



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES
Air Pollution Control Program

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 herein.

Intermediate Operating Permit Number: OP2018-018

Expiration Date: FEB 08 2023

Installation ID: 187-0001

Project Number: 2016-12-063

Installation Name and Address

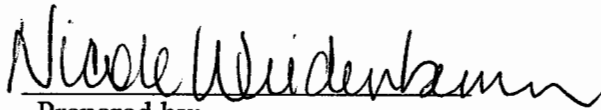
Lead Belt Materials Co., Inc.
600 Mill Street
Park Hills, MO 63601
St. Francois County

Parent Company's Name and Address

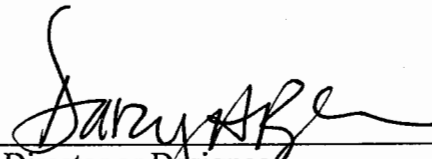
Lead Belt Materials Co., Inc.
P. O. Box 607
Park Hills, MO 63601

Installation Description:

The installation consists of four plants at one site; two rock crushing plants, referred to as Rock Crushing Plant #1 and Rock Crushing Plant #2, an asphalt plant, and a pugmill plant, all of which are owned by the permittee. The installation has accepted a voluntary limitation for particulate matter of a diameter of less than ten microns (PM₁₀) from the entire installation (all four plants) in order to qualify for this Intermediate Operating Permit.



Prepared by:
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Operating Permit Unit



Director or Designee
Department of Natural Resources

2/8/2018

Effective Date

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I. Installation Equipment Listing

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 Point #	Description of Emission Unit
<i>Asphalt Plant</i>	
EP-2	Drum Dryer
EP-4	Elevators, Screens, Bins and Mixer
EP-5G	Storage tank for gasoline, 1,020-gallon capacity
EP-6	Asphalt Plant Unpaved Haul Road, 0.2 mile
EP-6A1	Asphalt Plant Paved Haul Road, 0.6 miles
<i>Pugmill Plant</i>	
EP-1B	Pugmill Cold Bin
EP-30A	Diesel Engine on Pugmill
EP-2B	Pugmill Stockpile
EP-3B	Pugmill Paved Haul Road, 0.3 mile
<i>Rock Crushing Plant #1</i>	
EP-4A	Primary Crusher
EP-5A	Conveyor from Primary Crusher to Scalping Screen
EP-13A	Rock Crushing Plant #1 Stockpile
EP-16A	Pit to Rock Crushing Plant #1, Unpaved Haul Road, 0.1 mile
EP-16A1	Rock Crushing Plant #1 to Stockpile, Unpaved Haul Road, 0.1 mile
EP-16A3	Rock Crushing Plant #1 Sales Paved Haul Road, 0.5 mile
EP-20A	Conveyor, Clean Material
EP-22A	Secondary Impact Crusher
EP-11E	Diesel Engine on Secondary Rock Crusher Rock Crushing Plant #1
EP-23A	Conveyor, Underconveyor to Screen
EP-24A	Impact Crusher Screen
EP-25A	Conveyor, 42" return
EP-26A	Conveyor, 42" Underconveyor
EP-27A	Conveyor, 42" Underscreen
EP-28A	Conveyor, 42" cross
EP-29A	Conveyor
<i>Rock Crushing Plant #2</i>	
EP-2E	Primary Crusher
EP-12E	Diesel Engine on Rock Crushing Plant #2
EP-3E	Conveyor from Crusher to Screen
EP-4E	Conveyor from Screen to Crusher
EP-5E	Screen
EP-6E	Conveyor from Screen to Haul Roads
EP-7E	Conveyor from Screen to Haul Roads
EP-8E	Conveyor from Screen to Haul Roads

EP-9E	Rock Crushing Plant #2 Stockpile
EP-10E	Pit to Rock Crushing Plant #2, Unpaved Haul Road, 0.1 mile
EP-10E1	Rock Crushing Plant #2 to Stockpile, Unpaved Haul Road, 0.1 mile
EP-10E2	Unpaved Sales Haul Road, 0.2 miles
EP-10E3	Rock Crushing Plant #2 Sales Paved Haul Road, 0.5 mile

EMISSION UNITS WITHOUT SPECIFIC LIMITATIONS

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

<u>Emission Point #</u>	<u>Description of Emission Unit</u>
<i>Asphalt Plant</i>	
EP-1	Asphalt Plant Cold Bins
EP-3	Asphalt heater, 1.24 MMBtu/hr, natural gas or LPG fired
EP-5	Storage tank for asphalt, 25,000-gallon capacity
EP-5	2-Storage tanks for asphalt, 11,000-gallon capacity each
EP-5	5-Storage tanks for #2 diesel fuel oil: 1-12,785-gallon capacity, 1-1,000 gallon capacity, 1-940-gallon capacity, 2-120 gallon capacity each
EP-7	Hot Asphalt Silo Loading
EP-8	Hot Asphalt Loadout
<i>Rock Crushing Plant #1</i>	
EP-1A	Drilling for Rock Crushing Plant #1
EP-3A	Grizzly Feeder
EP-6A	Scalping Screen
EP-7A	Secondary Crusher
EP-8A	Conveyor from Secondary Crusher to Finish Screen
EP-9A	Finish Screen
EP-10A	Conveyor from Finish Screen to Secondary Crusher
EP-11A	Conveyor, Jaw Underconveyor
EP-12A	Conveyor, Finish Screen Cross
EP-14A	Conveyor from Finish Screen to Haul Trucks
EP-15A	Conveyor from Finish Screen to Haul Trucks
EP-17A	Unloading rock to Grizzly Feeder at Rock Crushing Plant #1
EP-18A	Bin on Primary Crusher with Underconveyor
EP-19A	Conveyors from Finish Screen to Haul Trucks
EP-21A	Impact Crusher Grizzly Feeder
<i>Rock Crushing Plant #2</i>	
EP-1E	Drilling for Rock Crushing Plant #2

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 as of the date that this permit is issued. The plant wide conditions apply to all emission units at this installation. This section applies to regulations that apply on an entire-installation wide basis. The following general conditions apply to all units contained in this permit, unless stated otherwise.

Monitoring:

The permittee shall calibrate, maintain and operate all pollution control devices and pollution monitoring related instruments according to the manufacturer's recommendations, or maintenance and operational history of similar units. All calibrations, maintenance, and operations shall occur according to good engineering practices. All manufacturing specifications and operational/maintenance histories shall be kept on site.

Recordkeeping:

1. The permittee shall record all required record keeping in an appropriate format.
2. Records may be kept electronically using database or workbook systems, as long as all required information is readily available for compliance determinations.
3. The permittee shall keep a copy of this operating permit and review on site as well as copies of all issued construction permits and reviews on site.
4. All records must be kept for a minimum of 5 years and be made available to department personnel upon request.

Performance Testing:

When performance testing is required by a condition of this permit, one electronic copy of a written report of the performance test results shall be submitted to stacktesting@dnr.mo.gov within the timeframe required by the regulation that requires the testing. If no time frame is specified, the report shall be submitted within sixty days. The report shall include legible copies of the raw data sheets, analytical instrument laboratory data, and complete sample calculations from the required U.S. EPA Method for at least one sample run.

Reporting:

1. The permittee shall report any exceedance of any of the terms imposed by this permit, or any malfunction which could cause an exceedance of any of the terms imposed by this permit, no later than ten days after the exceedance or event causing the exceedance (unless otherwise specified in the specific condition).
2. The permittee shall report any deviations from the monitoring, recordkeeping, and reporting requirements of this permit condition in the annual compliance certification.
3. All reports and certifications shall be submitted to the Air Pollution Control Program's Compliance and Enforcement Section, P.O. Box 176, Jefferson City, MO 65102 or AirComplianceReporting@dnr.mo.gov.

Permit Condition PW1
10 CSR 10-6.060 Construction Permits Required
Construction Permit No. 042009-008 Issued April 15, 2009

Emission Limitation:

1. Special Condition #2.A: The permittee shall ensure, while operating at this site, that the ambient impact of PM₁₀ at or beyond the nearest property boundary does not exceed 150µg/m³ in any 24-hour period, in accordance with the Federal NAAQS requirements (40 CFR 50.6).
2. Special Condition #2.B.: The total daily ambient impact of PM₁₀ at this site shall include the combined impact of the installation and any ambient background concentration from plants or equipment located on the same site as the installation.
3. Special Condition #4: The permittee shall emit into the atmosphere less than 100 tons of Carbon Monoxide (CO) from the four plants at this site in any consecutive 12-month period.

Operational Limitation:

1. Special Condition #10: The permittee shall only use uncontaminated nonmetallic minerals as the source material.
2. Special Condition #2.C.: This installation is permitted to operate under the following four conditions:
 - a. **Solitary Operation:**
 - i. Solitary Operation is defined as operation when no other installations are present on the property. During Solitary Operation, the plant must record its daily production to ensure that the National Ambient Air Quality Standard (NAAQS) is not exceeded.
 - b. **Concurrent Same-Owner Operation:**
 - i. Concurrent Same-Owner Operation is defined as operation when other plants owned by Lead Belt Material Co., Inc. are located on the property. During Concurrent Same-Owner Operation, Lead Belt Material Co., Inc. may balance and record the daily production from all plants such that the NAAQS is not exceeded.
 - c. **Concurrent Separate-Owner Operation:**
 - i. Concurrent Separate-Owner Operation is defined as operation when other plants not owned by the parent company are located on the property. During Concurrent Separate-Owner Operation, the plant must reduce its ambient impact to address the impact for the non-owned plants.
 - d. **Concurrent Same-and-Separate-Owner Operation:**
 - i. Concurrent Same-and-Separate-Owner Operation is defined as operation when plants owned by Lead Belt Material Co., Inc. and plants not owned by Lead Belt Material Co., Inc. are located on the property. During Concurrent Same-and-Separate-Owner Operation, Lead Belt Material Co., Inc. may balance the daily production from all owned plants with a reduced impact to amount for the impact from the non-owned plant to ensure that the NAAQS is not exceeded.
3. Special Condition #6: The distance to the nearest property boundary must be at least:

Plant Name	Maximum Hourly Design Rate (tons/hr)	Minimum Distance (ft)
Rock Crushing Plant #1	350	400
Rock Crushing Plant #2	350	500
Asphalt Plant	170	640
Pugmill	450	500

4. Best Management Practices: Special Condition # 1: The permittee shall control fugitive emissions from all of the haul roads and stockpiles at this site by performing *Best Management Practices* as detailed below.
 - a. For Haul Roads:
 - i. Pavement of Road Surfaces
 - A. The permittee may pave all or any portion of the haul roads with materials such as asphalt, concrete, and/or other material(s) after receiving approval from the program. The pavement will be applied in accordance with industry standards for such pavement so as to achieve “Control of Fugitive Emissions¹” while the plant is operating.
 - B. Maintenance and/or repair of the road surface will be conducted as necessary to ensure that the physical integrity of the pavement is adequate to achieve control of fugitive emissions from these areas while the plant is operating.
 - C. The permittee shall periodically water, wash and/or otherwise clean all of the paved portions of the haul road(s) as necessary to achieve control of fugitive emissions from these areas while the plant is operating.
 - ii. Usage of Chemical Dust Suppressants
 - A. The permittee shall apply a chemical dust suppressant (such as magnesium chloride, calcium chloride, lignosulfonates, etc.) to all the unpaved portions of the haul roads. The suppressant will be applied in accordance with the manufacturer’s suggested application rate (if available) and re-applied as necessary to achieve control of fugitive emissions from these areas while the plant is operating.
 - B. The quantities of the chemical dust suppressant shall be applied, re-applied and/or maintained sufficient to achieve control of fugitive emissions from these areas while the plant is operating.
 - C. The permittee shall record the time, date and the amount of material applied for each application of the chemical dust suppressant agent on the above areas. The permittee shall keep these records with the plant for not less than five (5) years, and the permittee shall make these records available to Department of Natural Resources personnel upon request.
 - iii. Usage of Documented Watering
 - A. The permittee shall control the fugitive emissions from all the unpaved portions of the haul roads at the installation by consistently and correctly using the application of a water spray. Documented watering will be applied in accordance with a recommended application rate of 100 gallons per day per 1,000 square feet of unpaved/untreated surface area of haul roads as necessary to achieve control of fugitive emissions from these areas while the plant is operating. For example, the permittee shall calculate the total square feet of unpaved vehicle activity area requiring control on any particular day, divide that product by 1,000, and multiply the quotient by 100 gallons for that day.
 - B. The permittee shall maintain a log that documents daily water applications. This log shall include, but is not limited to, date and volumes (e.g., number of tanker applications and/or total gallons used) of water application. The log shall also record rationale for not applying water on day(s) the plant is in operation (e.g., meteorological situations, precipitation events, freezing, etc.)
 - C. Meteorological precipitation of any kind, (e.g. a quarter inch or more rainfall, sleet, snow, and/or freeze thaw conditions) which is sufficient in the amount or condition to achieve control of fugitive emissions from these areas while the plant is operating.

