	Grain Bunker – Grain Receiving - Hopper Truck	Not Applicable	2007
EU0340	EP-53	Grain Bunker – Grain Handling	Not Applicable	2007
EU0350	EP-54	Grain Bunker – Grain Dropping onto Pile	Not Applicable	2007
EU0360	EP-55	Grain Bunker – Truck Loading	Not Applicable	2007
EU0370	EP-56	Grain Bunker – Haul Road	Not Applicable	2007

**EMISSION UNITS WITHOUT LIMITATIONS**

The following list provides a description of the equipment which does not have unit specific limitations at the time of permit issuance.

Emission Unit #	EQ Reference #	Description of Emission Unit
EU0080	EP-13	Receiving Leg #1 – Conveying grain from receiving pit #1 to bins, Constructed 1962
EU0130	EP-15	Two (2) Open Conveyor – Move grain from receiving #1 and #2 to bins; Constructed 1966 & 1972
EU0170	EP-20	Truck Loading – Loading truck with grain for shipment; Constructed 1962
EU0180	EP-21A	Haul Road (Gravel)
EU0190	EP-21A	Haul Road (Paved)
EU0200	EP-22	Portable Auger Conveyor to load grain into trucks; Constructed 1962

**DOCUMENTS INCORPORATED BY REFERENCE**

This permit incorporates the following documents by reference:

- 1) Construction Permit 0990-008A, Issued August 26, 1997;
- 2) Construction Permit 0798-022, Issued June 12, 1998;
- 3) Construction Permit 052005-002, Issued May 4, 2005;
- 4) Construction Permit 052007-013, Issued May 31, 2007

## II. Plant Wide Emission Limitations

The installation shall comply with each of the following emission limitations. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect on the date of permit issuance.

**Permit Condition PW001**

**10 CSR 10-6.065**

**Operating Permits**

**10 CSR 10-6.065(2)(C) and 10 CSR 10-6.065(5)(A) Voluntary Limitation(s)**

**Emission Limitation:**

The Permittee shall emit into the atmosphere less than 100 tons of particulate matter less than or equal to ten microns in aerodynamic diameter (PM<sub>10</sub>) from the entire installation in any consecutive twelve-month period.

**Monitoring/Recordkeeping:**

The permittee shall maintain an accurate record of emissions of PM<sub>10</sub> emitted into the atmosphere from this installation. The permittee shall record the monthly and running twelve-month totals of the PM<sub>10</sub> emissions from this installation. Example form is attached as Attachment A (Plant-Wide Emissions Tracking Record). The permittee may use this form, or forms of its own, so long as the forms used will accurately demonstrate compliance with the PM<sub>10</sub> emission limitation (less than 100 tons in any consecutive twelve-month period of PM<sub>10</sub>).

**Reporting:**

The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri, 65102, no later than ten days after any deviation from or exceedance of any of the terms imposed by this permit condition, or any malfunction which causes a deviation from or exceedance of this permit condition.

### III. Emission Unit Specific Emission Limitations

The installation shall comply with each of the following emission limitations. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect on the date of permit issuance.

EU0010 - Grain Dryer			
Emission Unit	Description	Manufacturer/Model #	2006 EIQ Reference #
EU0010	Grain Dryer – Column Grain Dryer, 42 MMBtu/hr Natural Gas-fired	Zimmerman/AP-4000	EP-03B

<p style="text-align: center;"><b>Permit Condition EU0010-001</b> <b>10 CSR 10-6.070</b> <b>New Source Performance Regulations</b> <b>40 CFR Part 60, Subpart DD</b> <b>Standards of Performance for Grain Elevators</b></p>
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**Emission Limitation:**

*Standards for particulate matter [§60.302]:*

No owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere any gases which exhibit greater than 0 percent opacity from any column dryer with column plate perforation exceeding 2.4 mm diameter (ca. 0.094 inch): [§60.302(a)]

**Test Methods and Procedures [§60.303]:**

Method 9 and the procedures in §60.11 shall be used to determine opacity. [§60.303(b)(3)]

**Monitoring:**

- 1) The permittee shall conduct opacity readings on this emission unit using the procedures contained in U.S. EPA Test Method 22. At a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind and the presence of uncombined water. Readings are only required when the emission unit is operating and when the weather conditions allow. If no visible or other significant emissions are observed using these procedures, then no further observations would be required. For emission units with visible emissions perceived or believed to exceed the applicable opacity standard, the source representative would then conduct a Method 9 observation.
- 2) The following monitoring schedule must be maintained:
  - a) Weekly observations shall be conducted for a minimum of eight consecutive weeks after permit issuance. Should no violation of this regulation be observed during this period then-
  - b) Observations must be made once every two weeks for a period of eight weeks. If a violation is noted, monitoring reverts to weekly. Should no violation of this regulation be observed during this period then-
  - c) Observations must be made once per month. If a violation is noted, monitoring reverts to weekly.
- 3) If the source reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner from the initial monitoring frequency
- 4) The permittee shall conduct an annual opacity measurement on the emission units by U.S. EPA Test Method 9 with a certified Method 9 observer using the test methods and procedures described above.

**Recordkeeping:**

- 1) The permittee shall maintain records of all observation results (see Attachment B or C), noting:
  - a) Whether any air emissions (except for water vapor) were visible from the emission units,
  - b) All emission units from which visible emissions occurred, and
  - c) Whether the visible emissions were normal for the process.
  - d) The permittee shall maintain records of any equipment malfunctions.
- 2) The permittee shall maintain records of any other Method 9 test performed in accordance with this permit condition. (See Attachment D)
- 3) Attachments B or C, and D contain logs including these record keeping requirements. These logs, or an equivalent created by the permittee, must be used to certify compliance with this requirement.

**Reporting:**

- 1) The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri, 65102, no later than ten days after the permittee determined using the Method 9 test that the emission unit(s) exceeded the opacity limit.
- 2) Reports of any deviations from monitoring, record keeping and reporting requirements of this permit condition shall be submitted annually in the annual compliance certification and monitoring report, as required by Section V of this permit.

**Permit Condition EU0010-002**

**10 CSR 10-6.060 Construction Permits Required  
Construction Permit 0990-008A, Issued August 26, 1997**

**Emission Limitation:**

Cargill, Inc. - New Madrid Elevator, shall not discharge into the atmosphere from this grain dryer (EU0010) particulate matter less than ten microns (PM<sub>10</sub>) in excess of eleven tons in any consecutive twelve-month period.

**Monitoring/Recordkeeping:**

Cargill, Inc. - New Madrid Elevator, shall maintain an accurate record of emissions of PM<sub>10</sub> emitted into the atmosphere from this emission unit. Cargill, Inc. - New Madrid Elevator shall record the monthly and running twelve-month totals of PM<sub>10</sub> emissions from this emission unit. Cargill, Inc. - New Madrid Elevator shall maintain records on-site for the most recent sixty months of all records required by this permit and shall immediately make such records available to any Missouri Department of Natural Resources' personnel upon request.

**Reporting:**

Cargill, Inc. - New Madrid Elevator shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri, 65102, no later than ten days after the end of each month, if the twelve-month cumulative total records show that the source exceeded the PM<sub>10</sub> emission limitation.

EU0020 – Barge Loading			
Emission Unit	Description	Manufacturer/Model #	2006 EIQ Reference #
EU0020	Barge Loading – Telescoping spout used to load grain into barges, Constructed 1998, Connected to a baghouse (fabric filter) identified as CD3	High Roller	EP-14

**Permit Condition EU0020-001**  
**10 CSR 10-6.070**  
**New Source Performance Regulations**  
**40 CFR Part 60, Subpart DD**  
**Standards of Performance for Grain Elevators**

**Emission Limitation:**

*Standards for particulate matter [§60.302]:*

- 1) On and after the date on which the performance test required to be conducted by §60.8 is completed, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any affected facility except a grain dryer any process emission which: [§60.302(b)]
  - a) Contains particulate matter in excess of 0.023 gram per dry cubic meter at standard conditions (g/dscm) (ca. 0.01 grain per dry cubic feet at standard conditions (gr/dscf)). [§60.302(b)(1)]
  - b) Exhibits greater than zero percent opacity. [§60.302(b)(2)]
- 2) No owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere any fugitive emissions from any barge loading station which exhibits greater than twenty percent opacity. [§60.302(c)(4)]

**Test Methods and Procedures [§60.303]:**

- 1) In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures the test methods in Appendix A of 40 CFR Part 60, or other methods and procedures as specified in §60.303, except as provided in §60.8(b). Acceptable alternative methods and procedures are given in §60.303(c). [§60.303(a)]
- 2) The owner or operator shall determine compliance with the particulate matter standards in §60.302 as follows: [§60.303(b)]
  - a) Method 5 shall be used to determine the particulate matter concentration and the volumetric flow rate of the effluent gas. The sampling time and sample volume for each run shall be at least sixty minutes and 1.70 dscm (60 dscf). The probe and filter holder shall be operated without heaters. [§60.303(b)(1)]
  - b) Method 2 shall be used to determine the ventilation volumetric flow rate. [§60.303(b)(2)]
  - c) Method 9 and the procedures in §60.11 shall be used to determine opacity. [§60.303(b)(3)]
- 3) The owner or operator may use the following as alternatives to the reference methods and procedures specified in §60.303: [§60.303(c)]
  - a) For Method 5, Method 17 may be used.

**Monitoring:**

- 1) The permittee shall conduct opacity readings on this emission unit using the procedures contained in U.S. EPA Test Method 22. At a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind and the presence of uncombined water. Readings are only required when the emission unit is operating and when the weather conditions allow. If no visible or other significant emissions are observed using these procedures, then no further observations would be required. For emission units with visible

emissions perceived or believed to exceed the applicable opacity standard, the source representative would then conduct a Method 9 observation.

- 2) The following monitoring schedule must be maintained:
  - a) Weekly observations shall be conducted for a minimum of eight consecutive weeks after permit issuance. Should no violation of this regulation be observed during this period then-
  - b) Observations must be made once every two weeks for a period of eight weeks. If a violation is noted, monitoring reverts to weekly. Should no violation of this regulation be observed during this period then-
  - c) Observations must be made once per month. If a violation is noted, monitoring reverts to weekly.
- 3) If the source reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner from the initial monitoring frequency
- 4) The permittee shall conduct an annual opacity measurement on the emission units by U.S. EPA Test Method 9 with a certified Method 9 observer using the test methods and procedures described above.

**Recordkeeping:**

- 1) The permittee shall maintain records of all observation results (see Attachment B or C), noting:
  - a) Whether any air emissions (except for water vapor) were visible from the emission units,
  - b) All emission units from which visible emissions occurred, and
  - c) Whether the visible emissions were normal for the process.
  - d) The permittee shall maintain records of any equipment malfunctions.
- 2) The permittee shall maintain records of any other Method 9 test performed in accordance with this permit condition. (See Attachment D)
- 3) Attachments B or C, and D contain logs including these record keeping requirements. These logs, or an equivalent created by the permittee, must be used to certify compliance with this requirement.

