



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: OP2011-064
Expiration Date: FEB 08 2017
Installation ID: 091-0005
Project Number: 2010-07-024

Installation Name and Address

Smith Flooring, Inc.-Mountain View Facility
1501 W. Hwy 60
Mountain View, MO 65548
Howell County

Parent Company's Name and Address

Smith Flooring, Inc.-Mountain View Facility
1501 W. Hwy 60
Mountain View, MO 65548

Installation Description:

Smith Flooring Inc.-Mountain View Facility manufactures hardwood floors. The processes include log debarking, kiln drying, sawing, planing, grinding, sawdust transfer and storage. The installation uses a 27 MMBtu/hr (Million British Thermal Units per hour) wood-fired boiler for indirect heating of processes and plant space heating. The installation has accepted a voluntary limitation of less than 100 tons per year of particulate matter (PM) to qualify for this Intermediate Operating Permit.

FEB 09 2012

Effective Date

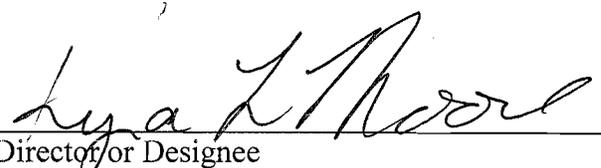

Director or Designee
Department of Natural Resources

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I. Installation Description and Equipment Listing

INSTALLATION DESCRIPTION

Smith Flooring Inc.-Mountain View Facility manufactures hardwood floors. The processes include log debarking, kiln drying, sawing, planing, grinding, sawdust transfer and storage. The installation uses a 27 MMBtu/hr wood-fired boiler for indirect heating of processes and plant space heating. The installation has accepted a voluntary limitation of less than 100 tons per year of particulate matter (PM) to qualify for this Intermediate Operating Permit.

Reported Air Pollutant Emissions, tons per year					
	2010	2009	2008	2007	2006
Particulate Matter ≤ Ten Microns (PM ₁₀)	10.51	8.43	8.88	9.52	12.06
Particulate Matter ≤ 2.5 Microns (PM _{2.5})	3.33	6.03	6.03	6.50	6.5
Sulfur Oxides (SO _x)	1.39	1.26	1.26	1.35	1.35
Nitrogen Oxides (NO _x)	27.19	24.62	24.64	26.53	26.53
Volatile Organic Compounds(VOC)	0.96	0.88	0.85	0.92	0.94
Carbon Monoxide (CO)	33.29	30.15	30.17	32.49	32.49
Lead (Pb)	0	0	0	0	0
Hazardous Air Pollutants (HAPs)	1.94	1.94	1.94	2.09	2.09
Ammonia (NH ₃)	0	0	0	0	0

The installation reports HAPs emissions from the combustion of wood in the boiler. Some of the pollutants may be reported as PM₁₀ or VOC, in compliance with 6.100, while some must be reported as HAPs. The HAPS values in this table are the combination of the HAP emissions reported as VOC/PM₁₀ and those reported as HAPs.

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.

<u>Emission Unit #</u>	<u>Description</u>	<u>2010 EIQ EP#</u>
EU0010	Log Sawing-Rip Saws	EP-01
EU0020	Log Sawing-Rough knot Saws	EP-01
EU0030	Log Sawing-Planers	EP-01
EU0040	Log Sawing-Finish Saws	EP-01
EU0050	Log Sawing-End Matchers	EP-01
EU0060	Log Sawing-Grinder	EP-01
EU0070	Log Sawing-Planer	EP-02
EU0080	Log Sawing-Finish Saws (2)	EP-02
EU0090	Log Sawing-Grinder (Wood Chip Waste)	EP-16
EU0100	Log Sawing-Pre Surfacers	EP-17
EU0110	Sawdust Storage/Loadout-Silo	EP-04
EU0120	Sawdust Storage/Loadout-Silo	EP-15
EU0130	Sawmill Process-Sawmill Saws (Scrag Saw)	EP-08
	Sawmill Process-Sawdust Loadout Blower, truck blower	
EU0140	(Blower)	EP-12
EU0150	Sawmill Process-Sawdust Loadout Blower, truck blower	EP-10
EU0160	Sawmill Process-Sawmill Bin	EP-13
EU0170	Log Sawing-Grinder (Blo-Hog Grinder)	EP-11
EU0180	Log Sawing-Grinder	EP-09
EU0190	Log Sawing-Grinder	EP-11
EU0200	Log Sawing-Log Debarking	EP-14
EU0210	Boiler	EP-03

The unit specific limitation for these units appears as Plant Wide Limitations PW001 and PW002.