¹ Control of Fugitive Emissions means to control particulate matter that is not collected by a capture system and visible emissions to the extent necessary to prevent violations of the air pollution law or regulation.

- D. Watering may also be suspended when the ground is frozen, during periods of freezing conditions when watering would be inadvisable for traffic safety reasons, or when there will be no traffic on the roads. The permittee shall record a brief description of such events in the same log as the documented watering.
- E. The permittee shall record the date and the amount of water applied for each application on the above areas. The permittee shall keep these records with the plant for not less than five (5) years, and the permittee shall make these records available to Department of Natural Resources personnel upon request.
- b. For Vehicle Activity Areas around Open Storage Piles:
 - i. Pavement of Stockpile Vehicle Activity Surfaces
 - A. The permittee may pave all or any portion of the vehicle activity areas around the storage piles with materials such as asphalt, concrete, and/or other material(s) after receiving approval from the program. The pavement will be applied in accordance with industry standards for such pavement so as to achieve control of fugitive emissions while the plant is operating.
 - B. Maintenance and/or repair of the road surface will be conducted as necessary to ensure that the physical integrity of the pavement is adequate to achieve control of fugitive emissions from these areas while the plant is operating.
 - C. The permittee shall periodically water, wash and/or otherwise clean all of the paved portions of the vehicle activity areas around the storage piles as necessary to achieve control of fugitive emissions from these areas while the plant is operating.
 - ii. Usage of Chemical Dust Suppressants
 - A. The permittee shall apply a chemical dust suppressant (such as magnesium chloride, calcium chloride, lignosulfonates, etc.) to all the vehicle activity areas around the open storage piles. The suppressant will be applied in accordance with the manufacturer's suggested application rate (if available) and re-applied as necessary to achieve control of fugitive emissions from these areas while the plant is operating.
 - B. The quantities of the chemical dust suppressant shall be applied, re-applied and/or maintained sufficient to achieve control of fugitive emissions from these areas while the plant is operating.
 - C. The permittee shall record the time, date and the amount of material applied for each application of the chemical dust suppressant agent on the above areas. The permittee shall keep these records with the plant for not less than five (5) years, and the permittee shall make these records available to Department of Natural Resources personnel upon request.
 - iii. Usage of Documented Watering
 - A. The permittee shall control the fugitive emissions from all the vehicle activity areas around the storage piles at the installation by consistently and correctly using the application of a water spray. Documented watering will be applied in accordance with a recommended application rate of 100 gallons per day per 1,000 square feet of unpaved/untreated surface area of vehicle activity areas around the storage piles as necessary to achieve control of fugitive emissions from these areas while the plant is operating. (Refer to example for documented watering of haul roads.)
 - B. The permittee shall maintain a log that documents daily water applications. This log shall include, but is not limited to, date and volumes (e.g., number of tanker applications and/or total gallons used) of water application. The log shall also record rationale for not applying water on day(s) the plant is in operations (e.g., meteorological situations, precipitation events, freezing, etc.)

- C. Meteorological precipitation of any kind, (e.g. a quarter inch or more rainfall, sleet, snow, and/or freeze thaw conditions) which is sufficient in the amount or condition to achieve control of fugitive emissions from these areas while the plant is operating.
- D. Watering may also be suspended when the ground is frozen, during periods of freezing conditions when watering would be inadvisable for traffic safety reasons, or when there will be no traffic on the roads. The permittee shall record a brief description of such events in the same log as the documented watering.
- E. The permittee shall record the date and the amount of water applied for each application on the above areas. The permittee shall keep these records with the plant for not less than five (5) years, and the permittee shall make these records available to Department of Natural Resources personnel upon request.

Monitoring/Recordkeeping:

- 1. Special Condition #2.D.: The permittee shall use Attachment PW1-PM₁₀, or equivalents, to demonstrate compliance with the PM₁₀ NAAQS emission limitation.
- 2. Special Condition #10: The permittee shall keep records indicating the source material used at this site is only nonmetallic minerals.
- 3. The permittee shall record the monthly and consecutive twelve month total of carbon monoxide emissions using Attachment PW1-CO, or equivalent.

Permit Condition PW2

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 of a diameter of less than ten microns (PM₁₀) from the entire installation (all four plants) at this site in any consecutive 12-month period.

Monitoring/Recordkeeping:

The permittee shall record the monthly and consecutive twelve month total of particulate matter less than ten microns using Attachment PW2 or an equivalent.

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.

Permit Condition 000			
10 CSR 10-6.070 New Source Performance Regulations and 40 CFR Part 60, Subpart A General Provisions and 40 CFR Part 60 Subpart OOO Standard for Performance for Nonmetallic Mineral Processing Plants			
Emission Unit	Description	Standard for Particulate Matter	Regulatory Citation
<i>Rock Crushing Plant #1</i>			
EP-4A	Primary Crusher, Cedarapids 3042, Installed 2002, MHDR=350 tons/hr	15% opacity	§60.672(b) and Table 3
EP-5A	Conveyor from Primary Crusher to Scalping Screen, Cedarapids, Installed 1987, MHDR=225 tons/hr	10% opacity	§60.672(b) and Table 3
EP-20A	Conveyor, Clean Material, Installed 1999, MHDR=250 tons/hr	10% opacity	§60.672(b) and Table 3
EP-21A	Impact Crusher Grizzly Feeder, 18'x 45.5' feeder, Installed July 2008, MHDR= 250 tons/hr	7% opacity	§60.672(b) and Table 3
EP-22A	Secondary Impact Crusher, Eagle Ultramax Model UM25, Installed July 2008, MHDR=250 tons/hr	12% opacity	§60.672(b) and Table 3
EP-23A	Conveyor, Underconveyor to Screen, Eagle, Installed July 2008, MHDR=250 tons/hr	7% opacity	§60.672(b) and Table 3
EP-24A	Impact Crusher Screen, 5'x16' screen, Installed July 2008, MHDR=250 tons/hr	7% opacity	§60.672(b) and Table 3
EP-25A	Conveyor, 42" return, Eagle, Installed July 2008, MHDR=250 tons/hr	7% opacity	§60.672(b) and Table 3
EP-26A	Conveyor, 42" underconveyor, Eagle, Installed July 2008, MHDR=250 tons/hr	7% opacity	§60.672(b) and Table 3
EP-27A	Conveyor, 42" underscreen, Eagle, Installed July 2008, MHDR=250 tons/hr	7% opacity	§60.672(b) and Table 3
EP-28A	Conveyor, 42" cross, Eagle, Installed July 2008, MHDR=250 tons/hr	7% opacity	§60.672(b) and Table 3
EP-29A	Conveyor, Eagle, Installed July 2008, MHDR=250 tons/hr	7% opacity	§60.672(b) and Table 3
<i>Rock Crushing Plant #2</i>			
EP-2E	Primary Crusher, Eagle Ultramax 1400-45, Installed 1999, MHDR=350 tons/hr	15% opacity	§60.672(b) and Table 3
EP-3E	Conveyor from Crusher to Screen, Superior Radial Stacker, Installed 1999, MHDR=350 tons/hr	10% opacity	§60.672(b) and Table 3
EP-4E	Conveyor from Screen to Crusher, Eagle Radial Stacker, Installed 1999, MHDR=350 tons/hr	10% opacity	§60.672(b) and Table 3

Permit Condition 000			
10 CSR 10-6.070 New Source Performance Regulations and 40 CFR Part 60, Subpart A General Provisions and 40 CFR Part 60 Subpart OOO Standard for Performance for Nonmetallic Mineral Processing Plants			
Emission Unit	Description	Standard for Particulate Matter	Regulatory Citation
EP-5E	Screen, Cedarapids 862038B, Installed 1999, MHDR=350 tons/hr	10% opacity	§60.672(b) and Table 3
EP-6E	Conveyor from Screen to Haul Roads, Eagle Radial Stacker, Installed 1999, MHDR=350 tons/hr	10% opacity	§60.672(b) and Table 3
EP-7E	Conveyor from Screen to Haul Roads, Eagle Radial Stacker, Installed 1999, MHDR=350 tons/hr	10% opacity	§60.672(b) and Table 3
EP-8E	Conveyor from Screen to Haul Roads, Eagle Radial Stacker, Installed 1999, MHDR=350 tons/hr	10% opacity	§60.672(b) and Table 3

Standard for particulate matter:

1. The permittee shall meet the requirements in Table 3 of this subpart for fugitive emissions. [§60.672(b) and Table 3]

For * * *	The permittee must meet the following fugitive emissions limit for grinding mills, screening operations, bucket elevators, transfer points on belt conveyors, bagging operations, storage bins, enclosed truck or railcar loading stations or from any other affected facility (as defined in §§60.670 and 60.671) * * *	The permittee must meet the following fugitive emissions limit for crushers at which a capture system is not used * * *	The permittee must demonstrate compliance with these limits by conducting * * *
Affected facilities (as defined in §§60.670 and 60.671) that commenced construction, modification, or reconstruction after August 31, 1983 but before April 22, 2008	10 percent opacity	15 percent opacity	An initial performance test according to §60.11 of this part and §60.675 of this subpart.
Affected facilities (as defined in §§60.670 and 60.671) that commence construction, modification, or reconstruction on or after April 22, 2008	7 percent opacity	12 percent opacity	An initial performance test according to §60.11 of this part and §60.675 of this subpart; and periodic inspections of water sprays according to §60.674(b) and §60.676(b).

2. Truck dumping of nonmetallic minerals into any screening operation, feed hopper, or crusher is exempt from the requirements of this section. [§60.672(d)]

Monitoring:

1. The permittee of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the permittee finds that water is not flowing properly during an inspection of the water spray nozzles. The permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under §60.676(b). [§60.674(b)]
 - a. If an affected facility relies on water carryover from upstream water sprays to control fugitive emissions, then that affected facility is exempt from the 5-year repeat testing requirement specified in Table 3 of this subpart provided that the affected facility meets the criteria in §60.674(b)(1)(i) and (ii): [§60.674(b)(1)]
 - i. The permittee of the affected facility conducts periodic inspections of the upstream water spray(s) that are responsible for controlling fugitive emissions from the affected facility. These inspections are conducted according to §60.674(b) and §60.676(b), and [§60.674(b)(1)(i)]
 - ii. The permittee of the affected facility designates which upstream water spray(s) will be periodically inspected at the time of the initial performance test required under §60.11 of this part and §60.675 of this subpart. [§60.674(b)(1)(ii)]
 - b. If an affected facility that routinely uses wet suppression water sprays ceases operation of the water sprays or is using a control mechanism to reduce fugitive emissions other than water sprays during the monthly inspection (for example, water from recent rainfall), the logbook entry required under §60.676(b) must specify the control mechanism being used instead of the water sprays. [§60.674(b)(2)]

Test methods and procedures:

At the time of permit issuance, the permittee has completed all testing required under Subpart OOO. If the permittee must conduct testing to demonstrate compliance with this regulation during the term of this permit, the permittee shall follow the test methods and procedures contained in §60.675.