**Reporting:**

- 1) The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri, 65102, no later than ten days after the permittee determined using the Method 9 test that the emission unit(s) exceeded the opacity limit.
- 2) Reports of any deviations from monitoring, record keeping and reporting requirements of this permit condition shall be submitted annually in the annual compliance certification and monitoring report, as required by Section V of this permit.

**Permit Condition EU0020-002**

**10 CSR 10-6.060 Construction Permits Required  
Construction Permit 0798-022, Issued June 12, 1998**

**Emission Limitation:**

Cargill, Inc. - New Madrid Elevator. shall not emit into the atmosphere more than 7.61 tons of particulate matter less than ten microns (PM<sub>10</sub>) from the barge loading (EU0020) and enclosed river belt conveyors (EU0140, EU0150 and EU0160) in any consecutive twelve-month period.

**Monitoring/Recordkeeping:**

Cargill, Inc. - New Madrid Elevator shall maintain an accurate record of emissions of PM<sub>10</sub> emitted into the atmosphere from this emission unit. Cargill, Inc. - New Madrid Elevator shall record the monthly and running twelve-month totals of PM<sub>10</sub> emissions from EU0020, EU0140, EU0150 and EU0160. Cargill, Inc. - New Madrid Elevator shall maintain records on-site for the most recent sixty months of all records required by this permit and shall immediately make such records available to any Missouri Department of Natural Resources' personnel upon request.

**Reporting:**

Cargill, Inc. - New Madrid Elevator shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri, 65102, no later than ten days after the end of each month, if the twelve-month cumulative total records show that the source exceeded the PM<sub>10</sub> emission limitation.

<b>EU0030 through EU0070 – Storage Bins (Vent)</b>			
Vents on top of storage bins to allow the bins to breath during adding and removing grain			
Emission Unit	Description	Manufacturer/Model #	2006 EQ Reference #
EU0030	Storage Bin (Vent), Constructed 1962	Not Applicable	EP-12
EU0040	Storage Bin (Vent), Constructed 1966	Not Applicable	
EU0050	Storage Bin (Vent), Constructed 1972	Not Applicable	
EU0060	Storage Bin (Vent), Constructed 1978	Not Applicable	
EU0070	Storage Bin (Vent), Constructed 2006	Not Applicable	

**Permit Condition EU0030-001 through EU0070-001**  
**10 CSR 10-6.060 Construction Permits Required**  
**Construction Permit 052005-002, Issued May 4, 2005**

**Emission Limitation:**

Cargill, Inc. – New Madrid Elevator shall emit less than fifteen tons of particulate matter less than ten microns (PM<sub>10</sub>) in any consecutive twelve-month period from the storage bin vents (EU0030, EU0040, EU0050, EU0060 and EU0070), receiving pit number 3 (EU0210), enclosed conveyors and bucket elevator (EU0220, EU0230, EU0240, EUEU0250, EU0260, EU0270, EU0280, EU0290, and EU0300) and truck loading (EU0310).

**Monitoring/Recordkeeping:**

Cargill, Inc. - New Madrid Elevator shall maintain an accurate record of emissions of PM<sub>10</sub> emitted into the atmosphere from EU0030, EU0040, EU0050, EU0060, EU0070, EU0210, EU0220, EU0230, EU0240, EUEU0100, EU02020, EU0270, EU0280, EU0290, EU0300 and EU0310. Cargill, Inc. - New Madrid Elevator shall record the monthly and running twelve-month totals of PM<sub>10</sub> emissions from EU0030, EU0040, EU0050, EU0060, EU0070, EU0210, EU0220, EU0230, EU0240, EUEU0250, EU0260, EU0270, EU0280, EU0290, EU0300 and EU0310. Cargill, Inc. - New Madrid Elevator shall maintain records on-site for the most recent sixty months of all records required by this permit and shall immediately make such records available to any Missouri Department of Natural Resources' personnel upon request.

**Reporting:**

Cargill, Inc. - New Madrid Elevator shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri, 65102, no later than ten days after the end of each month, if the twelve-month cumulative total records show that the source exceeded the PM<sub>10</sub> emission limitation.

**Permit Condition EU0060-002 through EU0070-002**

**10 CSR 10-6.070**

**New Source Performance Regulations**

**40 CFR Part 60, Subpart DD**

**Standards of Performance for Grain Elevators**

**Emission Limitation:**

*Standards for particulate matter [§60.302]:*

No owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere any fugitive emission from any grain handling operation which exhibits greater than zero percent opacity. [§60.302(c)(2)]

**Test Methods and Procedures [§60.303]:**

Method 9 and the procedures in §60.11 shall be used to determine opacity. [§60.303(b)(3)]

**Monitoring:**

- 1) The permittee shall conduct opacity readings on this emission unit using the procedures contained in U.S. EPA Test Method 22. At a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind and the presence of uncombined water. Readings are only required when the emission unit is operating and when the weather conditions allow. If no visible or other significant emissions are observed using these procedures, then no further observations would be required. For emission units with visible emissions perceived or believed to exceed the applicable opacity standard, the source representative would then conduct a Method 9 observation.
- 2) The following monitoring schedule must be maintained:
  - a) Weekly observations shall be conducted for a minimum of eight consecutive weeks after permit issuance. Should no violation of this regulation be observed during this period then-
  - b) Observations must be made once every two weeks for a period of eight weeks. If a violation is noted, monitoring reverts to weekly. Should no violation of this regulation be observed during this period then-
  - c) Observations must be made once per month. If a violation is noted, monitoring reverts to weekly.
- 3) If the source reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner from the initial monitoring frequency
- 4) The permittee shall conduct an annual opacity measurement on the emission units by U.S. EPA Test Method 9 with a certified Method 9 observer using the test methods and procedures described above.

**Recordkeeping:**

- 1) The permittee shall maintain records of all observation results (see Attachment B or C), noting:
  - a) Whether any air emissions (except for water vapor) were visible from the emission units,
  - b) All emission units from which visible emissions occurred, and
  - c) Whether the visible emissions were normal for the process.
  - d) The permittee shall maintain records of any equipment malfunctions.
- 2) The permittee shall maintain records of any other Method 9 test performed in accordance with this permit condition. (See Attachment D)
- 3) Attachments B or C, and D contain logs including these record keeping requirements. These logs, or an equivalent created by the permittee, must be used to certify compliance with this requirement.

**Reporting:**

- 1) The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri, 65102, no later than ten days after the permittee determined using the Method 9 test that the emission unit(s) exceeded the opacity limit.

- 2) Reports of any deviations from monitoring, record keeping and reporting requirements of this permit condition shall be submitted annually in the annual compliance certification and monitoring report, as required by Section V of this permit.

EU0090 – Receiving Pit #1			
Emission Unit	Description	Manufacturer/Model #	2006 EIQ Reference #
EU0090	Receiving Pit #1 – Grain receiving to unload grain from straight truck and hopper truck, Constructed 1962, Connected to a baghouse (fabric filter) identified as CD2	Not Applicable	EP-14

<p style="text-align: center;"><b>Permit Condition EU0090-001</b> <b>10 CSR 10-6.220</b> <b>Restriction of Emission of Visible Air Contaminants</b></p>
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**Emission Limitation:**

- 1) No owner or other person shall cause or permit emissions to be discharged into the atmosphere from any existing<sup>1</sup> source any visible emissions with an opacity greater than forty percent.
- 2) Exception:  
A person may discharge into the atmosphere from any source of emissions for a period(s) aggregating not more than six minutes in any sixty minutes air contaminants with an opacity up to sixty percent.

**Monitoring:**

- 1) The permittee shall conduct opacity readings on the emission unit(s) using the procedures contained in U.S. EPA Test Method 22. At a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind and the presence of uncombined water. Readings are only required when the emission unit(s) is operating and when the weather conditions allow. If no visible or other significant emissions are observed using these procedures, then no further observations would be required. For emission units with visible emissions perceived or believed to exceed the applicable opacity standard, the source representative shall implement corrective actions within a reasonable period.
- 2) The following monitoring schedule must be maintained:
  - a) Weekly observations shall be conducted for a minimum of eight consecutive weeks after permit issuance. Should no violation of this regulation be observed during this period then-
  - b) Observations must be made once every two weeks for a period of eight weeks. If a violation is noted, monitoring reverts to weekly. Should no violation of this regulation be observed during this period then-
  - c) Observations must be made once per month. If a violation is noted, monitoring reverts to weekly.
- 3) If the source reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner from the initial monitoring frequency.

<sup>1</sup> Existing source-any equipment, machine, device, article, contrivance or installation installed or in construction in the outstate Missouri area on February 24, 1971, or in the Springfield metropolitan area on September 24, 1971. Exception: If the source is altered, repaired, or rebuilt at a cost of fifty percent (50%) or more of its replacement cost exclusive of routine maintenance, it shall no longer be existing, but shall be considered new as defined in this regulation.

**Recordkeeping:**

- 1) The permittee shall maintain records of all observation results (see Attachment B or C), noting:
  - a) Whether any air emissions (except for water vapor) were visible from the emission units,
  - b) All emission units from which visible emissions occurred, and
  - c) Whether the visible emissions were normal for the process.
  - d) The permittee shall maintain records of any equipment malfunctions.
- 2) The permittee shall maintain records of any other Method 9 test performed in accordance with this permit condition. (See Attachment D)
- 3) Attachments B or C, and D contain logs including these record keeping requirements. These logs, or an equivalent created by the permittee, must be used to certify compliance with this requirement.

**Reporting:**

- 1) The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri, 65102, no later than ten days after the permittee determined using the Method 9 test that the emission unit(s) exceeded the opacity limit.
- 2) Reports of any deviations from monitoring, record keeping and reporting requirements of this permit condition shall be submitted annually in the annual compliance certification and monitoring report, as required by Section V of this permit.

<b>EU0100 – Receiving Pit #2</b>			
Emission Unit	Description	Manufacturer/Model #	2006 EIQ Reference #
EU0100	Receiving Pit #2 – Grain receiving to unload grain from straight truck and hopper truck; Constructed 1983; Connected to a baghouse (fabric filter) identified as CD2	Not Applicable	EP-14

**Permit Condition EU0100-001**  
**10 CSR 10-6.070**  
**New Source Performance Regulations**  
**40 CFR Part 60, Subpart DD**  
**Standards of Performance for Grain Elevators**

**Emission Limitation:**

*Standards for particulate matter [§60.302]:*

- 1) On and after the date on which the performance test required to be conducted by §60.8 is completed, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any affected facility except a grain dryer any process emission which: [§60.302(b)]
  - a) Contains particulate matter in excess of 0.023 g/dscm (ca. 0.01 gr/dscf). [§60.302(b)(1)]
  - b) Exhibits greater than zero percent opacity. [§60.302(b)(2)]
- 2) No owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere any fugitive emission from individual truck unloading station which exhibits greater than five percent opacity. [§60.302(c)(1)]

**Test Methods and Procedures [§60.303]:**

- 1) In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures, the test methods in Appendix A of 40 CFR Part 60 or other methods and procedures as specified in §60.303, except as provided in §60.8(b). Acceptable alternative methods and procedures are given in §60.303(c). [§60.303(a)]

- 2) The owner or operator shall determine compliance with the particulate matter standards in §60.302 as follows:  
[§60.303(b)]
  - a) Method 5 shall be used to determine the particulate matter concentration and the volumetric flow rate of the effluent gas. The sampling time and sample volume for each run shall be at least sixty minutes and 1.70 dscm (60 dscf). The probe and filter holder shall be operated without heaters. [§60.303(b)(1)]
  - b) Method 2 shall be used to determine the ventilation volumetric flow rate. [§60.303(b)(2)]
  - c) Method 9 and the procedures in §60.11 shall be used to determine opacity. [§60.303(b)(3)]
- 3) The owner or operator may use the following as alternatives to the reference methods and procedures specified in §60.303: [§60.303(c)]
  - a) For Method 5, Method 17 may be used.