Reporting and recordkeeping:

1. Each permittee seeking to comply with §60.670(d) shall submit to the director the following information about the existing facility being replaced and the replacement piece of equipment. [§60.676(a)]
 - a. For a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station: [§60.676(a)(1)]
 - i. The rated capacity in megagrams or tons per hour of the existing facility being replaced and [§60.676(a)(1)(i)]
 - ii. The rated capacity in tons per hour of the replacement equipment. [§60.676(a)(1)(ii)]
 - b. For a screening operation: [§60.676(a)(2)]
 - i. The total surface area of the top screen of the existing screening operation being replaced and [§60.676(a)(2)(i)]
 - ii. The total surface area of the top screen of the replacement screening operation. [§60.676(a)(2)(ii)]
 - c. For a conveyor belt: [§60.676(a)(3)]

- i. The width of the existing belt being replaced and [§60.676(a)(3)(i)]
- ii. The width of the replacement conveyor belt. [§60.676(a)(3)(ii)]
- d. For a storage bin: [§60.676(a)(4)]
 - i. The rated capacity in megagrams or tons of the existing storage bin being replaced and [§60.676(a)(4)(i)]
 - ii. The rated capacity in megagrams or tons of replacement storage bins. [§60.676(a)(4)(ii)]
- 2. Inspections [§60.676(b)]
 - a. The permittee of affected facilities (as defined in §§60.670 and 60.671) for which construction, modification, or reconstruction commenced on or after April 22, 2008, must record each periodic inspection required under §60.674(b), including dates and any corrective actions taken, in a logbook (in written or electronic format). The permittee must keep the logbook onsite and make hard or electronic copies (whichever is requested) of the logbook available to the director upon request. [§60.676(b)(1)]
- 3. The permittee of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in §60.672 of this subpart, including reports of opacity observations made using Method 9 (40 CFR part 60, appendix A-4) to demonstrate compliance with §60.672(b). [§60.676(f)]
- 4. The permittee of any wet material processing operation that processes saturated and subsequently processes unsaturated materials, shall submit a report of this change within 30 days following such change. At the time of such change, this screening operation, bucket elevator, or belt conveyor becomes subject to the applicable opacity limit in §60.672(b) and the emission test requirements of §60.11. [§60.676(g)]

Permit Condition MACT ZZZZ	
10 CSR 10-6.075, Maximum Achievable Control Technology Regulations; and 40 CFR Part 63 Subpart A-General Provisions; and 40 CFR Part 63 Subpart ZZZZ- National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	
Emission Unit	Description
<i>Pugmill Plant</i>	
EP-30A	Diesel Engine on Pugmill, John Deere, Installed 1990, MHDR=164 HP
<i>Rock Crushing Plant #1</i>	
EP-11E	Diesel Engine on Impact Crusher, Rock Crushing Plant #1, Cummins/QSK19-P , Installed 1999, MHDR= 400 HP
<i>Rock Crushing Plant #2</i>	
EP-12E	Diesel Engine on Primary Crusher, Rock Crushing Plant #2, John Deere, 13.5 L, Installed 2008, MHDR=375 HP

Applicability for EP-12E:

Emission Unit EP-12E meets the requirements of MACT ZZZZ by meeting the requirements of NSPS III. No further requirements apply for MACT ZZZZ. [§63.6590(c)]

Operational Limitations:

- 1. The permittee shall comply with the following requirements: [§63.6603(a) and Table 2d to MACT ZZZZ]

- a. For each emergency stationary CI RICE², the permittee must:
 - i. Change oil and filter every 500 hours of operation or annually, whichever comes first³;
 - ii. Inspect air cleaner every 1,000 of operation or annually, whichever comes first, and replace as necessary; and
 - iii. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.
2. The permittee must use diesel fuel that meets the following requirements, except that any existing diesel fuel purchased (or otherwise obtained) prior to January 1, 2015, may be used until depleted. [§63.66.04(b) and 40 CFR 80.510(b)]
 - a. A maximum sulfur content of 15 ppm. [80.510(b)(1)(i)]
 - b. A minimum cetane index of 40; or a maximum aromatic content of 35 volume percent. [80.510(b)(2)(i) and (ii)]

General Compliance Requirements:

1. The permittee shall be in compliance with the management practices that apply at all times. [§63.6605(a)]
2. At all times the permittee shall operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the director which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. [§63.6605(b)]

Monitoring, Operation, and Maintenance Requirements:

1. The permittee shall operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop a maintenance plan which shall provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. [§63.6625(e)]
2. The permittee shall install a non-resettable hour meter if one is not already installed. [§63.6625(f)]
3. For each emergency CI RICE: The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Table 2d to MACT ZZZZ. The oil analysis shall be performed at the same frequency specified for changing the oil in Table 2d to MACT ZZZZ. The analysis program shall at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new;

² If an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements on the schedule required in Table 2d of this subpart, or if performing the management practice on the required schedule would otherwise pose an unacceptable risk under federal, state, or local law, the management practice can be delayed until the emergency is over or the unacceptable risk under federal, state, or local law has abated. The management practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under federal, state, or local law has abated. Sources must report any failure to perform the management practice on the schedule required and the federal, state or local law under which the risk was deemed unacceptable.

³ Sources have the option to utilize an oil analysis program as described in §63.6625(i) or (j) in order to extend the specified oil change requirement in Table 2d of this subpart.

viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the permittee is not required to change the oil. If any of the limits are exceeded, the permittee shall change the oil within two business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the permittee shall change the oil within two business days or before commencing operation, whichever is later. The permittee shall keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program shall be part of the maintenance plan for the engine. [§63.6625(i)]

Continuous Compliance Requirements:

1. The permittee shall demonstrate continuous compliance as follows. [§63.6640(a) and Table 6 to MACT ZZZZ]
 - a. Operating and maintaining the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions; or
 - b. Develop and follow your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.
2. The permittee must report each instance in which the permittee did not meet each operating limitation in Table 2d to this subpart that apply. These instances are deviations from the emission and operating limitations in this subpart. These deviations must be reported according to the requirements in §63.6650. [§63.6640(b)]
3. The permittee shall report each instance in which the permittee did not meet the requirements in Table 8 to MACT ZZZZ that apply. [§63.6640(e)]
4. The permittee shall operate the emergency stationary RICE according to the requirements in §63.6640(f)(1) through (4). In order for the engine to be considered an emergency stationary RICE under MACT ZZZZ, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in §63.6640(f)(1) through (4), is prohibited. If the permittee does not operate the engine according to the requirements in §63.6640(f)(1) through (4), the engine will not be considered an emergency engine under MACT ZZZZ and shall meet all requirements for non-emergency engines. [§63.6640(f)]
 - a. There is no time limit on the use of emergency stationary RICE in emergency situations. [§63.6640(f)(1)]
 - b. The permittee may operate the emergency stationary RICE for any combination of the purposes specified in §63.6640(f)(2)(i) for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by §63.6640(f)(4) counts as part of the 100 hours per calendar year allowed by this paragraph. [§63.6640(f)(2)]
 - i. Emergency stationary RICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The permittee may petition the director for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the permittee maintains records indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year. [§63.6640(f)(2)(i)]

- c. Emergency stationary RICE located at area sources of HAP may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in §63.6640(f)(2). Except as provided in §63.6640(f)(4)(ii), the 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity. [§63.6640(f)(4)]
- i. The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met: [§63.6640(f)(4)(ii)]
- A. The engine is dispatched by the local balancing authority or local transmission and distribution system operator. [§63.6640(f)(4)(ii)(A)]
 - B. The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region. [§63.6640(f)(4)(ii)(B)]
 - C. The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines. [§63.6640(f)(4)(ii)(C)]
 - D. The power is provided only to the facility itself or to support the local transmission and distribution system. [§63.6640(f)(4)(ii)(D)]
 - E. The permittee identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the permittee. [§63.6640(f)(4)(ii)(E)]

General Provisions:

The permittee shall comply with §§63.1 through 63.15 as specified by Table 8 to MACT ZZZZ.

Recordkeeping and Reporting:

1. The permittee must submit each report in Table 7 of MACT ZZZZ that applies. [§63.6650(a)]
2. Unless the Administrator has approved a different schedule for submission of reports under §63.10(a), the permittee must submit each report by the date in Table 7 of MACT ZZZZ and according to the requirements in §63.6650(b)(1) through (b)(9). [§63.6650(b)]
 - a. For semiannual Compliance reports, the report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31. [§63.6650(b)(3)]
 - b. For semiannual Compliance reports, the report must be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period. [§63.6650(b)(4)]
 - c. For each stationary RICE that is subject to permitting regulations pursuant to 40 CFR part 70, and if the permitting authority has established dates for submitting semiannual reports pursuant to 40 CFR 70.6(a)(3)(iii)(A), the permittee may submit the subsequent Compliance reports according to the dates the permitting authority has established instead of according to the dates in §63.6650(b)(1) through (b)(4). [§63.6650(b)(5)]
 - d. For annual Compliance reports, the report must cover the annual reporting period from January 1

- through December 31. [§63.6650(b)(8)]
- e. For annual Compliance reports, the report must be postmarked or delivered no later than January 31. [§63.6650(b)(9)]
3. The Compliance report must contain the information in §63.6650(c)(1) through (6). [§63.6650(c)]
- a. Company name and address. [§63.6650(c)(1)]
- b. Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report. [§63.6650(c)(2)]
- c. Date of report and beginning and ending dates of the reporting period. [§63.6650(c)(3)]
- d. The compliance report must include a description of actions taken by the permittee during a malfunction of an affected source to minimize emissions in accordance with §63.6605(b), including actions taken to correct a malfunction. [§63.6650(c)(4)]
- e. If there are no deviations from any emission or operating limitations that apply, a statement that there were no deviations from the emission or operating limitations during the reporting period. [§63.6650(c)(5)]
4. For each deviation from an operating limitation that occurs, the Compliance report must contain the information in §63.6650(c)(1) through (4) and the information in §63.6650(d)(1) and (2). [§63.6650(d)]
- a. The total operating time of the stationary RICE at which the deviation occurred during the reporting period. [§63.6650(d)(1)]
- b. Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken. [§63.6650(d)(2)]
5. Each affected source that has obtained a title V operating permit pursuant to 40 CFR part 70 must report all deviations as defined in this subpart in the semiannual monitoring report required by 40 CFR 70.6 (a)(3)(iii)(A). If an affected source submits a Compliance report pursuant to Table 7 of this subpart along with, or as part of, the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A), and the Compliance report includes all required information concerning deviations from any operating limitation in this subpart, submission of the Compliance report shall be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report. However, submission of a Compliance report shall not otherwise affect any obligation the affected source may have to report deviations from permit requirements to the permit authority. [§63.6650(f)]
6. For engines that operate for the purpose specified in §63.6640(f)(4)(ii), the permittee must submit an annual report according to the requirements in §63.6650(h)(1) through (3). The permittee shall submit an annual report according to the requirements in §63.6650(h)(1) through (3). [§63.6650(h)]
- a. The report shall contain the following information: [§63.6650(h)(1)]
- i. Company name and address where the engine is located. [§63.6650(h)(1)(i)]
- ii. Date of the report and beginning and ending dates of the reporting period. [§63.6650(h)(1)(ii)]
- iii. Engine site rating and model year. [§63.6650(h)(1)(iii)]
- iv. Latitude and longitude of the engine in decimal degrees reported to the fifth decimal place. [§63.6650(h)(1)(iv)]
- v. Hours spent for operation for the purpose specified in §63.6640(f)(4)(ii), including the date, start time, and end time for engine operation for the purposes specified in §63.6640(f)(4)(ii). The report shall also identify the entity that dispatched the engine and the situation that necessitated the dispatch of the engine. [§63.6650(h)(1)(vii)]
- vi. If there were no deviations from the fuel requirements in §63.6604 that apply to the engine, a statement that there were no deviations from the fuel requirements during the reporting period. [§63.6650(h)(1)(viii)]

Permit Condition NSPS III	
10 CSR 10-6.070, New Source Performance Regulations; and 40 CFR Part 60 Subpart A-General Provisions 40 CFR Part 60 Subpart III—Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	
Emission Unit	Description
<i>Rock Crushing Plant #2</i>	
EP-12E	Diesel Engine on Primary Crusher, Rock Crushing Plant #2, John Deere, 13.5 L, Installed 2008, MHDR=375 HP

Emission Limitations:

1. The permittee must comply with the emission standards for new nonroad CI engines in §60.4202, for all pollutants, for the same model year and maximum engine power for their 2007 model year and later emergency stationary CI ICE. [§60.4205(b)]
2. The certification emission standards for new nonroad CI engines for the same model year and maximum engine power in 40 CFR 89.112 and 40 CFR 89.113 for all pollutants beginning in model year 2007. [§60.4202(a)(2)]
 - a. NMHC+NOX: 4.0 g/kW-hr [40 CFR 89.112, Table 1]
 - b. CO: 3.5 g/kW-hr [40 CFR 89.112, Table 1]
 - c. PM: 0.20 g/kW-hr [40 CFR 89.112, Table 1]
 - d. Exhaust opacity must not exceed: [40 CFR 89.113(a)]
 - i. 20 percent during the acceleration mode; [40 CFR 89.113(a)(1)]
 - ii. 15 percent during the lugging mode; and [40 CFR 89.113(a)(2)]
 - iii. 50 percent during the peaks in either the acceleration or lugging modes. [40 CFR 89.113(a)(3)]
3. The permittee must operate and maintain stationary CI ICE that achieve the emission standards as required in §60.4205 over the entire life of the engine. [§60.4206]

Operational Limitations:

1. The permittee must use diesel fuel that meets the following requirements, except that any existing diesel fuel purchased (or otherwise obtained) prior to October 1, 2010, may be used until depleted. [§60.4207(b) and §80.510(b)]
 - a. A maximum sulfur content of 15 ppm. [80.510(b)(1)(i)]
 - b. A minimum cetane index of 40; or a maximum aromatic content of 35 volume percent. [80.510(b)(2)(i) and (ii)]

Monitoring, Operation, and Maintenance Requirements:

1. The permittee must install a non-resettable hour meter prior to startup of the engine. [§60.4209(a)]
2. The permittee must do all of the following, except as permitted under §60.4211(g): [§60.4211(a)]
 - a. Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's emission-related written instructions; [§60.4211(a)(1)]
 - b. Change only those emission-related settings that are permitted by the manufacturer; and [§60.4211(a)(2)]
 - c. Meet the requirements of 40 CFR parts 89, 94 and/or 1068, as they apply. [§60.4211(a)(3)]
3. The permittee must comply by purchasing an engine certified to the emission standards in §60.4205(b), as applicable, for the same model year and maximum engine power. The engine must

be installed and configured according to the manufacturer's emission-related specifications, except as permitted in §60.4211(g). [§60.4211(c)]

4. The permittee must operate the emergency stationary ICE according to the requirements in §60.4211(f)(1) through (3). In order for the engine to be considered an emergency stationary ICE under this subpart, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in §60.4211(f)(1) through (3), is prohibited. If the permittee does not operate the engine according to the requirements in §60.4211(f)(1) through (3), the engine will not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines. [§60.4211(f)]
 - a. There is no time limit on the use of emergency stationary ICE in emergency situations. [§60.4211(f)(1)]
 - b. You may operate your emergency stationary ICE for any combination of the purposes specified in paragraphs (f)(2)(i) through (iii) of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraph (f)(3) of this section counts as part of the 100 hours per calendar year allowed by this paragraph (f)(2). [§60.4211(f)(2)]
 - i. Emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year. [§60.4211(f)(2)(i)]
 - c. Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in paragraph (f)(2) of this section. Except as provided in paragraph (f)(3)(i) of this section, the 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity. [§60.4211(f)(3)]
 - i. The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met: [§60.4211(f)(3)(i)]
 - A. The engine is dispatched by the local balancing authority or local transmission and distribution system operator; [§60.4211(f)(3)(i)(A)]
 - B. The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region. [§60.4211(f)(3)(i)(B)]
 - C. The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines. [§60.4211(f)(3)(i)(C)]
 - D. The power is provided only to the facility itself or to support the local transmission and distribution system. [§60.4211(f)(3)(i)(D)]

- E. The owner or operator identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator. [§60.4211(f)(3)(i)(E)]
5. If the permittee does not install, configure, operate, and maintain the engine and control device according to the manufacturer's emission-related written instructions, or changes emission-related settings in a way that is not permitted by the manufacturer, the permittee must demonstrate compliance as described in §60.4211(g).

General Provisions:

The permittee shall comply with §§63.1 through 63.15 as specified by Table 8 to NSPS IIII.

Recordkeeping and Reporting:

1. The permittee is not required to submit an initial notification. The permittee must keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. The permittee must record the time of operation of the engine and the reason the engine was in operation during that time. [§60.4214(b)]
2. The permittee that owns or operates an emergency stationary CI ICE that operates or is contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in §60.4211(f)(3)(i), the permittee must submit an annual report according to the requirements in §60.4214(d)(1) through (3). [§60.4214(d)]
 - a. The report must contain the following information: [§60.4214(d)(1)]
 - i. Company name and address where the engine is located. [§60.4214(d)(1)(i)]
 - ii. Date of the report and beginning and ending dates of the reporting period. [§60.4214(d)(1)(ii)]
 - iii. Engine site rating and model year. [§60.4214(d)(1)(iii)]
 - iv. Latitude and longitude of the engine in decimal degrees reported to the fifth decimal place. [§60.4214(d)(1)(iv)]
 - v. Hours spent for operation for the purposes specified in §60.4211(f)(3)(i), including the date, start time, and end time for engine operation for the purposes specified in §60.4211(f)(3)(i). The report must also identify the entity that dispatched the engine and the situation that necessitated the dispatch of the engine. [§60.4214(d)(1)(vii)]
 - b. Subsequent annual reports for each calendar year must be submitted no later than March 31 of the following calendar year. [§60.4214(d)(2)]
 - c. The annual report must be submitted electronically using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written report must be submitted to the Administrator at the appropriate address listed in §60.4. [§60.4214(d)(3)]

Permit Condition MACT CCCCCC	
10 CSR 10-6.075, Maximum Achievable Control Technology Regulations 40 CFR Part 63, Subpart A General Provisions Subpart CCCCCC, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities	
Emission Unit	Description
<i>Asphalt Plant</i>	
EP-5G	Storage tank for gasoline, 1,020-gallon capacity

Applicability:

1. The permittee with a GDF with a monthly throughput of less than 10,000 gallons of gasoline must comply with the requirements in §63.11116. [§63.11111(b)]
2. The permittee shall, upon request by the Administrator, demonstrate the monthly throughput is less than 10,000 gallons. Recordkeeping to document monthly throughput must begin in January 10, 2008. [§63.11111(e)]
3. If the throughput of the GDF ever exceeds an applicable throughput threshold, the permittee shall remain subject to the requirements for sources above the threshold, even if the throughput later falls below the applicable throughput threshold. [§63.11111(i)]

Emission Limitations:

1. The permittee must, at all times, operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. [§63.11115(a)]
2. The permittee must not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following: [§63.11116(a)(1) through (4)]
 - a. Minimize gasoline spills;
 - b. Clean up spills as expeditiously as practicable;
 - c. Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use;
 - d. Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.
3. The permittee is not required to submit notifications or reports as specified in §63.11125, §63.11126, or subpart A of this part, but must have records available within 24 hours of a request by the Administrator to document the gasoline throughput. [§63.11116(b)]
4. Portable gasoline containers that meet the requirements of 40 CFR part 59, subpart F, are considered acceptable for compliance with §63.1116(a)(3). [§63.11116(d)]

Recordkeeping:

The permittee shall keep records as specified in §63.11125(d)(1) and (2). [§63.11125(d)]

1. Records of the occurrence and duration of each malfunction of operation (*i.e.*, process equipment) or the air pollution control and monitoring equipment. [§63.11125(d)(1)]
2. Records of actions taken during periods of malfunction to minimize emissions in accordance with §63.11115(a), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [§63.11125(d)(2)]

Permit Condition 082005-023	
10 CSR 10-6.060 Construction Permits Required	
Construction Permit No. 082005-023, Issued August 29, 2005	
Emission Unit	Description
<i>Asphalt Plant</i>	
EP-2	Drum Dryer, Combusts Natural Gas, Cedarrapids 7224B, Installed 1969, MHDR=170 tons/hr, 96.8 MMBtu/hr. Controlled by Cyclone and Wet Scrubber
EP-4	Elevators, screens, bins, mixer, Cedarrapids H340, Installed 1969, MHDR=170 tons/hr. Controlled by Cyclone and Wet Scrubber.
<i>Pugmill</i>	
EP-2B	Pugmill stockpile
<i>Rock Crushing Plant #1</i>	
EP-04A	Primary Crusher, Cedarrapids 3042, Installed 2002, MHDR=350 tons/hr
EP-13A	Rock Crushing Plant #1 Stockpile
<i>Rock Crushing Plant #2</i>	
EP-2E	Primary Crusher, Eagle Ultramax 1400-45, Installed 1999, MHDR=350 tons/hr
EP-9E	Rock Crushing Plant #2 Stockpile

Operational Limitations:

1. Scenario 1, Special Condition #6 and Scenario 2, Special Condition #6 : The permittee shall control particulate matter emissions from the Drum Dryer (EP-2) and the Hot Elevators (EP-4) with a cyclone and wet scrubber. The wet scrubber shall be maintained to ensure 98% control efficiency.
2. Special Condition #6A: The cyclone and wet scrubber shall be in use at all times that the asphalt plant is producing asphalt concrete, and shall be operated and maintained in accordance with the manufacturer’s specifications, which shall be kept on site.
3. Special Condition #6B: The wet scrubber shall have affixed to it a plate inscribed with the manufacturer’s design flow rate to the scrubber.
4. Special Condition #6C: The wet scrubber shall be fitted with a device, which will provide an easily read indication of the flow rate to the scrubber. This device shall be located near the inscribed plate, and shall read in the same units.

Moisture Content Testing of Processed Rock:

1. Scenario 1, Special Condition #7 and Scenario 2, Special Condition #7: The permittee shall conduct moisture content tests to maintain 1.5% by weight moisture content of the processed rock.
2. Scenario 1, Special Condition #7A and Scenario 2, Special Condition #7A : The permittee shall conduct moisture content tests in accordance with the test methods and procedures prescribed in the *American Society for Testing Materials (ASTM), Designation D-2216 Standard Test Methods for Laboratory Determination of Water (moisture) Content of Soil or Rock, ASTM C-566, Standard*

Test Method for Total Moisture Content of Aggregate by Drying or other moisture content testing method(s) approved by the director. Rock samples shall be obtained prior to primary emission units EP-04A and EP-2E.

3. Scenario 1, Special Condition #7B and Scenario 2, Special Condition #7B: The permittee shall submit two copies of a written report of the moisture content test within 30 days of completion of the tests and shall include the wet weight, dry weight, drying time and moisture content of each rock sample, the test date, and the name and title of the individual performing the moisture content analysis. The permittee shall maintain a record of the above testing information on site.
4. Scenario 1, Special Condition #7C and Scenario 2, Special Condition #7C: If the first test should indicate the inherent moisture content of the rock is less than 1.5% by weight, a second test will be required within 30 days. If two consecutive series of test results should indicate the final moisture content of the rock is less than 1.5% by weight, then the permittee will immediately amend this construction permit.
5. The permittee shall conduct moisture content testing of the processed rock as described above on an annual basis, with the test occurring in either July or August.

Moisture Content Testing of Stockpiles Requirement:

1. Scenario 1, Special Condition #8A and Scenario 2, Special Condition #8A : The permittee shall conduct periodic moisture content tests to maintain 2.0% by weight moisture content of the stockpiled rock.
2. Scenario 1, Special Condition #8B and Scenario 2, Special Condition #8B : The permittee shall conduct moisture content tests in accordance with the test methods and procedures prescribed in the *American Society for Testing Materials (ASTM), Designation D-2216 Standard Test Methods for Laboratory Determination of Water (moisture) Content of Soil or Rock, ASTM C-566, Standard Test Method for Total Moisture Content of Aggregate by Drying* or other moisture content testing method(s) approved by the director. The first test must occur within 45 days of the startup of operation. A second test shall be conducted within six months of the first test. An additional test will be done within one year of the second test, or on an alternate schedule if requested by the installation and approved by the director. Rock samples shall be obtained from emission units EP-13A, EP-9E, and EP-2B.
3. Special Condition #8C: Two copies of a written report of the moisture content test shall be submitted to the director within 30 days of completion of the required tests and shall include the wet weight, dry weight, drying time and moisture content of each rock sample, the test date, and the name and title of the individual performing the moisture content analysis. The permittee shall maintain a record of the above testing information on site.
4. Scenario 1, Special Condition #8D and Scenario 2, Special Condition #8D: If the first test should indicate the final moisture content of the stockpiled rock is less than two percent by weight, a second test will be required within 30 days. If two consecutive series of test results should indicate the final moisture content of the rock is less than two percent by weight, the installation will immediately amend this construction permit.
5. The permittee shall conduct moisture content testing of the stockpiles as described above on an annual basis, with the test occurring in either July or August.

Recordkeeping/Reporting:

1. The permittee shall maintain an operation and maintenance log for the cyclone and wet scrubber. The permittee shall use Attachment Inspection Log, or equivalent, to demonstrate compliance.
2. The permittee shall monitor and record the scrubber flow rate on a daily basis.

Permit Condition 042009-008	
10 CSR 10-6.060 Construction Permits Required Construction Permit No. 042009-008, Issued April 15, 2009	
Emission Unit	Description
<i>Rock Crushing Plant #1</i>	
EP-11E	Diesel Engine on Impact Crusher, Rock Crushing Plant #1, Cummins/QSK19-P , Installed 1999, MHDR= 400 HP
<i>Rock Crushing Plant #2</i>	
EP-12E	Diesel Engine on Primary Crusher, Rock Crushing Plant #2, John Deere, 13.5 L, Installed 2008, MHDR=375 HP

Emission Limitations:

1. Special Condition #3: The permittee shall emit less than 40.0 tons of NOx into the atmosphere in any consecutive 12 month period from the following two units combined:
 - a. EP-11E: Diesel Engine (Rock Crushing Plant #1) and
 - b. EP-12E: Diesel Engine (Rock Crushing Plant #2)

Recordkeeping/Reporting:

1. The permittee shall monitor and record the monthly and consecutive 12 month NOx emissions from these emission units.
2. The permittee shall use Attachment 042009-008, or equivalent, to demonstrate compliance.

Permit Condition 6.220	
10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants	
Emission Unit	Description
<i>Asphalt Plant</i>	
EP-2	Drum Dryer, Combusts Natural Gas, Cedarrapids 7224B, Installed 1969, MHDR 170 tons/hr, 96.8 MMBtu/hr. Controlled by Cyclone and Wet Scrubber
EP-4	Elevators, screens, bins, mixer, Cedarrapids H340, Installed 1969, MHDR 170 tons/hr. Controlled by Cyclone and Wet Scrubber

Emissions Limitation:

1. The permittee shall not cause or permit to be discharged into the atmosphere from any emission unit any visible emissions greater than the 40% opacity for any continuous six minute period. [6.220(3)(A)1.]
2. Exceptions allowed in one continuous six minute period: The permittee may emit 60% opacity from any emission unit for one continuous six-minute period in any sixty minutes. [6.220(3)(A)2.]

Monitoring:

1. The permittee shall conduct visible emissions observations on each emission unit using USEPA Test Method 22 like procedures. The permittee is only required to make observations when the emission unit is operating and when the weather conditions allow. If the permittee observes no visible emissions, then a Method 9 observation is not required. For emission units with visible emissions, the source representative would then conduct a Method 9 observation.
2. The permittee must maintain the following monitoring schedule:

- a. The permittee shall conduct weekly observations for a minimum of eight (8) consecutive weeks after permit issuance.
- b. Should the permittee observe no violations of this regulation during this period then-
 - i. The permittee may observe once every two (2) weeks for a period of eight (8) weeks.
 - ii. If a violation is noted, monitoring reverts to weekly.
 - iii. Should no violation of this regulation be observed during this period then-
 - A. The permittee may observe once per month.
 - B. 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.

Recordkeeping:

The permittee shall maintain records of all observation results using Attachments Method 22, Method 9 and Inspection Log (or equivalents), noting:

1. Whether any air emissions (except for water vapor) were visible from the emission units;
2. All emission units from which visible emissions occurred;
3. The permittee shall maintain records of any equipment malfunctions, which may contribute to visible emissions; and,
4. The permittee shall maintain records of all USEPA Method 9 opacity tests performed.

Permit Condition 6.260	
10 CSR 10-6.260 Restriction of Emission of Sulfur Compounds	
Emission Unit	Description
<i>Pugmill Plant</i>	
EP-30A	Diesel Engine on Pugmill, John Deere, Installed 1990, MHDR=164 HP
<i>Rock Crushing Plant #1</i>	
EP-11E	Diesel Engine on Impact Crusher, Rock Crushing Plant #1, Cummins/QSK19-P , Installed 1999, MHDR= 400 HP
<i>Rock Crushing Plant #2</i>	
EP-12E	Diesel Engine on Primary Crusher, Rock Crushing Plant #2, John Deere, 13.5 L, Installed 2008, MHDR=375 HP

Note: This regulation was rescinded from the code of state regulations (CSR). However, this regulation is still contained in Missouri’s State Implementation Plan (SIP). This regulation is a federally enforceable requirement until it is removed from the SIP.

Emission Limitation:

The permittee shall not cause or permit the emission into the atmosphere gases containing more than five hundred parts per million by volume (500 ppmv) of sulfur dioxide of more than thirty-five milligrams per cubic meter (35 mg/m³) of sulfuric acid or sulfur trioxide or any combination of those gases averaged on any consecutive three hour time period.

Monitoring/Recordkeeping:

None, See Statement of Basis

Reporting:

1. The permittee shall report any exceedance of any of the terms imposed by this permit condition, or any malfunction which could cause an exceedance of any of the terms imposed by this permit condition, no later than ten days after the exceedance or event causing the exceedance. The permittee shall submit these reports to EPA Region VII, 11201 Renner Blvd., Lenexa, KS 66219.
2. The permittee shall report any deviations from the monitoring, recordkeeping, and reporting requirements of this permit condition in the semi-annual monitoring report (SAM) and annual compliance certification (ACC). The permittee shall submit the SAM and ACC reports to both the EPA Region VII and Air Pollution Control Program's Compliance and Enforcement Section, P.O. Box 176, Jefferson City, MO 65102 or AirComplianceReporting@dnr.mo.gov.

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. The following are only excerpts from the regulation or code, and are provided for summary purposes only.

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. 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.

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. 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 to the director in writing at least ten days prior to any maintenance, start-up or shutdown activity 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, notice shall be given as soon as practicable prior to the activity.
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 15 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. The permittee shall retain the most current operating permit issued to this installation on-site. The permittee shall immediately make such permit available to any Missouri Department of Natural Resources personnel upon request.

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

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.

10 CSR 10-6.110 Reporting of Emission Data, Emission Fees and Process Information

1. The permittee shall submit a Full Emissions Report either electronically via MoEIS, which requires Form 1.0 signed by an authorized company representative, or on Emission Inventory Questionnaire (EIQ) paper forms on the frequency specified in this rule and in accordance with the requirements outlined in this rule. Alternate methods of reporting the emissions, such as spreadsheet file, can be submitted for approval by the director.
2. Public Availability of Emission Data and Process Information. Any information obtained pursuant to the rule(s) of the Missouri Air Conservation Commission that would not be entitled to confidential treatment under 10 CSR 10-6.210 shall be made available to any member of the public upon request.
3. The permittee shall submit a full EIQ for the 2017 and 2020 reporting years. In the interim years the installation may submit a Reduced Reporting Form; however, if the installation's emissions increase or decrease by more than five tons when compared to their last submitted full EIQ, the installation shall submit a full EIQ rather than a Reduced Reporting Form.
4. In addition to the EIQ submittal schedule outlined above, any permit issued under 10 CSR 10-6.060 section (5) or (6) triggers a requirement that a full EIQ be submitted in the first full calendar year after the permitted equipment initially operates.

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 10-6.165 Restriction of Emission of Odors

This is a State Only permit requirement.

No person may cause, permit or allow the emission of odorous matter in concentrations and frequencies or for durations that odor can be perceived when one volume of odorous air is diluted with seven volumes of odor-free air for two separate trials not less than 15 minutes apart within the period of one hour.

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

Emission Limitation:

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.

Monitoring:

The permittee shall conduct inspections of its facilities sufficient to determine compliance with this regulation. If the permittee discovers a violation, the permittee shall undertake corrective action to eliminate the violation.

The permittee shall maintain the following monitoring schedule. Issuance of a renewal operating permit does not restart the schedule.

1. The permittee shall conduct weekly observations for a minimum of eight (8) consecutive weeks after permit issuance.
2. Should no violation of this regulation be observed during this period then-
 - a. The permittee may observe once every two (2) weeks for a period of eight (8) weeks.
 - b. If a violation is noted, monitoring reverts to weekly.

- c. Should no violation of this regulation be observed during this period then-
 - i. The permittee may observe once per month.
 - ii. If a violation is noted, monitoring reverts to weekly.
3. If the permittee reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner to the initial monitoring frequency.

Recordkeeping:

The permittee shall document all readings on Attachment 6.170, or its equivalent, noting the following:

1. Whether air emissions (except water vapor) remain visible in the ambient air beyond the property line of origin.
2. Whether equipment malfunctions contributed to an exceedance.
3. Any violations and any corrective actions undertaken to correct the violation.

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 10-6.280 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 at an installation:
 - 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.

40 CFR Part 82 Protection of Stratospheric Ozone (Title VI)

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 40 CFR §82.106.
 - b. The placement of the required warning statement must comply with the requirements of 40 CFR §82.108.
 - c. The form of the label bearing the required warning statement must comply with the requirements of 40 CFR §82.110.
 - d. No person may modify, remove, or interfere with the required warning statement except as described in 40 CFR §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 of 40 CFR Part 82:
 - a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices described in 40 CFR §82.156.
 - b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment described in 40 CFR §82.158.
 - c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR §82.161.
 - d. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with the record keeping requirements of 40 CFR §82.166. ("MVAC-like" appliance as defined at 40 CFR §82.152).
 - e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR §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 40 CFR §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 contained 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.
5. 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.*

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, §(6)(C)1.B, §(5)(E)2.C 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. If a timely and complete application for a permit renewal is submitted, but the Air Pollution Control Program fails to take final action to issue or deny the renewal permit before the end of the term of this permit, this permit shall not expire until the renewal permit is issued or denied.

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, Compliance and Enforcement Section, P. O. Box 176, Jefferson City, MO 65102 or AirComplianceReporting@dnr.mo.gov.
 - 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 30 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. 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.
- 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)

If the installation is required to develop and register a risk management plan pursuant to Section 112(R) of the Act, the permittee will verify that it has complied with the requirement to register the plan.