**Monitoring:**

- 1) The permittee shall conduct opacity readings on this emission unit using the procedures contained in U.S. EPA Test Method 22. At a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind and the presence of uncombined water. Readings are only required when the emission unit is operating and when the weather conditions allow. If no visible or other significant emissions are observed using these procedures, then no further observations would be required. For emission units with visible emissions perceived or believed to exceed the applicable opacity standard, the source representative would then conduct a Method 9 observation.
- 2) The following monitoring schedule must be maintained:
  - a) Weekly observations shall be conducted for a minimum of eight consecutive weeks after permit issuance. Should no violation of this regulation be observed during this period then-
  - b) Observations must be made once every two weeks for a period of eight weeks. If a violation is noted, monitoring reverts to weekly. Should no violation of this regulation be observed during this period then-
  - c) Observations must be made once per month. If a violation is noted, monitoring reverts to weekly.
- 3) If the source reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner from the initial monitoring frequency
- 4) The permittee shall conduct an annual opacity measurement on the emission units by U.S. EPA Test Method 9 with a certified Method 9 observer using the test methods and procedures described above.

**Recordkeeping:**

- 1) The permittee shall maintain records of all observation results (see Attachment B or C), noting:
  - a) Whether any air emissions (except for water vapor) were visible from the emission units,
  - b) All emission units from which visible emissions occurred, and
  - c) Whether the visible emissions were normal for the process.
  - d) The permittee shall maintain records of any equipment malfunctions.
- 2) The permittee shall maintain records of any other Method 9 test performed in accordance with this permit condition. (See Attachment D)
- 3) Attachments B or C, and D contain logs including these record keeping requirements. These logs, or an equivalent created by the permittee, must be used to certify compliance with this requirement.

**Reporting:**

- 1) The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri, 65102, no later than ten days after the permittee determined using the Method 9 test that the emission unit(s) exceeded the opacity limit.
- 2) Reports of any deviations from monitoring, record keeping and reporting requirements of this permit condition shall be submitted annually in the annual compliance certification and monitoring report, as required by Section V of this permit.

EU0110 through EU0120 – Receiving Leg #2 and Enclosed Conveyors			
Emission Unit	Description	Manufacturer/Model #	2006 EIQ Reference #
EU0110	Receiving Leg #2 – Move grain from receiving pit #1 and #2 to bins; Constructed 1983; Connected to a baghouse (fabric filter) identified as CD2	High Roller	EP-14
EU0120	Enclosed Conveyors – Move grain from receiving pit #1 and #2 to bins; Constructed 1983; Connected to a baghouse (fabric filter) identified as CD2		

**Permit Condition EU0110-001 through EU0120-001**  
**10 CSR 10-6.070**  
**New Source Performance Regulations**  
**40 CFR Part 60, Subpart DD**  
**Standards of Performance for Grain Elevators**

**Emission Limitation:**

*Standards for particulate matter [§60.302]:*

On and after the date on which the performance test required to be conducted by §60.8 is completed, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any affected facility except a grain dryer any process emission which: [§60.302(b)]

- 1) Contains particulate matter in excess of 0.023 g/dscm (ca. 0.01 gr/dscf). [§60.302(b)(1)]
- 2) Exhibits greater than zero percent opacity. [§60.302(b)(2)]

**Test Methods and Procedures [§60.303]:**

- 1) In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures the test methods in Appendix A of 40 CFR Part 60 or other methods and procedures as specified in §60.303, except as provided in §60.8(b). Acceptable alternative methods and procedures are given in §60.303(c). [§60.303(a)]
- 2) The owner or operator shall determine compliance with the particulate matter standards in §60.302 as follows: [§60.303(b)]
  - a) Method 5 shall be used to determine the particulate matter concentration and the volumetric flow rate of the effluent gas. The sampling time and sample volume for each run shall be at least sixty minutes and 1.70 dscm (60 dscf). The probe and filter holder shall be operated without heaters. [§60.303(b)(1)]
  - b) Method 2 shall be used to determine the ventilation volumetric flow rate. [§60.303(b)(2)]
  - c) Method 9 and the procedures in §60.11 shall be used to determine opacity. [§60.303(b)(3)]
- 3) The owner or operator may use the following as alternatives to the reference methods and procedures specified in §60.303: [§60.303(c)]
  - a) For Method 5, Method 17 may be used.

**Monitoring:**

- 1) The permittee shall conduct opacity readings on this emission unit using the procedures contained in U.S. EPA Test Method 22. At a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind and the presence of uncombined water. Readings are only required when the emission unit is operating and when the weather conditions allow. If no visible or other significant emissions are observed using these procedures, then no further observations would be required. For emission units with visible

emissions perceived or believed to exceed the applicable opacity standard, the source representative would then conduct a Method 9 observation.

- 2) The following monitoring schedule must be maintained:
  - a) Weekly observations shall be conducted for a minimum of eight consecutive weeks after permit issuance. Should no violation of this regulation be observed during this period then-
  - b) Observations must be made once every two weeks for a period of eight weeks. If a violation is noted, monitoring reverts to weekly. Should no violation of this regulation be observed during this period then-
  - c) Observations must be made once per month. If a violation is noted, monitoring reverts to weekly.
- 3) If the source reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner from the initial monitoring frequency
- 4) The permittee shall conduct an annual opacity measurement on the emission units by U.S. EPA Test Method 9 with a certified Method 9 observer using the test methods and procedures described above.

**Recordkeeping:**

- 1) The permittee shall maintain records of all observation results (see Attachment B or C), noting:
  - a) Whether any air emissions (except for water vapor) were visible from the emission units,
  - b) All emission units from which visible emissions occurred, and
  - c) Whether the visible emissions were normal for the process.
  - d) The permittee shall maintain records of any equipment malfunctions.
- 2) The permittee shall maintain records of any other Method 9 test performed in accordance with this permit condition. (See Attachment D)
- 3) Attachments B or C, and D contain logs including these record keeping requirements. These logs, or an equivalent created by the permittee, must be used to certify compliance with this requirement.

**Reporting:**

- 1) The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri, 65102, no later than ten days after the permittee determined using the Method 9 test that the emission unit(s) exceeded the opacity limit.
- 2) Reports of any deviations from monitoring, record keeping and reporting requirements of this permit condition shall be submitted annually in the annual compliance certification and monitoring report, as required by Section V of this permit.

<b>EU0140 through EU0160 – Enclosed Conveyors</b>			
<b>Emission Unit</b>	<b>Description</b>	<b>Manufacturer/Model #</b>	<b>2006 EIQ Reference #</b>
EU0140	Enclosed Conveyor – Used to move grain to bins, dryer, or barge loading; Constructed 1998; Connected to a baghouse (fabric filter) identified as CD3	High Roller	EP-18
EU0150	Enclosed Conveyor – Used to move grain to bins, dryer, or barge loading; Constructed 1998; Connected to a baghouse (fabric filter) identified as CD3	High Roller	EP-19
EU0160	Enclosed Conveyor – Used to move grain to bins, dryer, or barge loading; Constructed 1998; Connected to a baghouse (fabric filter) identified as CD3	High Roller	EP-19

**Permit Condition EU0140-001 through EU0160-001**  
**10 CSR 10-6.070**  
**New Source Performance Regulations**  
**40 CFR Part 60, Subpart DD**  
**Standards of Performance for Grain Elevators**

**Emission Limitation:**

*Standards for particulate matter [§60.302]:*

On and after the date on which the performance test required to be conducted by §60.8 is completed, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any affected facility except a grain dryer any process emission which: [§60.302(b)]

- 1) Contains particulate matter in excess of 0.023 g/dscm (ca. 0.01 gr/dscf). [§60.302(b)(1)]
- 2) Exhibits greater than zero percent opacity. [§60.302(b)(2)]

**Test Methods and Procedures [§60.303]:**

- 1) In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures the test methods in Appendix A of 40 CFR Part 60 or other methods and procedures as specified in §60.303, except as provided in §60.8(b). Acceptable alternative methods and procedures are given in §60.303(c). [§60.303(a)]
- 2) The owner or operator shall determine compliance with the particulate matter standards in §60.302 as follows: [§60.303(b)]
  - a) Method 5 shall be used to determine the particulate matter concentration and the volumetric flow rate of the effluent gas. The sampling time and sample volume for each run shall be at least sixty minutes and 1.70 dscm (60 dscf). The probe and filter holder shall be operated without heaters. [§60.303(b)(1)]
  - b) Method 2 shall be used to determine the ventilation volumetric flow rate. [§60.303(b)(2)]
  - c) Method 9 and the procedures in §60.11 shall be used to determine opacity. [§60.303(b)(3)]
- 3) The owner or operator may use the following as alternatives to the reference methods and procedures specified in §60.303: [§60.303(c)]
  - a) For Method 5, Method 17 may be used.

**Monitoring:**

- 1) The permittee shall conduct opacity readings on this emission unit using the procedures contained in U.S. EPA Test Method 22. At a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind and the presence of uncombined water. Readings are only required when the emission unit

is operating and when the weather conditions allow. If no visible or other significant emissions are observed using these procedures, then no further observations would be required. For emission units with visible emissions perceived or believed to exceed the applicable opacity standard, the source representative would then conduct a Method 9 observation.

- 2) The following monitoring schedule must be maintained:
  - a) Weekly observations shall be conducted for a minimum of eight consecutive weeks after permit issuance. Should no violation of this regulation be observed during this period then-
  - b) Observations must be made once every two weeks for a period of eight weeks. If a violation is noted, monitoring reverts to weekly. Should no violation of this regulation be observed during this period then-
  - c) Observations must be made once per month. If a violation is noted, monitoring reverts to weekly.
- 3) If the source reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner from the initial monitoring frequency
- 4) The permittee shall conduct an annual opacity measurement on the emission units by U.S. EPA Test Method 9 with a certified Method 9 observer using the test methods and procedures described above.

**Recordkeeping:**

- 1) The permittee shall maintain records of all observation results (see Attachment B or C), noting:
  - a) Whether any air emissions (except for water vapor) were visible from the emission units,
  - b) All emission units from which visible emissions occurred, and
  - c) Whether the visible emissions were normal for the process.
  - d) The permittee shall maintain records of any equipment malfunctions.
- 2) The permittee shall maintain records of any other Method 9 test performed in accordance with this permit condition. (See Attachment D)
- 3) Attachments B or C, and D contain logs including these record keeping requirements. These logs, or an equivalent created by the permittee, must be used to certify compliance with this requirement.

**Reporting:**

- 1) The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri, 65102, no later than ten days after the permittee determined using the Method 9 test that the emission unit(s) exceeded the opacity limit.
- 2) Reports of any deviations from monitoring, record keeping and reporting requirements of this permit condition shall be submitted annually in the annual compliance certification and monitoring report, as required by Section V of this permit.

**Permit Condition EU0140-002 through EU0160-002**

**10 CSR 10-6.060 Construction Permits Required  
Construction Permit 0798-022, Issued June 12, 1998**

**Emission Limitation:**

Cargill, Inc. - New Madrid Elevator shall not emit into the atmosphere more than 7.61 tons of particulate matter less than ten microns (PM<sub>10</sub>) from the enclosed river belt conveyors (EU0140, EU0150 and EU0160) and barge loading (EU0020) in any consecutive twelve-month period.

**Monitoring/Recordkeeping:**

Cargill, Inc. - New Madrid Elevator shall maintain an accurate record of emissions of PM<sub>10</sub> emitted into the atmosphere from EU0020, EU0140, EU0150 and EU0160. Cargill, Inc. - New Madrid Elevator shall record the monthly and running twelve-month totals of PM<sub>10</sub> emissions from EU0020, EU0140, EU0150 and EU0160. Cargill, Inc. - New Madrid Elevator shall maintain records on-site for the most recent sixty months of all records required by this permit and shall immediately make such records available to any Missouri Department of Natural Resources' personnel upon request.

**Reporting:**

Cargill, Inc. - New Madrid Elevator shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri, 65102, no later than ten (10) days after the end of each month, if the twelve-month cumulative total records show that the source exceeded the PM<sub>10</sub> emission limitation.

<b>EU0210 through EU0310 – Receiving Pit #3, Enclosed Conveyors and Truck Loading</b>			
<b>Emission Unit</b>	<b>Description</b>	<b>Manufacturer/Model #</b>	<b>2006 EIQ Reference #</b>
EU0210	Receiving Pit #3 – Grain receiving to unload grain from straight truck; Constructed 2005; Connected to a baghouse (fabric filter) identified as CD5	Not Applicable	EU-5A
EU0220	Enclosed Belt Conveyor - Used to move grain to bins, dryer, or barge loading; Constructed 2005; Connected to a baghouse (fabric filter) identified as CD5	Not Applicable	EU-5B
EU0230	Enclosed Bucket Elevator Leg - Used to move grain to bins, dryer, or barge loading; Constructed 2005; Connected to a baghouse (fabric filter) identified as CD5	Not Applicable	EU-5C
EU0240	Enclosed Header Conveyor A - Used to move grain to bins, dryer, or barge loading; Constructed 2005; Connected to a baghouse (fabric filter) identified as CD5	Not Applicable	EU-5D
EU0250	Enclosed Header Conveyor B - Used to move grain to bins, dryer, or barge loading; Constructed 2005; Connected to a baghouse (fabric filter) identified as CD5	Not Applicable	EU-5E
EU0260	Enclosed Header Conveyor C - Used to move grain to bins, dryer, or barge loading; Constructed 2005; Connected to a baghouse (fabric filter) identified as CD5	Not Applicable	EU-5F
EU0270	Enclosed Reclaim Belt Conveyor A - Used to move grain to bins, dryer, or barge loading; Constructed 2005; Connected to a baghouse (fabric filter) identified as CD3	Not Applicable	EU-6A
EU0280	Enclosed Reclaim Belt Conveyor B - Used to move grain to bins, dryer, or barge loading; Constructed 2005; Connected to a baghouse (fabric filter) identified as CD3	Not Applicable	EU-6B
EU0290	Enclosed Drag Conveyor A – Used to move grain to bins, dryer, or barge loading; Constructed 2005	Not Applicable	EP-25
EU0300	Enclosed Drag Conveyor B – Used to move grain to bins, dryer, or barge loading; Constructed 2005	Not Applicable	EP-26
EU0310	Truck Loading – Loading truck with grain for shipment; Constructed 2007	Not Applicable	EP-27

**Permit Condition EU0210-001 through EU0310-001**

**10 CSR 10-6.060 Construction Permits Required  
Construction Permit 052005-002, Issued May 4, 2005**

**Emission Limitation:**

Cargill-New Madrid Elevator shall emit less than fifteen tons of particulate matter less than ten microns ( $PM_{10}$ ) in any consecutive twelve-month period from receiving pit number 3 (EU0210), enclosed conveyors and bucket elevator (EU0220, EU0230, EU0240, EUEU0250, EU0260, EU0270, EU0280, EU0290, and EU0300), truck loading (EU0310) and the storage bin vents (EU0030, EU0040, EU0050, EU0060 and EU0070).

**Monitoring:**

Cargill-New Madrid Elevator shall control emissions from the receiving pit number 3 (EP-EU5A), enclosed conveyor (EP-EU5B), elevator leg (EP-EU5C), and header conveyors (EP-EU5D, EP-EU5E, EP-EU5F) using newly installed baghouse CD5 and reclaim belts (EP-EU5A, EP-EU6B) using existing baghouse CD3 as specified in the construction permit application.

- 1) The baghouse shall be operated and maintained in accordance with the manufacturer's specifications. The baghouse shall be equipped with a gauge or meter, which indicates the pressure drop across the control device. These gauges or meters shall be located such that the DNR employees may easily observe them. Replacement filters for the baghouse and drum filters shall be kept on hand at all times. The bags shall be made of fibers appropriate for operating conditions expected to occur (i.e. temperature limits, acidic and alkali resistance, and abrasion resistance).
- 2) Cargill-New Madrid Elevator shall monitor and record the operating pressure drop across the baghouse and drum filters at least once every 24 hours when operating. The operating pressure drop shall be maintained within the design conditions specified by the manufacturer's performance warranty.
- 3) Cargill-New Madrid Elevator shall maintain an operating and maintenance log for the baghouse and drum filters which shall include the following:
  - a) Incidents of malfunction, with impact on emissions, duration of event, probable cause, and corrective actions; and
  - b) Maintenance activities, with inspection schedule, repair actions, and replacements, etc.

**Recordkeeping:**

Cargill, Inc. - New Madrid Elevator shall maintain an accurate record of emissions of  $PM_{10}$  emitted into the atmosphere from EU0030, EU0040, EU0050, EU0060, EU0070, EU0210, EU0220, EU0230, EU0240, EUEU0250, EU0260, EU0270, EU0280, EU0290, EU0300 and EU0310. Cargill, Inc. - New Madrid Elevator shall record the monthly and running twelve-month totals of  $PM_{10}$  emissions from EU0030, EU0040, EU0050, EU0060, EU0070, EU0210, EU0220, EU0230, EU0240, EU0250, EU0260, EU0270, EU0280, EU0290, EU0300 and EU0310. Cargill, Inc. - New Madrid Elevator shall maintain records on-site for the most recent sixty months of all records required by this permit and shall immediately make such records available to any Missouri Department of Natural Resources' personnel upon request.

**Reporting:**

Cargill, Inc. - New Madrid Elevator shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri, 65102, no later than ten days after the end of each month, if the twelve-month cumulative total records show that the source exceeded the  $PM_{10}$  emission limitation.

**Permit Condition EU0210-002 through EU0280-002**

**10 CSR 10-6.070  
New Source Performance Regulations  
40 CFR Part 60, Subpart DD  
Standards of Performance for Grain Elevators**

**Emission Limitation:**

*Standards for particulate matter [§60.302]:*

On and after the date on which the performance test required to be conducted by §60.8 is completed, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any affected facility except a grain dryer any process emission which: [§60.302(b)]

- 1) Contains particulate matter in excess of 0.023 g/dscm (ca. 0.01 gr/dscf). [§60.302(b)(1)]
- 2) Exhibits greater than zero percent opacity. [§60.302(b)(2)]

**Test Methods and Procedures [§60.303]:**

- 1) In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures the test methods in Appendix A of 40 CFR Part 60 or other methods and procedures as specified in §60.303, except as provided in §60.8(b). Acceptable alternative methods and procedures are given in §60.303(c). [§60.303(a)]
- 2) The owner or operator shall determine compliance with the particulate matter standards in §60.302 as follows: [§60.303(b)]
  - a) Method 5 shall be used to determine the particulate matter concentration and the volumetric flow rate of the effluent gas. The sampling time and sample volume for each run shall be at least sixty minutes and 1.70 dscm (60 dscf). The probe and filter holder shall be operated without heaters. [§60.303(b)(1)]
  - b) Method 2 shall be used to determine the ventilation volumetric flow rate. [§60.303(b)(2)]
  - c) Method 9 and the procedures in §60.11 shall be used to determine opacity. [§60.303(b)(3)]
- 3) The owner or operator may use the following as alternatives to the reference methods and procedures specified in §60.303: [§60.303(c)]
  - a) For Method 5, Method 17 may be used.

**Monitoring:**

- 1) The permittee shall conduct opacity readings on this emission unit using the procedures contained in U.S. EPA Test Method 22. At a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind and the presence of uncombined water. Readings are only required when the emission unit is operating and when the weather conditions allow. If no visible or other significant emissions are observed using these procedures, then no further observations would be required. For emission units with visible emissions perceived or believed to exceed the applicable opacity standard, the source representative would then conduct a Method 9 observation.
- 2) The following monitoring schedule must be maintained:
  - a) Weekly observations shall be conducted for a minimum of eight consecutive weeks after permit issuance. Should no violation of this regulation be observed during this period then-
  - b) Observations must be made once every two weeks for a period of eight weeks. If a violation is noted, monitoring reverts to weekly. Should no violation of this regulation be observed during this period then-
  - c) Observations must be made once per month. If a violation is noted, monitoring reverts to weekly.
- 3) If the source reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner from the initial monitoring frequency
- 4) The permittee shall conduct an annual opacity measurement on the emission units by U.S. EPA Test Method 9 with a certified Method 9 observer using the test methods and procedures described above.

**Recordkeeping:**

- 1) The permittee shall maintain records of all observation results (see Attachment B or C), noting:
  - a) Whether any air emissions (except for water vapor) were visible from the emission units,
  - b) All emission units from which visible emissions occurred, and
  - c) Whether the visible emissions were normal for the process.
  - d) The permittee shall maintain records of any equipment malfunctions.
- 2) The permittee shall maintain records of any other Method 9 test performed in accordance with this permit condition. (See Attachment D)
- 3) Attachments C or D, and E contain logs including these record keeping requirements. These logs, or an equivalent created by the permittee, must be used to certify compliance with this requirement.

**Reporting:**

- 1) The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri, 65102, no later than ten days after the permittee determined using the Method 9 test that the emission unit(s) exceeded the opacity limit.
- 2) Reports of any deviations from monitoring, record-keeping and reporting requirements of this permit condition shall be submitted annually in the annual compliance certification and monitoring report, as required by Section V of this permit.