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 noncompliance 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, reopened, reissued or terminated for cause. Except as provided for minor permit modifications, the filing of an application or request for a permit modification, revocation and reissuance, or termination, or the filing of a notification of planned changes or anticipated noncompliance, 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 semiannually (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 April 1st, unless the applicable requirement specifies more frequent submission. These certifications shall be submitted to the Air Pollution Control Program, Compliance and Enforcement Section, P.O. Box 176, Jefferson City, MO 65102 or AirComplianceReporting@dnr.mo.gov. 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 noncompliance 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 contemporaneous written notice of the change to the Air Pollution Control Program, Compliance and Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as well as EPA Region VII, 11201 Renner Blvd., Lenexa, KS 66219. 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)34 Responsible Official

The application utilized in the preparation of this permit was signed by Anthony Wallace, Vice President. If this person terminates employment, or is reassigned 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 30 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 Method 9

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

Attachment PW1-PM₁₀
Daily Ambient PM₁₀ Impact Tracking Record
Solitary and Concurrent Same-Owner Operations

Date								
Rock Crushing Plant #1	Daily Production (tons)							
	Ambient Impact Factor (µg/m ³ ton)	0.0228	0.0228	0.0228	0.0228	0.0228	0.0228	0.0228
	Daily Impact PM ₁₀ Impact (µg/m ³)							
Rock Crushing Plant #2	Daily Production (tons)							
	Ambient Impact Factor (µg/m ³ ton)	0.0135	0.0135	0.0135	0.0135	0.0135	0.0135	0.0135
	Daily Impact PM ₁₀ Impact (µg/m ³)							
Asphalt Plant	Daily Production (tons)							
	Ambient Impact Factor (µg/m ³ ton)	0.0435	0.0435	0.0435	0.0435	0.0435	0.0435	0.0435
	Daily Impact PM ₁₀ Impact (µg/m ³)							
Pugmill	Daily Production (tons)							
	Ambient Impact Factor (µg/m ³ ton)	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
	Daily Impact PM ₁₀ Impact (µg/m ³)							
Installation Daily PM ₁₀ Impact								
Background PM ₁₀ Level (µg/m ³)		20	20	20	20	20	20	20
Total PM₁₀ Level (µg/m³)								

Daily Impact PM₁₀ Impact (µg/m³) = Daily Production (tons) x Ambient Impact Factor (µg/m³ton)

Installation Daily PM₁₀ Impact (µg/m³) = Daily Impact PM₁₀ Impact (µg/m³) of (Rock Crushing Plant #1 + Rock Crushing Plant #2 + Asphalt Plant + Pugmill)

Total PM₁₀ Level (µg/m³) = Installation Daily PM₁₀ Impact (µg/m³) + Background PM₁₀ Level (µg/m³)

*Total PM₁₀ Level (µg/m³) must be less than 150 (µg/m³) in any 24-hour period to demonstrate compliance.

Start-up, shutdown, and malfunction emissions as reported to the Air Pollution Control Program's Compliance/Enforcement Section during the most recent 12 month period must be included in the rolling total.

Attachment PW1-PM₁₀
Daily Ambient PM₁₀ Impact Tracking Record
Concurrent Separate-Owner and Same-and-Separate-Owner Operations

Date								
Rock Crushing Plant #1	Daily Production (tons)							
	Ambient Impact Factor (µg/m ³ ton)	0.0228	0.0228	0.0228	0.0228	0.0228	0.0228	0.0228
	Daily Impact PM ₁₀ Impact (µg/m ³)							
Rock Crushing Plant #2	Daily Production (tons)							
	Ambient Impact Factor (µg/m ³ ton)	0.0135	0.0135	0.0135	0.0135	0.0135	0.0135	0.0135
	Daily Impact PM ₁₀ Impact (µg/m ³)							
Asphalt Plant	Daily Production (tons)							
	Ambient Impact Factor (µg/m ³ ton)	0.0435	0.0435	0.0435	0.0435	0.0435	0.0435	0.0435
	Daily Impact PM ₁₀ Impact (µg/m ³)							
Pugmill	Daily Production (tons)							
	Ambient Impact Factor (µg/m ³ ton)	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
	Daily Impact PM ₁₀ Impact (µg/m ³)							
Installation Daily PM ₁₀ Impact								
Background PM ₁₀ Level (µg/m ³)		42.5	42.5	42.5	42.5	42.5	42.5	42.5
Total PM₁₀ Level (µg/m³)								

Daily Impact PM₁₀ Impact (µg/m³) = Daily Production (tons) x Ambient Impact Factor (µg/m³ton)

Installation Daily PM₁₀ Impact (µg/m³) = Daily Impact PM₁₀ Impact (µg/m³) of (Rock Crushing Plant #1 + Rock Crushing Plant #2 + Asphalt Plant + Pugmill)

Total PM₁₀ Level (µg/m³) = Installation Daily PM₁₀ Impact (µg/m³) + Background PM₁₀ Level (µg/m³)

*Total PM₁₀ Level (µg/m³) must be less than 150 (µg/m³) in any 24-hour period to demonstrate compliance.

Start-up, shutdown, and malfunction emissions as reported to the Air Pollution Control Program's Compliance/Enforcement Section during the most recent 12 month period must be included in the rolling total.

PM₁₀ Source List

Emission Point #	Emission Point Description	SCC Code	PM ₁₀ Emission Factor	Emission Factor units	Emission Factor Source
Asphalt Plant					
EP-1	Cold Bins	30502503	0.0064	lb/ton	webFIRE
EP-2	Drum Dryer (Natural Gas)	30500255	6.5	lb/ton	AP42 T11.1-3
EP-3	Asphalt heater (Natural Gas or LPG)		7.6	lb/MMCF	MOEIS
EP-4	Elevators, screens, bins, mixer	30500245	4.5	lb/ton	AP42 T11.1-1
EP-6A1	Paved Haul Road		1.7359	lb/mile	MOEIS
EP-6	Unpaved Haul Road		1.7359	lb/mile	MOEIS
EP-7	Hot Asphalt Silo Loading	30500213	0.00059	lb/ton	webFIRE
EP-8	Hot Asphalt loadout	30500214	0.00052	lb/ton	webFIRE
Pugmill Plant					
EP-1B	Pugmill Cold Bin	30502503	0.0064	lb/ton	webFIRE
EP-30A	Diesel Engine on Pugmill	20200102	42.5	Lb/1000 gallons	webFIRE
EP-2B	Pugmill stockpile		0.12	lbs/ton	MOEIS
			1329	lbs/acre	MOEIS
EP-3B	Pugmill Paved Haul Road		1.7258	lb/mile	MOEIS
Rock Crushing Plant #1					
EP-01A	Drilling	30502010	0.00008	lb/ton	webFIRE
EP-03A	Grizzly Feeder	30502006	0.0011	lb/ton	webFIRE
EP-04A	Primary Crusher		0.0007	lb/ton	MOEIS
EP-05A	Conveyor from Primary Crusher to Scalping Screen	30502006	0.0011	lb/ton	webFIRE
EP-06A	Scalping Screen	30502002	0.0087	lb/ton	webFIRE
EP-07A	Secondary Crusher	30502002	0.0087	lb/ton	webFIRE
EP-08A	Conveyor from Secondary Crusher to Finish Screen	30502006	0.0011	lb/ton	webFIRE
EP-09A	Finish Screen	30502002	0.0087	lb/ton	webFIRE
EP-10A	Conveyor from Finish Screen to Secondary Crusher	30502006	0.0011	lb/ton	webFIRE
EP-11A	Conveyor, Jaw Underconveyor	30502006	0.0011	lb/ton	webFIRE
EP-12A	Conveyor, Finish Screen Cross	30502006	0.0011	lb/ton	webFIRE
EP-13A	Stockpile, 3 acres		0.0034	lb/ton	MOEIS
			159.5116	lb/acre	MOEIS
EP-14A	Conveyor From Finish Screen to Haul Trucks	30502006	0.0011	lb/ton	webFIRE

Emission Point #	Emission Point Description	SCC Code	PM ₁₀ Emission Factor	Emission Factor units	Emission Factor Source
EP-15A	Conveyor From Finish Screen to Haul Trucks	30502006	0.0011	lb/ton	webFIRE
EP-16A	Pit to Plant Unpaved Haul Road		1.5861	lb/mile	MOEIS
EP-16A1	Plant to Stockpile Haul Road		1.5861	lb/mile	MOEIS
EP-16A3	Paved Sales Haul Road		1.5162	lb/mile	MOEIS
EP-17A	Unloading rock to grizzly feeder	30502031	0.000016	lb/ton	webFIRE
EP-18A	Bin on Primary Crusher with Underconveyor	30502006	0.0011	lb/ton	webFIRE
EP-19A	Conveyor From Finish Screen to Haul Trucks	30502006	0.0011	lb/ton	webFIRE
EP-20A	Conveyor, Clean Material	30502006	0.0011	lb/ton	webFIRE
EP-21A	Impact Crusher Grizzly Feeder	30502006	0.0011	lb/ton	webFIRE
EP-22A	Secondary Impact Crusher		0.0007	lb/ton	MOEIS
EP-23A	Conveyor, Underconveyor to Screen	30502006	0.0011	lb/ton	webFIRE
EP-24A	Impact Crusher Screen	30502002	0.0087	lb/ton	webFIRE
EP-25A	Conveyor, 42" return	30502006	0.0011	lb/ton	webFIRE
EP-26A	Conveyor, 42" underconveyor	30502006	0.0011	lb/ton	webFIRE
EP-27A	Conveyor, 42" underscreen	30502006	0.0011	lb/ton	webFIRE
EP-28A	Conveyor, 42" cross	30502006	0.0011	lb/ton	webFIRE
EP-29A	Conveyor	30502006	0.0011	lb/ton	webFIRE
EP-11E	Impact Crusher Diesel Engine	20200102	42.5	Lb/1000 gal	webFIRE
Rock Crushing Plant #2					
EP-1E	Drilling	30502010	0.00008	lb/ton	webFIRE
EP-2E	Primary Crusher		0.0007	lb/ton	MOEIS
EP-3E	Conveyor from Crusher to Screen	30502006	0.0011	lb/ton	webFIRE
EP-4E	Conveyor from Screen to Crusher	30502006	0.0011	lb/ton	webFIRE
EP-5E	Screen	30502002	0.0087	lb/ton	webFIRE
EP-6E	Conveyor from Screen to Haul Roads	30502006	0.0011	lb/ton	webFIRE
EP-7E	Conveyor from Screen to Haul Roads	30502006	0.0011	lb/ton	webFIRE
EP-8E	Conveyor from Screen to Haul Roads	30502006	0.0011	lb/ton	webFIRE
EP-9E	Stockpile, 2 acres		0.0102	lbs/ton	MOEIS
			157.41	lbs/acre	MOEIS
EP-10E	Pit to Plant Unpaved Haul Road		1.5861	lbs/mile	MOEIS
EP-10E1	Plant to Stockpile Unpaved Haul Road		1.5861	lbs/mile	MOEIS
EP-10E2	Unpaved Sales Haul Road		1.5861	lbs/mile	MOEIS
EP-10E3	Paved Sales Haul Road		1.5973	lbs/mile	MOEIS
EP-12E	Primary Crusher Diesel Engine	20200102	42.5	Lb/1000 gal	webFIRE

Attachment 042009-008

Month:

Emission Unit	Description	Monthly throughput (1000 gallons)	NO _x Emission Factor (lb/1000 gallons) ¹	Monthly NO _x Emissions (tons) ²
EP-11E	Diesel Engine on Impact Crusher, Rock Crushing Plant #1		640	
EP-12E	Diesel Engine on Primary Crusher, Rock Crushing Plant #2			
Startup, Shutdown, and Malfunction Emissions for this month (tons) ³ :				
Installation Monthly NO _x Emissions for this month (tons) ⁴ :				
Installation 12-Month Rolling Total NO _x Emissions (tons) ⁵ :				

¹Emission factors sourced from webFIRE for the SCC code 20200102

²Monthly emissions calculated by multiplying monthly throughput by the emission factor

³Start-up, shutdown, and malfunction emissions as reported to the Air Pollution Control Program's Compliance/Enforcement Section during the most recent 12 month period must be included in the rolling total

⁴Sum of both engines and SSM emissions for the current month.

⁵Rolling 12-month total. Compliance with Permit Condition 042009-008 is demonstrated when the rolling 12 month total is less than 40 tons.

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.

INSTALLATION DESCRIPTION

The installation consists of four plants at one site; two rock crushing plants, referred to as Rock Crushing Plant #1 and Rock Crushing Plant #2, an asphalt plant, and a pugmill, all of which are owned by the permittee. The installation has accepted a voluntary limitation for particulate matter of a diameter of less than ten microns (PM₁₀) and Carbon Monoxide (CO) from the entire installation (all four plants) in order to qualify for this Intermediate Operating Permit. The last five years of reported emissions and the installation's potential to emit appears in the table below. Emission factors were sourced from webFIRE and AP42 for the SCC codes listed below.