**Permit Condition EU0290-002 through EU0300-002**

**10 CSR 10-6.070**

**New Source Performance Regulations**

**40 CFR Part 60, Subpart DD**

**Standards of Performance for Grain Elevators**

**Emission Limitation:**

*Standards for particulate matter [§60.302]:*

No owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere any fugitive emission from any grain handling operation which exhibits greater than zero percent opacity. [§60.302(c)(2)]

**Test Methods and Procedures [§60.303]:**

Method 9 and the procedures in §60.11 shall be used to determine opacity. [§60.303(b)(3)]

**Monitoring:**

- 1) The permittee shall conduct opacity readings on this emission unit using the procedures contained in U.S. EPA Test Method 22. At a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind and the presence of uncombined water. Readings are only required when the emission unit is operating and when the weather conditions allow. If no visible or other significant emissions are observed using these procedures, then no further observations would be required. For emission units with visible emissions perceived or believed to exceed the applicable opacity standard, the source representative would then conduct a Method 9 observation.
- 2) The following monitoring schedule must be maintained:
  - a) Weekly observations shall be conducted for a minimum of eight consecutive weeks after permit issuance. Should no violation of this regulation be observed during this period then-
  - b) Observations must be made once every two weeks for a period of eight weeks. If a violation is noted, monitoring reverts to weekly. Should no violation of this regulation be observed during this period then-
  - c) Observations must be made once per month. If a violation is noted, monitoring reverts to weekly.
- 3) If the source reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner from the initial monitoring frequency

- 4) The permittee shall conduct an annual opacity measurement on the emission units by U.S. EPA Test Method 9 with a certified Method 9 observer using the test methods and procedures described above.

**Recordkeeping:**

- 1) The permittee shall maintain records of all observation results (see Attachment B or C), noting:
  - a) Whether any air emissions (except for water vapor) were visible from the emission units,
  - b) All emission units from which visible emissions occurred, and
  - c) Whether the visible emissions were normal for the process.
  - d) The permittee shall maintain records of any equipment malfunctions.
- 2) The permittee shall maintain records of any other Method 9 test performed in accordance with this permit condition. (See Attachment D)
- 3) Attachments B or C, and D contain logs including these record-keeping requirements. These logs, or an equivalent created by the permittee, must be used to certify compliance with this requirement.

**Reporting:**

- 1) The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri, 65102, no later than ten days after the permittee determined using the Method 9 test that the emission unit(s) exceeded the opacity limit.
- 2) Reports of any deviations from monitoring, record-keeping and reporting requirements of this permit condition shall be submitted annually in the annual compliance certification and monitoring report, as required by Section V of this permit.

**Permit Condition EU0310-002**

**10 CSR 10-6.070**

**New Source Performance Regulations**

**40 CFR Part 60, Subpart DD**

**Standards of Performance for Grain Elevators**

**Emission Limitation:**

*Standards for particulate matter [§60.302]:*

No owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere any fugitive emissions from any truck loading station which exhibits greater than ten percent opacity.

[§60.302(c)(3)]

**Test Methods and Procedures [§60.303]:**

Method 9 and the procedures in §60.11 shall be used to determine opacity. [§60.303(b)(3)]

**Monitoring:**

- 1) The permittee shall conduct opacity readings on this emission unit using the procedures contained in U.S. EPA Test Method 22. At a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind and the presence of uncombined water. Readings are only required when the emission unit is operating and when the weather conditions allow. If no visible or other significant emissions are observed using these procedures, then no further observations would be required. For emission units with visible emissions perceived or believed to exceed the applicable opacity standard, the source representative would then conduct a Method 9 observation.
- 2) The following monitoring schedule must be maintained:
  - a) Weekly observations shall be conducted for a minimum of eight consecutive weeks after permit issuance. Should no violation of this regulation be observed during this period then-
  - b) Observations must be made once every two weeks for a period of eight weeks. If a violation is noted, monitoring reverts to weekly. Should no violation of this regulation be observed during this period then-

- c) Observations must be made once per month. If a violation is noted, monitoring reverts to weekly.
- 3) If the source reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner from the initial monitoring frequency
- 4) The permittee shall conduct an annual opacity measurement on the emission units by U.S. EPA Test Method 9 with a certified Method 9 observer using the test methods and procedures described above.

**Recordkeeping:**

- 1) The permittee shall maintain records of all observation results (see Attachment B or C), noting:
  - a) Whether any air emissions (except for water vapor) were visible from the emission units,
  - b) All emission units from which visible emissions occurred, and
  - c) Whether the visible emissions were normal for the process.
  - d) The permittee shall maintain records of any equipment malfunctions.
- 2) The permittee shall maintain records of any other Method 9 test performed in accordance with this permit condition. (See Attachment D)
- 3) Attachments B or C, and D contain logs including these record-keeping requirements. These logs, or an equivalent created by the permittee, must be used to certify compliance with this requirement.

**Reporting:**

- 1) The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri, 65102, no later than ten days after the permittee determined using the Method 9 test that the emission unit(s) exceeded the opacity limit.
- 2) Reports of any deviations from monitoring, record-keeping and reporting requirements of this permit condition shall be submitted annually in the annual compliance certification and monitoring report, as required by Section V of this permit.

<b>EU0320 through EU0370 – Grain Bunker (Grain Storage Facility)</b>			
Emission Unit	Description	Manufacturer/ Model #	2006 EIQ Reference #
EU0320	Grain Bunker – Grain receiving – Straight Truck Grain unloading and storing in a storage bunker	Not Applicable	EP-51
EU0330	Grain Bunker – Grain receiving – Hopper Truck Grain unloading and storing in a storage bunker	Not Applicable	EP-52
EU0340	Grain Bunker – Grain handling Grain conveying and storing in a storage bunker	Not Applicable	EP-53
EU0350	Grain Bunker – Dropping grain onto pile for storage	Not Applicable	EP-54
EU0360	Grain Bunker – Truck Loading Loading grain into truck	Not Applicable	EP-55
EU0370	Grain Bunker – Haul Road	Not Applicable	EP-56

**Permit Condition EU0320-001 through EU0370-001**

**10 CSR 10-6.060 Construction Permits Required  
Construction Permit 052007-013, Issued May 31, 2007**

**Emission Limitation:**

Cargill, Inc. – New Madrid Elevator shall emit less than fifteen tons of particulate matter less than ten microns (PM<sub>10</sub>) in any consecutive twelve-month period from the grain storage facility (Grain Bunker – EU0320, EU0330, EU0340, EU0350, EU0360 and EU0370).

**Monitoring/Recordkeeping:**

Cargill, Inc. - New Madrid Elevator shall maintain an accurate record of emissions of PM<sub>10</sub> emitted into the atmosphere from the grain storage facility (Grain Bunker). Cargill, Inc. - New Madrid Elevator shall record the monthly and running twelve-month totals of PM<sub>10</sub> emissions from Grain Bunker – EU0320, EU0330, EU0340, EU0350, EU0360 and EU0370. Cargill, Inc. - New Madrid Elevator shall maintain records on-site for the most recent sixty months of all records required by this permit and shall immediately make such records available to any Missouri Department of Natural Resources' personnel upon request.

**Reporting:**

Cargill, Inc. - New Madrid Elevator shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri, 65102, no later than ten days after the end of each month, if the twelve-month cumulative total records show that the source exceeded the PM<sub>10</sub> emission limitation.

**Permit Condition EU0320-002, EU0330-002 and EU0360-002**

**10 CSR 10-6.070  
New Source Performance Regulations  
40 CFR Part 60, Subpart DD  
Standards of Performance for Grain Elevators**

**Emission Limitation:**

*Standards for particulate matter [§60.302]:*

No owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere any fugitive emissions from: [§60.302(c)]

- 1) Any truck loading station which exhibits greater than ten percent opacity. [§60.302(c)(3)]
- 2) Any barge or ship loading station which exhibits greater than twenty percent opacity. [§60.302(b)(2)]

**Test Methods and Procedures [§60.303]:**

Method 9 and the procedures in §60.11 shall be used to determine opacity. [§60.303(b)(3)]

**Monitoring:**

- 1) The permittee shall conduct opacity readings on this emission unit using the procedures contained in U.S. EPA Test Method 22. At a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind and the presence of uncombined water. Readings are only required when the emission unit is operating and when the weather conditions allow. If no visible or other significant emissions are observed using these procedures, then no further observations would be required. For emission units with visible emissions perceived or believed to exceed the applicable opacity standard, the source representative would then conduct a Method 9 observation.
- 2) The following monitoring schedule must be maintained:
  - a) Weekly observations shall be conducted for a minimum of eight consecutive weeks after permit issuance. Should no violation of this regulation be observed during this period then-

- b) Observations must be made once every two weeks for a period of eight weeks. If a violation is noted, monitoring reverts to weekly. Should no violation of this regulation be observed during this period then-
- c) Observations must be made once per month. If a violation is noted, monitoring reverts to weekly.
- 3) If the source reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner from the initial monitoring frequency
- 4) The permittee shall conduct an annual opacity measurement on the emission units by U.S. EPA Test Method 9 with a certified Method 9 observer using the test methods and procedures described above.

**Recordkeeping:**

- 1) The permittee shall maintain records of all observation results (see Attachment B or C), noting:
  - a) Whether any air emissions (except for water vapor) were visible from the emission units,
  - b) All emission units from which visible emissions occurred, and
  - c) Whether the visible emissions were normal for the process.
  - d) The permittee shall maintain records of any equipment malfunctions.
- 2) The permittee shall maintain records of any other Method 9 test performed in accordance with this permit condition. (See Attachment D)
- 3) Attachments B or C, and D contain logs including these record keeping requirements. These logs, or an equivalent created by the permittee, must be used to certify compliance with this requirement.

**Reporting:**

- 1) The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri, 65102, no later than ten days after the permittee determined using the Method 9 test that the emission unit(s) exceeded the opacity limit.
- 2) Reports of any deviations from monitoring, record keeping and reporting requirements of this permit condition shall be submitted annually in the annual compliance certification and monitoring report, as required by Section V of this permit.

## IV. Core Permit Requirements

The installation shall comply with each of the following requirements. Consult the appropriate sections in the Code of Federal Regulations (CFR), Code of State Regulations (CSR), and local ordinances for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect on the date of permit issuance.

### 10 CSR 10-6.050 Start-up, Shutdown and Malfunction Conditions

- 1) In the event of a malfunction, which results in excess emissions that exceed one hour, the permittee shall submit to the director within two business days, in writing, the following information:
  - a) Name and location of installation;
  - b) Name and telephone number of person responsible for the installation;
  - c) Name of the person who first discovered the malfunction and precise time and date that the malfunction was discovered.
  - d) Identity of the equipment causing the excess emissions;
  - e) Time and duration of the period of excess emissions;
  - f) Cause of the excess emissions;
  - g) Air pollutants involved;
  - h) Best estimate of the magnitude of the excess emissions expressed in the units of the applicable requirement and the operating data and calculations used in estimating the magnitude;
  - i) Measures taken to mitigate the extent and duration of the excess emissions; and
  - j) Measures taken to remedy the situation that caused the excess emissions and the measures taken or planned to prevent the recurrence of these situations.
- 2) The permittee shall submit the paragraph 1 information list to the director in writing at least ten days prior to any maintenance, start-up or shutdown, which is expected to cause an excessive release of emissions that exceed one hour. If notice of the event cannot be given ten days prior to the planned occurrence, it shall be given as soon as practicable prior to the release. If an unplanned excess release of emissions exceeding one hour occurs during maintenance, start-up or shutdown, the director shall be notified verbally as soon as practical during normal working hours and no later than the close of business of the following working day. A written notice shall follow within ten working days.
- 3) Upon receipt of a notice of excess emissions issued by an agency holding a certificate of authority under section 643.140, RSMo, the permittee may provide information showing that the excess emissions were the consequence of a malfunction, start-up or shutdown. The information, at a minimum, should be the paragraph 1 list and shall be submitted not later than fifteen days after receipt of the notice of excess emissions. Based upon information submitted by the permittee or any other pertinent information available, the director or the commission shall make a determination whether the excess emissions constitute a malfunction, start-up or shutdown and whether the nature, extent and duration of the excess emissions warrant enforcement action under section 643.080 or 643.151, RSMo.
- 4) Nothing in this rule shall be construed to limit the authority of the director or commission to take appropriate action, under sections 643.080, 643.090 and 643.151, RSMo to enforce the provisions of the Air Conservation Law and the corresponding rule.
- 5) Compliance with this rule does not automatically absolve the permittee of liability for the excess emissions reported.

### 10 CSR 10-6.060 Construction Permits Required

The permittee shall not commence construction, modification, or major modification of any installation subject to this rule, begin operation after that construction, modification, or major modification, or begin operation of any installation which has been shut down longer than five years without first obtaining a permit from the permitting authority.

### **10 CSR 10-6.065 Operating Permits**

The permittee shall file a complete application for renewal of this operating permit at least six months before the date of permit expiration. In no event shall this time be greater than eighteen months.

[10 CSR 10-6.065(5)(B)1.A(III)] The permittee shall retain the most current operating permit issued to this installation on-site. [10 CSR 10-6.065, §(5)(C)(1) and §(6)(C)1.C(II)] The permittee shall immediately make such permit available to any Missouri Department of Natural Resources' personnel upon request. [10 CSR 10-6.065, §(5)(C)(1) and §(6)(C)3.B]

### **10 CSR 10-6.110 Submission of Emission Data, Emission Fees and Process Information**

- 1) The permittee shall complete and submit an Emission Inventory Questionnaire (EIQ) in accordance with the requirements outlined in this rule.
- 2) The permittee shall pay an annual emission fee per ton of regulated air pollutant emitted according to the schedule in the rule. This fee is an emission fee assessed under authority of RSMo. 643.079.
- 3) The fees shall be payable to the Department of Natural Resources and shall be accompanied by the Emissions Inventory Questionnaire (EIQ) form or equivalent approved by the director.

### **10 CSR 10-6.130 Controlling Emissions During Episodes of High Air Pollution Potential**

This rule specifies the conditions that establish an air pollution alert (yellow/orange/red/purple), or emergency (maroon) and the associated procedures and emission reduction objectives for dealing with each. The permittee shall submit an appropriate emergency plan if required by the director.

### **10 CSR 10-6.150 Circumvention**

The permittee shall not cause or permit the installation or use of any device or any other means which, without resulting in reduction in the total amount of air contaminant emitted, conceals or dilutes an emission or air contaminant which violates a rule of the Missouri Air Conservation Commission.

### **10 CSR 10-6.170 Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin**

- 1) The permittee shall not cause or allow to occur any handling, transporting or storing of any material; construction, repair, cleaning or demolition of a building or its appurtenances; construction or use of a road, driveway or open area; or operation of a commercial or industrial installation without applying reasonable measures as may be required to prevent, or in a manner which allows or may allow, fugitive particulate matter emissions to go beyond the premises of origin in quantities that the particulate matter may be found on surfaces beyond the property line of origin. The nature or origin of the particulate matter shall be determined to a reasonable degree of certainty by a technique proven to be accurate and approved by the director.
- 2) The permittee shall not cause nor allow to occur any fugitive particulate matter emissions to remain visible in the ambient air beyond the property line of origin.
- 3) Should it be determined that noncompliance has occurred, the director may require reasonable control measures as may be necessary. These measures may include, but are not limited to, the following:
  - a) Revision of procedures involving construction, repair, cleaning and demolition of buildings and their appurtenances that produce particulate matter emissions;
  - b) Paving or frequent cleaning of roads, driveways and parking lots;
  - c) Application of dust-free surfaces;
  - d) Application of water; and
  - e) Planting and maintenance of vegetative ground cover.

### **10 CSR 10-6.180 Measurement of Emissions of Air Contaminants**

- 1) The director may require any person responsible for the source of emission of air contaminants to make or have made tests to determine the quantity or nature, or both, of emission of air contaminants from the source. The director may specify testing methods to be used in accordance with good professional practice. The director may observe the testing. All tests shall be performed by qualified personnel.

- 2) The director may conduct tests of emissions of air contaminants from any source. Upon request of the director, the person responsible for the source to be tested shall provide necessary ports in stacks or ducts and other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices as may be necessary for proper determination of the emission of air contaminants.
- 3) The director shall be given a copy of the test results in writing and signed by the person responsible for the tests.

#### 10 CSR 10-6.045 Open Burning Requirements

- 1) General Provisions. The open burning of tires, petroleum-based products, asbestos containing materials, and trade waste is prohibited, except as allowed below. Nothing in this rule may be construed as to allow open burning which causes or constitutes a public health hazard, nuisance, a hazard to vehicular or air traffic, nor which violates any other rule or statute.
- 2) Refer to the regulation for a complete list of allowances. The following is a listing of exceptions to the allowances:
  - a) Burning of household or domestic refuse. Burning of household or domestic refuse is limited to open burning on a residential premises having not more than four dwelling units, provided that the refuse originates on the same premises, with the following exceptions:
    - i) Kansas City metropolitan area. The open burning of household refuse must take place in an area zoned for agricultural purposes and outside that portion of the metropolitan area surrounded by the corporate limits of Kansas City and every contiguous municipality;
    - ii) Springfield-Greene County area. The open burning of household refuse must take place outside the corporate limits of Springfield and only within areas zoned A-1, Agricultural District;
    - iii) St. Joseph area. The open burning of household refuse must take place within an area zoned for agricultural purposes and outside that portion of the metropolitan area surrounded by the corporate limits of St. Joseph; and
    - iv) St. Louis metropolitan area. The open burning of household refuse is prohibited;
  - b) Yard waste, with the following exceptions:
    - i) Kansas City metropolitan area. The open burning of trees, tree leaves, brush or any other type of vegetation shall require an open burning permit;
    - ii) Springfield-Greene County area. The City of Springfield requires an open burning permit for the open burning of trees, brush or any other type of vegetation. The City of Springfield prohibits the open burning of tree leaves;
    - iii) St. Joseph area. Within the corporate limits of St. Joseph, the open burning of trees, tree leaves, brush or any other type of vegetation grown on a residential property is allowed during the following calendar periods and time-of-day restrictions:
      - (1) A three (3)-week period within the period commencing the first day of March through April 30 and continuing for twenty-one (21) consecutive calendar days;
      - (2) A three (3)-week period within the period commencing the first day of October through November 30 and continuing for twenty-one (21) consecutive calendar days;
      - (3) The burning shall take place only between the daytime hours of 10:00 a.m. and 3:30 p.m.; and
      - (4) In each instance, the twenty-one (21)-day burning period shall be determined by the director of Public Health and Welfare of the City of St. Joseph for the region in which the City of St. Joseph is located provided, however, the burning period first shall receive the approval of the department director; and
    - iv) St. Louis metropolitan area. The open burning of trees, tree leaves, brush or any other type of vegetation is limited to the period beginning September 16 and ending April 14 of each calendar year and limited to a total base area not to exceed sixteen (16) square feet. Any open burning shall be conducted only between the hours of 10:00 a.m. and 4:00 p.m. and is limited to areas outside of incorporated municipalities;

- 3) Certain types of materials may be open burned provided an open burning permit is obtained from the director. The permit will specify the conditions and provisions of all open burning. The permit may be revoked if the owner or operator fails to comply with the conditions or any provisions of the permit.
- 4) Cargill, Inc. - New Madrid Elevator may be issued an annually renewable open burning permit for open burning provided that an air curtain destructor or incinerator is utilized and only tree trunks, tree limbs, vegetation or untreated wood waste are burned. Open burning shall occur at least two hundred (200) yards from the nearest occupied structure unless the owner or operator of the occupied structure provides a written waiver of this requirement. Any waiver shall accompany the open burning permit application. The permit may be revoked if Cargill, Inc. - New Madrid Elevator fails to comply with the provisions or any condition of the open burning permit.
  - a) In a non-attainment area, as defined in 10 CSR 10-6.020, paragraph (2)(N)5., the director shall not issue a permit under this section unless the owner or operator can demonstrate to the satisfaction of the director that the emissions from the open burning of the specified material would be less than the emissions from any other waste management or disposal method.
- 5) Reporting and Record-Keeping. New Source Performance Standard (NSPS) 40 CFR Part 60 Subpart CCCC establishes certain requirements for air curtain destructors or incinerators that burn wood trade waste. These requirements are established in 40 CFR 60.2245-60.2260. The provisions of 40 CFR Part 60 Subpart CCCC promulgated as of September 22, 2005, shall apply and are hereby incorporated by reference in this rule, as published by the U.S. Government Printing Office, 732 N Capitol Street NW, Washington, DC 20401. To comply with NSPS 40 CFR 60.2245-60.2260, sources must conduct an annual Method 9 test. A copy of the annual Method 9 test results shall be submitted to the director.
- 6) Test Methods. The visible emissions from air pollution sources shall be evaluated as specified by 40 CFR Part 60, Appendix A-Test Methods, Method 9-Visual Determination of the Opacity of Emissions from Stationary Sources. The provisions of 40 CFR Part 60, Appendix A, Method 9 promulgated as of December 23, 1971, is incorporated by reference in this rule, as published by the U.S. Government Printing Office, 732 N Capitol Street NW, Washington, DC 20401.

#### **10 CSR 10-3.090 Restriction of Emission of Odors**

No person shall emit odorous matter as to cause an objectionable odor on or adjacent to:

- 1) Residential, recreational, institutional, retail sales, hotel or educational premises.
- 2) Industrial premises when air containing odorous matter is diluted with twenty or more volumes of odor-free air; or
- 3) Premises other than those in 1. and 2 above when air containing odorous matter is diluted with four or more volumes of odor-free air.

The previously mentioned requirement shall apply only to objectionable odors. An odor will be deemed objectionable when thirty percent or more of a sample of the people exposed to it believe it to be objectionable in usual places of occupancy; the sample size to be at least twenty people or seventy-five percent of those exposed if fewer than twenty people are exposed.

#### **10 CSR 10-6.080 Emission Standards for Hazardous Air Pollutants and 40 CFR Part 61 Subpart M National Emission Standard for Asbestos**

- 1) The permittee shall follow the procedures and requirements of 40 CFR Part 61, Subpart M for any activities occurring at this installation which would be subject to provisions for 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos.
- 2) The permittee shall conduct monitoring to demonstrate compliance with registration, certification, notification, and Abatement Procedures and Practices standards as specified in 40 CFR Part 61, Subpart M.