Conditioned Potential Emissions were calculated for the three emergency engines and the following units from the Asphalt Plant: EP-2 Drum Dryer (SCC 30500255), EP-3 Asphalt Heater (SCC 30500206), and EP-4 Elevator, screens, bins, and mixer (SCC 30500245). All other units are considered fugitive and are not included in the potential to emit because this installation is not a named source. For EP-2 and EP-4, a 100% capture efficiency paired with a 98% control efficiency for particulate and HAPs, and an 86% control efficiency for sulfur dioxides was used as the controls are federally required in Permit Condition 082005-023. The emergency engines (SCC 20200102) were initially evaluated at 500 hours of operation per year for each engine. At this usage, the potential emissions are less than 40 tons/year for all engines combined. However, since MACT ZZZZ and NSPS IIII do not restrict the usage of the engines in emergency situations, the federally enforceable 40 ton/year NO_x limit from Permit Condition 042009-008 is included for EP-11E and 12E; with the remaining pollutants scaled up to this NO_x limit.

In order to qualify for this Intermediate Operating Permit, the installation needs plant wide emission limits for Carbon Monoxide (CO) and Particulate Matter less than Ten Microns (PM₁₀) of less than 100 tons. The CO limit is imposed by Construction Permit 042009-008; while the PM₁₀ limitation is imposed through this Operating Permit. Since emissions of PM₁₀ were considered the same as emissions of PM_{2.5} due to lack of specific emission factors for PM_{2.5}, the PM₁₀ limit indirectly limits the PM_{2.5} to less than 100, and a PM_{2.5} emission limitation is not necessary.

Table 1: Emissions Profile, tons per year

Pollutants	Reported Emissions					Conditioned Potential Emissions	Intermediate Emission Limitations
	2012	2013	2014	2015	2016		
Particulate Matter ≤ Ten Microns (PM ₁₀)	8.17	8.17	7.43	7.43	7.43	166.81	<100
Particulate Matter ≤ 2.5 Microns (PM _{2.5})	0.38	0.38	0.21	0.21	0.21	166.81	ND
Sulfur Oxides (SO _x)	0.27	0.27	0.02	0.02	0.02	3.63	ND
Nitrogen Oxides (NO _x)	4.81	4.81	0.97	0.97	0.97	80.57	ND
Volatile Organic Compounds (VOC)	0.61	0.61	0.32	0.32	0.32	33.41	ND
Carbon Monoxide (CO)	15.54	15.54	15.63	15.63	15.63	403.81	<100
Hazardous Air Pollutants (HAPs)	Not Reported					0.93	ND

ND=Not Determined

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. Part 70 Operating Permit Application, received December 28, 2016;
2. 2014 Emissions Inventory Questionnaire, received March 16, 2015;
3. U.S. EPA document AP-42, *Compilation of Air Pollutant Emission Factors*; Volume I, Stationary Point and Area Sources, Fifth Edition;
4. webFIRE; and
5. All documents listed in Construction Permit History

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.

See Other Regulatory Determinations

Other Air Regulations Determined Not to Apply to the Operating Permit

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

See Other Regulatory Determinations

Construction Permit History

The following construction permits were issued to this installation:

1. Construction Permit 0295-002
 This permit authorizes the installation of one Peerless 24” pugmill. This Construction Permit was superseded by Construction Permit 122002-005.
2. Construction Permit 122002-005
 This permit authorizes replacement of the primary crusher and grizzly feeder, with allowances for three additional concurrent operations on site, all owned by the site owner. Additionally, this project reclassifies the portable plant as stationary. This Construction Permit was superseded by Construction Permit 082005-023.
3. Construction Permit 082005-023
 This permit authorizes the operation of a non-site owner’s portable plant concurrent with the multiple plants from the site owner. This permit contains special conditions that were divided into two portions: Scenario 1-multi plant operation with all plants owned by the site owner, and Scenario 2-multi plant operation with non site owner portable plant. The special conditions are summarized in the following table.

Special Condition Number	Summary of Special Condition	Status
Scenario 1, Special Condition #1	Multi plant, same owner, NAAQS	Superseded by Construction Permit 042009-008
Scenario 1, Special Condition #2	Multi plant, same owner, annual PM10 limitation	Superseded by Construction Permit 042009-008
Scenario 1, Special Condition #3	Multi plant, same owner, watering	Superseded by Construction Permit 042009-008
Scenario 1, Special Condition #4	Multi plant, same owner, Oil Suppression	Superseded by Construction Permit 042009-008
Scenario 1, Special Condition #5	Multi plant, same owner, Paved Haul Roads	Superseded by Construction Permit 042009-008
Scenario 1, Special Condition #6	Multi plant, same owner, Cyclone/Wet Scrubber	Identical requirements to Scenario 2, Special Condition #6, both cited in Permit Condition 082005-023.
Scenario 1, Special Condition #7	Multi plant, same owner, Inherent Moisture Testing Processed Rock	Identical requirements to Scenario 2, Special Condition #7, both cited in Permit Condition 082005-023.
Scenario 1, Special Condition #8	Multi plant, same owner, Moisture Testing Rock Stockpiles	Identical requirements to Scenario 2, Special Condition #8, both cited in Permit Condition 082005-023.
Scenario 1, Special Condition #9	Multi plant, same owner, Compliance Testing for NSPS OOO and NSPS I	Identical requirements to Scenario 2, Special Condition #9. Reference to Subpart I removed, see Statement of Basis NSPS

Special Condition Number	Summary of Special Condition	Status
		Subpart I. NSPS OOO requirements only appear in Permit Condition NSPS OOO as a streamlining measure.
Scenario 1, Special Condition #10	Multi plant, same owner, Prohibitions without further APCP Review	Superseded by Construction Permit 042009-008
Scenario 1, Special Condition #11	Multi plant, same owner, Minimum Property Boundaries	Superseded by Construction Permit 042009-008
Scenario 1, Special Condition #12	Multi plant, same owner, Obtain an Operating Permit	Identical requirements to Scenario 2, Special Condition #12. Satisfied by obtaining this Operating Permit, does not appear in Operating Permit.
Scenario 1, Special Condition #13	Multi plant, same owner, Supersedes Construction Permits 0699-006, 0295-002, and 122002-005	Identical requirements to Scenario 2, Special Condition #13. Does not appear in Operating Permit.
Scenario 1, Special Condition #14	Multi plant, same owner, Only use uncontaminated nonmetallic materials	Identical requirements to Scenario 2, Special Condition #14, and Construction Permit 042009-008. Only Construction Permit 042009-008 cited in permit.
Scenario 2, Special Condition #1	Multi plant, different owner, NAAQS	Superseded by Construction Permit 042009-008
Scenario 2, Special Condition #2	Multi plant, different owner, annual PM10 limitation	Superseded by Construction Permit 042009-008
Scenario 2, Special Condition #3	Multi plant, different owner, watering	Superseded by Construction Permit 042009-008
Scenario 2, Special Condition #4	Multi plant, different owner, Oil Suppression	Superseded by Construction Permit 042009-008
Scenario 2, Special Condition #5	Multi plant, different owner, Paved Haul Roads	Superseded by Construction Permit 042009-008
Scenario 2, Special Condition #6	Multi plant, different owner, Cyclone/Wet Scrubber	Identical requirements to Scenario 2, Special Condition #6, both cited in Permit Condition 082005-023.
Scenario 2, Special Condition #7	Multi plant, different owner, Inherent Moisture Testing Processed Rock	Identical requirements to Scenario 1, Special Condition #7, both cited in Permit Condition 082005-023.
Scenario 2, Special Condition #8	Multi plant, different owner, Moisture Testing Rock Stockpiles	Identical requirements to Scenario 1, Special Condition #8, both cited in Permit Condition

Special Condition Number	Summary of Special Condition	Status
		082005-023.
Scenario 2, Special Condition #9	Multi plant, different owner, Compliance Testing for NSPS OOO and NSPS I	Identical requirements to Scenario 2, Special Condition #9. Reference to Subpart I removed, see Statement of Basis NSPS Subpart I. NSPS OOO requirements only appear in Permit Condition NSPS OOO as a streamlining measure.
Scenario 2, Special Condition #10	Multi plant, different owner, Prohibitions without further ACP Review	Superseded by Construction Permit 042009-008
Scenario 2, Special Condition #11	Multi plant, different owner, Minimum Property Boundaries	Superseded by Construction Permit 042009-008
Scenario 2, Special Condition #12	Multi plant, different owner, Obtain an Operating Permit	Identical requirements to Scenario 1, Special Condition #12. Satisfied by obtaining this Operating Permit, does not appear in Operating Permit.
Scenario 2, Special Condition #13	Multi plant, different owner, Supersedes Construction Permits 0699-006, 0295-002, and 122002-005	Identical requirements to Scenario 1, Special Condition #13. Does not appear in Operating Permit.
Scenario 2, Special Condition #14	Multi plant, different owner, Only use uncontaminated nonmetallic materials	Identical requirements to Scenario 2, Special Condition #14, and Construction Permit 042009-008. Only Construction Permit 042009-008 cited in Operating Permit.

4. Construction Permit 042009-008

This permit authorizes the addition of new equipment and accounts for some equipment that was not accounted for in previous permits. The special conditions are summarized in the following table.

Special Condition Number	Summary of Special Condition	Status
Special Condition #1	Best Management Practices	Appears in Operating Permit as Permit Condition PW1
Special Condition #2	PM10 NAAQS	Appears in Operating Permit as Permit Condition PW1
Special Condition #3	Rock Crushing Plants 1 and 2 Engine NOx Limitation	Appears in Operating Permit as Permit Condition 042009-008
Special Condition #4	Plant Wide CO Limitation	Appears in Operating Permit as Permit Condition PW1
Special Condition	Comply with NSPS OOO	NSPS OOO requirements only

Special Condition Number	Summary of Special Condition	Status
#5		appear in Permit Condition NSPS OOO as a streamlining measure.
Special Condition #6	Minimum Property Boundaries	Appears in Operating Permit as Permit Condition PW1
Special Condition #7	Keep records for 5 years	Duplicative of Operating Permit requirements, does not appear in Operating Permit as a streamlining measure.
Special Condition #8	10 day reporting required for exceedances	Duplicative of Operating Permit requirements, does not appear in Operating Permit as a streamlining measure.
Special Condition #9	Supersedes Construction Permit 082005-023, Special Conditions #1-1, 1-2, 1-3, 1-4, 1-5, 1-10, 1-11, 2-1, 2-2, 2-3, 2-4, 2-5, 2-10, and 2-11	Does not appear in Operating Permit.
Special Condition #10	Only use uncontaminated nonmetallic materials	Appears in Operating Permit as Permit Condition PW1

New Source Performance Standards (NSPS) Applicability

40 CFR Part 60 Subpart I, Standards of Performance for Hot Mix Asphalt Facilities

This regulation does not apply to the installation because all the equipment that falls under this subpart was installed prior to the regulatory date of June 11, 1973.

40 CFR part 60 Subpart K, Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978

40 CFR part 60 Subpart Ka, Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984

40 CFR part 60 Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984

These regulations apply to storage vessels with the following parameters:

Rule	Constructed/modified/reconstructed	With contents and capacities.....
K	Between June 11, 1973 and May 19, 1978	Petroleum liquids, >40,000 gallons
Ka	Between May 18, 1978 and July 23, 1984	Petroleum liquids, >40,000 gallons
Kb	After July 23, 1984	Volatile organic liquids, >19,813 gallons

This regulation does not apply to the installation because the single tank that meets the capacity threshold contains asphalt, which falls below the true vapor pressure threshold of 15 kPa.

40 CFR Part 60 Subpart LL, Standards of Performance for Metallic Mineral Processing Plants
 This regulation does not apply to the installation because this installation does not process metallic minerals.

40 CFR Part 60 Subpart UU, Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture

This regulation applies to asphalt roofing plants, plants which produce asphalt roofing products, asphalt processing plants, plants which blow asphalt for use in the manufacture of asphalt products, and petroleum refineries. The installation does not perform these activities; therefore this regulation does not apply.

40 CFR Part 60 Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing

This regulation applies and appears as a permit condition in this operating permit. The installation uses water spray on the impact crusher (EP-22A) and the grizzly/hopper (EP-21A). For all units installed in July 2008, the installation uses the water carryover from the water spray and conducts the inspections required by §60.674(b) and §60.676(b). Therefore, according to NSPS OOO Table 3, these units are exempt from the 5 year repeat testing requirement.