### **10 CSR 10-6.250 Asbestos Abatement Projects – Certification, Accreditation, and Business Exemption Requirements**

The permittee shall conduct all asbestos abatement projects within the procedures established for certification and accreditation by 10 CSR 10-6.250. This rule requires individuals who work in asbestos abatement projects to be certified by the Missouri Department of Natural Resources, Air Pollution Control Program. This rule requires training providers who offer training for asbestos abatement occupations to be accredited by the Missouri Department of Natural Resources, Air Pollution Control Program. This rule requires persons who hold exemption status from certain requirements of this rule to allow the department to monitor training provided to employees. Each individual who works in asbestos abatement projects must first obtain certification for the appropriate occupation from the department. Each person who offers training for asbestos abatement occupations must first obtain accreditation from the department. Certain business entities that meet the requirements for state-approved exemption status must allow the department to monitor training classes provided to employees who perform asbestos abatement.

### **Title VI – 40 CFR Part 82 Protection of Stratospheric Ozone**

- 1) The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:
  - a) All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to §82.106.
  - b) The placement of the required warning statement must comply with the requirements pursuant to §82.108.
  - c) The form of the label bearing the required warning statement must comply with the requirements pursuant to §82.110.
  - d) No person may modify, remove, or interfere with the required warning statement except as described in §82.112.
- 2) The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners (MVACs) in Subpart B:
  - a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to §82.156.
  - b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to §82.158.
  - c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to §82.161.
  - d) Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with record keeping requirements pursuant to §82.166. ("MVAC-like" appliance as defined at §82.152).
  - e) Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to §82.156.
  - f) Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to §82.166.
- 3) If the permittee manufactures, transforms, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR Part 82, Subpart A, Production and Consumption Controls.
- 4) If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air conditioners. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant.

The permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR Part 82, Subpart G, Significant New Alternatives Policy Program. *Federal Only - 40 CFR Part 82*

**10 CSR 10-6.280 Compliance Monitoring Usage**

- 1) The permittee is not prohibited from using the following in addition to any specified compliance methods for the purpose of submission of compliance certificates:
  - a) Monitoring methods outlined in 40 CFR Part 64;
  - b) Monitoring method(s) approved for the permittee pursuant to 10 CSR 10-6.065, "Operating Permits", and incorporated into an operating permit; and
  - c) Any other monitoring methods approved by the director.
- 2) Any credible evidence may be used for the purpose of establishing whether a permittee has violated or is in violation of any such plan or other applicable requirement. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred by a permittee:
  - a) Monitoring methods outlined in 40 CFR Part 64;
  - b) A monitoring method approved for the permittee pursuant to 10 CSR 10-6.065, "Operating Permits", and incorporated into an operating permit; and
  - c) Compliance test methods specified in the rule cited as the authority for the emission limitations.
- 3) The following testing, monitoring or information gathering methods are presumptively credible testing, monitoring, or information gathering methods:
  - a) Applicable monitoring or testing methods, cited in:
    - i) 10 CSR 10-6.030, "Sampling Methods for Air Pollution Sources";
    - ii) 10 CSR 10-6.040, "Reference Methods";
    - iii) 10 CSR 10-6.070, "New Source Performance Standards";
    - iv) 10 CSR 10-6.080, "Emission Standards for Hazardous Air Pollutants"; or
  - b) Other testing, monitoring, or information gathering methods, if approved by the director, that produce information comparable to that produced by any method listed above.

## V. General Permit Requirements

The installation shall comply with each of the following requirements. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued.

### 10 CSR 10-6.065, §(5)(C)1 and §(6)(C)1.B Permit Duration

This permit is issued for a term of five years, commencing on the date of issuance. This permit will expire at the end of this period unless renewed.

### 10 CSR 10-6.065, §(5)(C)1 and §(6)(C)1.C General Record Keeping and Reporting Requirements

- 1) Record Keeping
  - a) All required monitoring data and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report or application.
  - b) Copies of all current operating and construction permits issued to this installation shall be kept on-site for as long as the permits are in effect. Copies of these permits shall be made immediately available to any Missouri Department of Natural Resources' personnel upon request.
- 2) Reporting
  - a) All reports shall be submitted to the Air Pollution Control Program's Enforcement Section, P. O. Box 176, Jefferson City, Missouri, 65102.
  - b) The permittee shall submit a report of all required monitoring by:
    - i) April 1st for monitoring which covers the January through December time period.
    - ii) Exception. Monitoring requirements which require reporting more frequently than annually shall report no later than thirty days after the end of the calendar quarter in which the measurements were taken.
  - c) Each report shall identify any deviations from emission limitations, monitoring, record keeping, reporting, or any other requirements of the permit.
  - d) Submit supplemental reports as required or as needed. Supplemental reports are required no later than ten days after any exceedance of any applicable rule, regulation or other restriction. All reports of deviations shall identify the cause or probable cause of the deviations and any corrective actions or preventative measures taken.
    - i) Notice of any deviation resulting from an emergency (or upset) condition as defined in paragraph (6)(C)7 of 10 CSR 10-6.065 (Emergency Provisions) shall be submitted to the permitting authority either verbally or in writing within two working days after the date on which the emission limitation is exceeded due to the emergency, if the permittee wishes to assert an affirmative defense. The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that indicate an emergency occurred and the permittee can identify the cause(s) of the emergency. The permitted installation must show that it was operated properly at the time and that during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or requirements in the permit. The notice must contain a description of the emergency, the steps taken to mitigate emissions, and the corrective actions taken.
    - ii) Any deviation that poses an imminent and substantial danger to public health, safety or the environment shall be reported as soon as practicable.
    - iii) Any other deviations identified in the permit as requiring more frequent reporting than the permittee's annual report shall be reported on the schedule specified in this permit, and no later than ten days after any exceedance of any applicable rule, regulation, or other restriction.

- e) Every report submitted shall be certified by the responsible official, except that, if a report of a deviation must be submitted within ten days after the deviation, the report may be submitted without a certification if the report is resubmitted with an appropriate certification within ten days after that, together with any corrected or supplemental information required concerning the deviation.
- f) The permittee may request confidential treatment of information submitted in any report of deviation.

**10 CSR 10-6.065 §(5)(C)1 and §(6)(C)1.D Risk Management Plan Under Section 112(r)**

The permittee shall comply with the requirements of 40 CFR Part 68, Accidental Release Prevention Requirements. If the permittee has more than a threshold quantity of a regulated substance in process, as determined by 40 CFR Section 68.115, the permittee shall submit a Risk Management Plan in accordance with 40 CFR Part 68 no later than the latest of the following dates:

- 1) June 21, 1999;
- 2) Three years after the date on which a regulated substance is first listed under 40 CFR Section 68.130; or
- 3) The date on which a regulated substance is first present above a threshold quantity in a process.

**10 CSR 10-6.065(5)(C)1.A General Requirements**

- 1) The permittee must comply with all of the terms and conditions of this permit. Any non-compliance with a permit condition constitutes a violation and is grounds for enforcement action, permit termination, permit revocation and re-issuance, permit modification or denial of a permit renewal application.
- 2) The permittee may not use as a defense in an enforcement action that it would have been necessary for the permittee to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit
- 3) The permit may be modified, revoked, re-opened, re-issued or terminated for cause. Except as provided for minor permit modifications, the filing of an application or request for a permit modification, revocation and re-issuance, or termination, or the filing of a notification of planned changes or anticipated non-compliance, does not stay any permit condition.
- 4) This permit does not convey any property rights of any sort, nor grant any exclusive privilege.
- 5) The permittee shall furnish to the Air Pollution Control Program, upon receipt of a written request and within a reasonable time, any information that the Air Pollution Control Program reasonably may require to determine whether cause exists for modifying, reopening, reissuing or revoking the permit or to determine compliance with the permit. Upon request, the permittee also shall furnish to the Air Pollution Control Program copies of records required to be kept by the permittee. The permittee may make a claim of confidentiality for any information or records submitted under this rule.
- 6) Failure to comply with the limitations and conditions that qualify the installation for an intermediate permit make the installation subject to the provisions of 10 CSR 10-6.065(6) and enforcement action for operating without a valid part 70 operating permit.

**10 CSR 10-6.065(5)(C)1.C Reasonably Anticipated Operating Scenarios**

None.

**10 CSR 10-6.065, §(5)(B)4; §(5)(C)1, §(6)(C)3.B; and §(6)(C)3.D; and §(5)(C)3 and §(6)(C)3.E.(I) – (III) and (V) – (VI) Compliance Requirements**

- 1) Any document (including reports) required to be submitted under this permit shall contain a certification signed by the responsible official.
- 2) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized officials of the Missouri Department of Natural Resources, or their authorized agents, to perform the following (subject to the installation's right to seek confidential treatment of information submitted to, or obtained by, the Air Pollution Control Program):
  - a) Enter upon the premises where a permitted installation is located or an emissions-related activity is conducted, or where records must be kept under the conditions of this permit;

- b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
  - c) Inspect, at reasonable times and using reasonable safety practices, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
  - d) As authorized by the Missouri Air Conservation Law, Chapter 643, RSMo or the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the terms of this permit, and all applicable requirements as outlined in this permit.
- 3) All progress reports required under an applicable schedule of compliance shall be submitted semi-annually (or more frequently if specified in the applicable requirement). These progress reports shall contain the following:
- a) Dates for achieving the activities, milestones or compliance required in the schedule of compliance, and dates when these activities, milestones or compliance were achieved, and
  - b) An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventative or corrective measures adopted.
- 4) The permittee shall submit an annual certification that it is in compliance with all of the federally enforceable terms and conditions contained in this permit, including emissions limitations, standards, or work practices. These certifications shall be submitted annually by June 1st, unless the applicable requirement specifies more frequent submission. These certifications shall be submitted to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri, 65102. All deviations and exceedances must be included in the compliance certifications. The compliance certification shall include the following:
- a) The identification of each term or condition of the permit that is the basis of the certification;
  - b) The current compliance status, as shown by monitoring data and other information reasonably available to the installation;
  - c) Whether compliance was continuous or intermittent;
  - d) The method(s) used for determining the compliance status of the installation, both currently and over the reporting period; and
  - e) Such other facts as the Air Pollution Control Program will require in order to determine the compliance status of this installation.

#### **10 CSR 10-6.065, §(5)(C)1 and §(6)(C)7 Emergency Provisions**

- 1) An emergency or upset as defined in 10 CSR 10-6.065(6)(C)7.A, shall constitute an affirmative defense to an enforcement action brought for non-compliance with technology-based emissions limitations. To establish an emergency- or upset-based defense, the permittee must demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence, the following:
- a) That an emergency or upset occurred and that the permittee can identify the source of the emergency or upset,
  - b) That the installation was being operated properly,
  - c) That the permittee took all reasonable steps to minimize emissions that exceeded technology-based emissions limitations or requirements in this permit, and
  - d) That the permittee submitted notice of the emergency to the Air Pollution Control Program within two working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and any corrective actions taken.
- 2) Be aware that an emergency or upset shall not include noncompliance caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

#### **10 CSR 10-6.065(5)(C)5 Off-Permit Changes**

- 1) Except as noted below, the permittee may make any change in its permitted installation's operations, activities or emissions that is not addressed in, constrained by or prohibited by this permit without obtaining a permit revision. Off-permit changes shall be subject to the following requirements and restrictions:

- a) The change must meet all applicable requirements of the Act and may not violate any existing permit term or condition; the permittee may not change a permitted installation without a permit revision if this change is a Title I modification; Please Note: Changes at the installation which affect the emission limitation(s) classifying the installation as an intermediate source (add additional equipment to the record keeping requirements, increase the emissions above major source level) do not qualify for off-permit changes.
- b) The permittee must provide written notice of the change to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri, 65102, as well as EPA Region VII, 901 North 5th Street, Kansas City, Kansas, 66101, no later than the next annual emissions report. This written notice shall describe each change, including the date, any change in emissions, pollutants emitted and any applicable requirement that would apply as a result of the change; and
- c) The permittee shall keep a record describing all changes made at the installation that result in emissions of a regulated air pollutant subject to an applicable requirement and the emissions resulting from these changes.

**10 CSR 10-6.020(2)(R)12 Responsible Official**

The application utilized in the preparation of this permit was signed by Mr. Dow Latham, Manager. On June 2, 2008, the Air Pollution Control Program was informed that Mr. Dow Latham is no longer the responsible official and Mr. Martin Crowder is now the responsible official. If this person terminates employment, or is re-assigned different duties such that a different person becomes the responsible person to represent and bind the installation in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the director of the Air Pollution Control Program of the change. Said notification shall be in writing and shall be submitted within thirty days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the installation in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the installation until such time that a revision to this permit is obtained that would change said representations, agreements and covenants.

**10 CSR 10-6.065 §(5)(E)4 and §(6)(E)6.A(III)(a)-(c) Reopening-Permit for Cause**

This permit may be reopened for cause if:

- 1) The Missouri Department of Natural Resources (MDNR) or EPA determines that the permit contains a material mistake or that inaccurate statements were made which resulted in establishing the emissions limitation standards or other terms of the permit,
- 2) Additional applicable requirements under the Act become applicable to the installation; however, reopening on this ground is not required if—:
  - a) The permit has a remaining term of less than three years;
  - b) The effective date of the requirement is later than the date on which the permit is due to expire; or
  - c) The additional applicable requirements are implemented in a general permit that is applicable to the installation and the installation receives authorization for coverage under that general permit,
- 3) MDNR or EPA determines that the permit must be reopened and revised to assure compliance with applicable requirements.

**10 CSR 10-6.065 §(5)(E)1.A and §(6)(E)1.C Statement of Basis**

This permit is accompanied by a statement setting forth the legal and factual basis for the permit conditions (including references to applicable statutory or regulatory provisions). This Statement of Basis, while referenced by the permit, is not an actual part of the permit.

## **VI. Attachments**

Attachments follow.





**Attachment C**

**Method 22 (Outdoor) Observation Log**

**Responsible Installation Operator:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Sky Condition:** \_\_\_\_\_

**Precipitation:** \_\_\_\_\_

**Wind Direction:** \_\_\_\_\_

**Wind Speed:** \_\_\_\_\_

**Process Unit:** \_\_\_\_\_

Sketch process unit: Indicate the position relative to the source and sun; mark the potential emission points and/or the observing points.

Observations	Clock Time	Observation Period Duration, min:sec	Accumulated Emission Time, min:sec
<b>Begin Observation</b>	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
<b>End Observation</b>	_____	_____	_____

**Attachment D**

**Method 9 Visual Determination of Opacity**

This attachment or an equivalent may be used to help meet the record keeping requirements of Method 9 Opacity Emissions Observations.

Method 9 Opacity Emissions Observations	
Company	Observer
Location	Observer Certification Date
Date	Emission Unit
Time	Control Device

Hour	Minute	Seconds				Steam Plume (check if applicable)		Comments
		0	15	30	45	Attached	Detached	
	0							
	1							
	2							
	3							
	4							
	5							
	6							
	7							
	8							
	9							
	10							
	11							
	12							
	13							
	14							
	15							
	16							
	17							
	18							

SUMMARY OF AVERAGE OPACITY				
Set Number	Time		Opacity	
	Start	End	Sum	Average

Readings ranged from \_\_\_\_\_ to \_\_\_\_\_ % opacity.

Was the emission unit in compliance at the time of evaluation? \_\_\_\_\_

YES NO

Signature of Observer \_\_\_\_\_

## STATEMENT OF BASIS

### Voluntary Limitations

In order to qualify for this Intermediate State Operating Permit, the permittee has accepted voluntary, federally enforceable emission limitations. Per 10 CSR 10-6.065(5)(C)1.A.(VI), if these limitations are exceeded, the installation immediately becomes subject to 10 CSR 10-6.065(6) and enforcement action for operating without a valid part 70 operating permit. It is the permittee's responsibility to monitor emission levels and apply for a part 70 operating permit far enough in advance to avoid this situation. This may mean applying more than eighteen months in advance of the exceedance, since it can take that long or longer to obtain a part 70 operating permit.

### Permit Reference Documents

These documents were relied upon in the preparation of the operating permit. Because they are not incorporated by reference, they are not an official part of the operating permit.

- 1) Intermediate Operating Permit Application, received October 18, 2007;
- 2) 2006 Emissions Inventory Questionnaire, received September 12, 2007;
- 3) U.S. EPA document AP-42, *Compilation of Air Pollutant Emission Factors*; Volume I, Stationary Point and Area Sources, Fifth Edition;
- 4) Construction Permit 0284-004, issued February 14, 1984, for construction of two new enclosed belt conveyors, leg, and distributor;
- 5) Construction Permit 0990-008, issued September 17, 1990, for construction of a continuous flow grain dryer;
- 6) Construction Permit 072001-001, issued June 22, 2001, for construction of replacement conveyors;
- 7) Construction Permit 052003-006, issued May 5, 2003, for installation of new 6,000 bushel/hr enclosed drag conveyor; and
- 8) Construction Permit 082004-017, issued August 26, 2004, for replacement of open conveyor system with enclosed conveyor system.

### Applicable Requirements Included in the Operating Permit but Not in the Application or Previous Operating Permits

In the operating permit application, the installation indicated they were not subject to the following regulation(s). However, in the review of the application, the agency has determined that the installation is subject to the following regulation(s) for the reasons stated.

None

### Other Air Regulations Determined Not to Apply to the Operating Permit

The Air Pollution Control Program (APCP) has determined that the following requirements are not applicable to this installation at this time for the reasons stated.

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#### 10 CSR 10-6.100, *Alternate Emission Limits*

This rule is not applicable because the installation is in an ozone attainment area.

#### 10 CSR 10-6.260, *Restriction of Emission of Sulfur Compounds*

All combustion equipment at the installation uses pipeline grade natural gas. Combustion equipment that uses exclusively pipeline grade natural gas as defined in 40 CFR 72.2 or liquefied petroleum gas as defined by American Society for Testing and Materials (ASTM), or any combination of these fuels is exempt from the requirements of this rule.

10 CSR 10-6.400, *Restriction of Emission of Particulate Matter from Industrial Processes*

The provisions of this rule does not apply to the receiving and shipping of whole grain from or into a railroad or truck transportation source at a grain elevator. [10 CSR 10-6.400(1)(B)3.]

**Construction Permit Revisions**

The following revisions were made to construction permits for this installation:

None.

**New Source Performance Standards (NSPS) Applicability**

10 CSR 10-6.070, *New Source Performance Regulations*

40 CFR Part 60, Subpart DD, *Standards of Performance for Grain Elevators*

The provisions of this subpart apply to each affected facility at any grain terminal elevator or any grain storage elevator which commences construction, modification, or reconstruction after August 3, 1978, and has a permanent storage capacity of more than 88,100 cubic meters (ca. 2.5 million U.S. bushels), except as provided under §60.304(b) and except those located at animal food manufacturers, pet food manufacturers, cereal manufacturers, breweries, and livestock feedlots except as provided under §60.304(b). The affected facilities are each truck unloading station, truck loading station, barge and ship unloading station, barge and ship loading station, railcar loading station, railcar unloading station, grain dryer, and all grain handling operations.

The installation is subject to this subpart and the affected facilities except the conveyor drop feeding the outside storage – grain bunker and those constructed prior to the applicability date of this subpart are listed as being subject to this subpart.

**Maximum Available Control Technology (MACT) Applicability**

None.

**National Emission Standards for Hazardous Air Pollutants (NESHAP) Applicability**

40 CFR Part 61 Subpart M, *National Emission Standard for Asbestos*, §61.145(a), Standard for demolition and renovation, applies to the installation.

This regulation has been included in the operating permit because it applies to any demolition or renovation (as outlined in 40 CFR 61.145) of buildings containing asbestos at the installation.

**Other Regulatory Determinations**

10 CSR 10-6.400, *Restriction of Emission of Particulate Matter From Industrial Process*

10 CSR 10-6.400 restricts the emission of particulate matter in the source gas of an operation or activity except where 10 CSR 10-2.040, 10 CSR 10-3.060, 10 CSR 10-4.040, 10 CSR 10-5.030 and/or 10 CSR 10-6.070 would be applied (see “Other Air Regulations Determined Not to Apply to the Operating Permit” section of the statement of basis) and the provisions of this rule does not apply to the following:

- 1) According to 10 CSR 10-6.400(1)(B)3., the receiving and shipping of whole grain from or into railroad or truck transportation source at a grain elevator are exempt from this rule.
  - Receiving Pit number 1 (EU0090)
  - Truck Loading (EU0150)– Loading truck with grain for shipment;
  - Portable Auger Conveyor (EU0180) – Conveyor to load grain into trucks;
- 2) According to 10 CSR 10-6.400(1)(B)7., the following fugitive sources are not subject to this rule.
  - Three Storage Bins (Vents) (EU0030, EU0040 & EU0050);
  - Receiving Leg number 1 (EU0080);
  - Two Opened Conveyors (EU0130);
  - Portable Auger Conveyor (EU0180)

- Grain Bunker – Grain conveying and storing in a storage bunker (EU0340)
- Grain Bunker – Dropping grain onto pile for storage (EU0350)

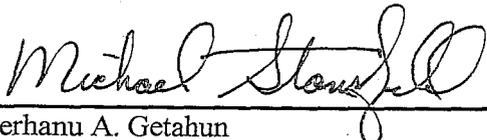
**Other Regulations Not Cited in the Operating Permit or the Above Statement of Basis**

Any regulation which is not specifically listed in either the Operating Permit or in the above Statement of Basis does not appear, based on this review, to be an applicable requirement for this installation for one or more of the following reasons.

- 1) The specific pollutant regulated by that rule is not emitted by the installation.
- 2) The installation is not in the source category regulated by that rule.
- 3) The installation is not in the county or specific area that is regulated under the authority of that rule.
- 4) The installation does not contain the type of emission unit which is regulated by that rule.
- 5) The rule is only for administrative purposes.

Should a later determination conclude that the installation is subject to one or more of the regulations cited in this Statement of Basis or other regulations which were not cited, the installation shall determine and demonstrate, to the Air Pollution Control Program's satisfaction, the installation's compliance with that regulation(s). If the installation is not in compliance with a regulation which was not previously cited, the installation shall submit to the Air Pollution Control Program a schedule for achieving compliance for that regulation(s).

Prepared by:

*for/*   
\_\_\_\_\_  
Berhanu A. Getahun  
Environmental Engineer