Performance Testing Conducted pursuant to NSPS OOO					
Emission Unit	Description	Emission standard and citation	Testing Date	Results	Notes
<i>Rock Crushing Plant #1</i>					
EP-4A	Primary Crusher, Cedarapids 3042, Installed 2002, MHDR=350 tons/hr	15% opacity, §60.672(b) and Table 3	6/11/03	13.6% opacity	Tested at 100 tons/hr
EP-5A	Conveyor from Primary Crusher to Scalping Screen, Cedarapids, Installed 1987, MHDR=225 tons/hr	10% opacity, §60.672(b) and Table 3	6/4/96	9.36% opacity	Tested at 218 tons/hr
EP-20A	Conveyor, Clean Material, Installed 1999, MHDR=250 tons/hr	10% opacity, §60.672(b) and Table 3	6/2/09	0.17% opacity	Tested at 150 tons/hour
EP-21A	Impact Crusher Grizzly Feeder, 18'x 45.5' feeder, Installed July 2008, MHDR= 250 tons/hr	7% opacity, §60.672(b) and Table 3	6/2/09	0.42% opacity	Tested at 150 tons/hour

Performance Testing Conducted pursuant to NSPS OOO					
Emission Unit	Description	Emission standard and citation	Testing Date	Results	Notes
EP-22A	Secondary Impact Crusher, Eagle Ultramax Model UM25, Installed July 2008, MHDR=250 tons/hr	12% opacity, §60.672(b) and Table 3	6/2/09	10.29% opacity	Tested at 150 tons/hour
EP-23A	Conveyor, Underconveyor to Screen, Eagle, Installed July 2008, MHDR=250 tons/hr	7% opacity, §60.672(b) and Table 3	6/2/09	1.00% opacity	Tested at 150 tons/hour
EP-24A	Impact Crusher Screen, 5'x16' screen, Installed July 2008, MHDR=250 tons/hr	7% opacity, §60.672(b) and Table 3	6/2/09	0.04% opacity	Tested at 150 tons/hour
EP-25A	Conveyor, 42" return, Eagle, Installed July 2008, MHDR=250 tons/hr	7% opacity, §60.672(b) and Table 3	6/2/09	0.29% opacity	Tested at 150 tons/hour
EP-26A	Conveyor, 42" underconveyor, Eagle, Installed July 2008, MHDR=250 tons/hr	7% opacity, §60.672(b) and Table 3	6/2/09	0.71% opacity	Tested at 150 tons/hour
EP-27A	Conveyor, 42" underscreen, Eagle, Installed July 2008, MHDR=250 tons/hr	7% opacity, §60.672(b) and Table 3	6/2/09	4.04% opacity	Tested at 150 tons/hour
EP-28A	Conveyor, 42" cross, Eagle, Installed July 2008, MHDR=250 tons/hr	7% opacity, §60.672(b) and Table 3	6/2/09	1.21% opacity	Tested at 150 tons/hour
EP-29A	Conveyor, Eagle, Installed July 2008, MHDR=250 tons/hr	7% opacity, §60.672(b) and Table 3	6/2/09	0.92% opacity	Tested at 150 tons/hour
Rock Crushing Plant #2					
EP-2E	Primary Crusher, Eagle Ultramax 1400-45, Installed 1999, MHDR=350 tons/hr	15% opacity, §60.672(b) and Table 3	11/23/99	1.6% opacity	Tested at MHDR

Performance Testing Conducted pursuant to NSPS OOO					
Emission Unit	Description	Emission standard and citation	Testing Date	Results	Notes
EP-3E	Conveyor from Crusher to Screen, Superior Radial Stacker, Installed 1999, MHDR=350 tons/hr	10% opacity, §60.672(b) and Table 3	11/23/99	1.5% opacity	Tested at MHDR
EP-4E	Conveyor from Screen to Crusher, Eagle Radial Stacker, Installed 1999, MHDR=350 tons/hr	10% opacity, §60.672(b) and Table 3	11/23/99	1.1% opacity	Tested at MHDR
EP-5E	Screen, Cedarapids 862038B, Installed 1999, MHDR=350 tons/hr	10% opacity, §60.672(b) and Table 3	11/23/99	1.1% opacity	Tested at MHDR
EP-6E	Conveyor from Screen to Haul Roads, Eagle Radial Stacker, Installed 1999, MHDR=350 tons/hr	10% opacity, §60.672(b) and Table 3	11/23/99	0.01% opacity	Tested at MHDR
EP-7E	Conveyor from Screen to Haul Roads, Eagle Radial Stacker, Installed 1999, MHDR=350 tons/hr	10% opacity, §60.672(b) and Table 3	11/23/99	0% opacity	Tested at MHDR
EP-8E	Conveyor from Screen to Haul Roads, Eagle Radial Stacker, Installed 1999, MHDR=350 tons/hr	10% opacity, §60.672(b) and Table 3	11/23/99	0% opacity	Tested at MHDR

40 CFR Part 60 Subpart IIII, Stationary Compression Ignition Internal Combustion Engines
 This regulation applies and appears as a permit condition in this operating permit. All the engines at this installation are compression ignition engines. All equipment at the installation primarily operates using electricity. The engines are on key pieces and used only as emergency backup units.

Maximum Achievable Control Technology (MACT) Applicability

40 CFR Part 63 Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
 This regulation applies and appears as a permit condition in this operating permit. All the engines at this installation are compression ignition engines. All equipment at the installation primarily operates using electricity. The engines are on key pieces and used only as emergency backup units.

National Emission Standards for Hazardous Air Pollutants (NESHAP) Applicability

None

Greenhouse Gas Emissions

Note that this source may be subject to the Greenhouse Gas Reporting Rule. In addition, Missouri regulations do not require the installation to report CO₂ emissions in their Missouri Emissions Inventory Questionnaire; therefore, the installation's CO₂ emissions were not included within this permit. If required to report, the applicant is required to report the data directly to EPA. The public may obtain CO₂ emissions data by visiting <http://epa.gov/ghgreporting/ghgdata/reportingdatasets.html>.

Other Regulatory Determinations

10 CSR 10-6.220, Restriction of Emission of Visible Air Contaminants

All sources of visible emissions at this installation, except those controlled by the cyclone and scrubber system, either meet exemption (1)(K) as fugitives or exemption (1)(A) as engines. This regulation applies to the units controlled by the cyclone and scrubber system.

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

This regulation was rescinded from the code of state regulations (CSR). However, this regulation is still contained in Missouri's State Implementation Plan (SIP). This regulation is a federally enforceable requirement until it is removed from the SIP, therefore it must appear in this Operating Permit.

Emission units EP-30A, EP-11E, and EP-12E all demonstrate compliance with 6.260 by complying with the applicable fuel sulfur requirement of 15 ppm in MACT ZZZZ (EP-30A and EP-11E) or NSPS III (EP-12E). Calculations that demonstrate compliance using 0.0015% sulfur (15 ppm) are below :

$$\text{Distillate Oil } SO_2 \text{ emission factor (lbs/MMBtu)} = \frac{142(0.0015) \text{ lbs}/10^3 \text{ gal}}{140 \text{ MMBtu}/10^3 \text{ gal}} = 0.0015 \text{ lb/MMBtu}$$

(AP - 42 Table 1.3 - 1(9/98))

$$\text{ppmv } SO_2 = \left(\frac{0.0015 \text{ lb}}{\text{MMBtu}} \right) \times \left(\frac{\text{MMBtu}}{10,320 \text{ wscf}} \right) \times \left(\frac{\text{ppmw}}{1.660E^{-7} \text{ lb/scf}} \right) \times \left(\frac{0.45 \text{ ppmv}}{\text{ppmw}} \right) = 0.4 \text{ ppmv}$$

(Appendix A - 7 to Part 60)

SO₃

$$\text{Distillate Oil } SO_3 \text{ emission factor (lbs/MMBtu)} = \frac{2(0.0015) \text{ lbs}/10^3 \text{ gal}}{140 \text{ MMBtu}/10^3 \text{ gal}} = 0.00002 \text{ lb/MMBtu}$$

(AP - 42 Table 1.3 - 1(9/98))

$$\text{ppmv } SO_3 = \left(\frac{0.00002 \text{ lb}}{\text{MMBtu}} \right) \times \left(\frac{\text{MMBtu}}{10,320 \text{ wscf}} \right) \times \left(\frac{1.602 \times 10^7 \text{ mg ft}^3}{\text{lb m}^3} \right) = 0.03 \frac{\text{mg}}{\text{m}^3}$$

(Appendix A - 7 to Part 60)

10 CSR 10-6.261, Control of Sulfur Dioxide Emissions

This regulation applies to all sources of sulfur dioxide. Emission units EP-30A, EP-11E, and EP-12E all meet exemption (1)(C) and are not subject to this rule.

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

All sources of particulate at this installation, except those controlled by the cyclone and scrubber system, are considered fugitive and meet exemption (1)(B)7. The drum dryer and Elevators/Screens/Bin/Mixer that are not fugitive due to the control devices have uncontrolled potentials less than the limits imposed by this regulation as shown below. Therefore these units meet exemption (1)(B)16. Emission factors taken from webFIRE.

Emission Unit	Maximum Hourly Design Rate (tons/hr)	PM Emission Factor (lb/ton)	Control Device Efficiency (%)	Potential Particulate Matter Emission Rate (lb/hr)	Allowable Particulate Matter Emission Rate (lb/hr)
EU0210 Drum Dryer	170	0.14	0	23.8	56.8
EU0220 Elevators, Screens, Bins, and Mixer	170	0.14	0	23.8	56.8

10 CSR 10-6.405, Restriction of Particulate Matter Emissions From Fuel Burning Equipment Used for Indirect Heating.

The asphalt heater is exempt from this regulation per 6.405(1)(E). The unit meets this exemption by burning natural gas or propane.

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 ACP'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 ACP a schedule for achieving compliance for that regulation(s).

Response to Public Comments

The draft Intermediate Operating Permit for Lead Belt Materials Co., Inc. was placed on public notice December 22, 2017 for a 30-day comment period. The public notice was published on the Department of Natural Resources' Air Pollution Control Program's web page at: <http://www.dnr.mo.gov/env/apcp/PermitPublicNotices.htm> . No public comments were received.

Mr. Anthony Wallace
Lead Belt Materials Co., Inc.
P. O. Box 607
Park Hills, MO 63601

Re: Lead Belt Materials Co., Inc., 187-0001
Permit Number: OP2018-018

Dear Mr. Wallace:

Enclosed with this letter is your intermediate operating permit. Please review this document carefully. Operation of your installation in accordance with the rules and regulations cited in this document is necessary for continued compliance. It is very important that you read and understand the requirements contained in your permit.

This permit may include requirements with which you may not be familiar. If you would like the department to meet with you to discuss how to understand and satisfy the requirements contained in this permit, an appointment referred to as a Compliance Assistance Visit (CAV) can be set up with you. To request a CAV, please contact your local regional office or fill out an online request. The regional office contact information can be found at <http://dnr.mo.gov/regions/>. The online CAV request can be found at <http://dnr.mo.gov/cav/compliance.htm>.

You may appeal this permit to the Administrative Hearing Commission (AHC), P.O. Box 1557, Jefferson City, MO 65102, as provided in RSMo 643.078.16 and 621.250.3. If you choose to appeal, you must file a petition with the AHC within thirty (30) days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If you send your appeal by registered or certified mail, we will deem it filed on the date you mailed it. If you send your appeal by a method other than registered or certified mail, we will deem it filed on the date the AHC receives it.

If you have any questions or need additional information regarding this permit, please contact the Air Pollution Control Program (APCP) at (573) 751-4817, or you may write to the Department of Natural Resources, Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102.

Sincerely,

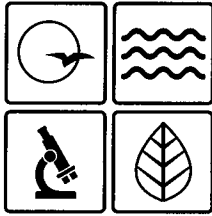
AIR POLLUTION CONTROL PROGRAM

Michael J. Stansfield, P.E.
Operating Permit Unit Chief

MJS:nwj

Enclosures

c: PAMS File: 2016-12-063



Missouri Department of dnr.mo.gov
NATURAL RESOURCES

Eric R. Greitens, Governor

Carol S. Comer, Director

FEB 08 2018

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AIR POLLUTION CONTROL PROGRAM

Michael J. Stansfield, P.E.
Operating Permit Unit Chief

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