EMISSION UNITS WITHOUT LIMITATIONS

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

Description of Emission Source

EP-06 Diesel Storage Tank
less than 1,000 gallon

EP07 Gasoline Storage Tank
less than 1,000 gallons

DOCUMENTS INCORPORATED BY REFERENCE

These documents have been incorporated by reference into this permit.
Construction Permit 112001-002

II. Plant Wide Emission Limitations

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

PERMIT CONDITION PW001

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

Emission Limitation:

1. The permittee shall emit less than 100 tons per year of particulate matter (PM) from the entire installation in any consecutive 12-month period.
2. The permittee shall operate keep all existing control devices in place as represented in the Operating Permit application. Control devices shall be used whenever the plant is operational.

Operational Limitations/Equipment Specifications:

The permittee shall comply with the following requirements for the control devices.

1. Baghouses CD-01, CD-02 and CD-06:
 - (a) The baghouses shall be maintained such that the pressure drop remains in the normal operating range of two to eight inches of water whenever the emission units are in operation. A pressure drop reading of less than two inches may be observed for a period following the installation of a new bag.
 - (b) All instruments and control equipment shall be calibrated, maintained, and operated according to the manufacturer's specifications and recommendations.
 - (c) If the pressure drop falls out of the normal operating range, corrective action shall be taken as soon as practicable but within eight hours to return the pressure drop to normal.
2. Cyclones CD-03 and CD-07
 - (a) The cyclone shall be maintained such that the pressure drop remains in the normal operating range. The pressure drop across the cyclone shall exceed three inches of water head whenever the emission unit is in operation.
 - (b) The permittee shall calibrate, maintain and operate the instrumentation and cyclone according to the manufacturer's specifications and recommendations.
3. The permittee shall maintain the partial enclosures (CD-04 and CD-05) to ensure a minimum PM control efficiency of 25 percent.

Monitoring:

1. The permittee shall monitor the PM emissions from the entire installation.
2. The permittee shall perform the following monitoring for baghouses CD-01, CD-02 and CD-06:
 - (a) Check and document the dust collector pressure drop daily, whenever the emission unit is in operation.
 - (b) Check and document the cleaning sequence of the dust collector every six months.
 - (c) Inspect bags for leaks and wear every six months.
 - (d) Inspect all components that are not subject to wear or plugging, including structural components, housing, ducts and hoods every six months.

3. The permittee shall perform the following monitoring for cyclones CD-03 and CD-07:
 - (a) Check the air flow rate and the total static pressure drop across the cyclone once per working day when the process is in operation. If the pressure drop is less than 3 inches of water head, corrective action shall be taken as soon as practicable but within eight hours to return the pressure drop above the minimum allowable.
 - (b) Inspect the solids discharge valve for proper operation weekly.
 - (c) Inspect the structural components, including the cyclone ductwork and hoods for leaks and component failures quarterly.
 - (d) Check for leaks in the system to ensure airflow from the dirty side does not infiltrate the clean side annually.
 - (e) Verify that the inlet and outlet ductwork is in proper operating condition annually.
 - (f) Check the barrel and collecting tube for deposits and/or excess wear annually. Clean and repair as needed.
4. All instruments and control equipment shall be calibrated, maintained and operated according to the manufacturer's instructions.

Recordkeeping:

1. The permittee shall record the PM emissions on a monthly basis (see Attachment B).
2. The permittee shall perform the following recordkeeping for baghouses CD-01, CD-02 and CD-06:
 - (a) Document all pressure drop readings. (see Attachment D)
 - (b) Record all inspections, corrective actions, and instrument calibration. (see Attachment C)
3. The permittee shall perform the following recordkeeping for cyclones CD-03 and CD-07:
 - (a) Document all operational readings. (see Attachment D)
 - (b) Record all inspections, corrective actions, and instrument calibration. (see Attachment C)
4. The permittee shall use the provided attachments, or similar recordkeeping, to demonstrate compliance with this permit condition.
5. These records shall be kept for five (5) years and made available for inspection by the Department of Natural Resources' personnel upon request.

Reporting:

1. The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after the permittee determined that the emission unit(s) exceeded the emission limitation(s) and/or pressure drop range listed above.
2. Reports of any deviations from monitoring other than the pressure drop range, recordkeeping and reporting requirements of this permit condition shall be submitted semi-annually, in the semi-annual monitoring report and annual compliance certification, as required by Section IV of this permit.

PERMIT CONDITION PW002**10 CSR 10-6.220-Restriction of Emission of Visible Air Contaminants****Emission Limitation:**

1. No owner or other person shall cause or permit emissions to be discharged into the atmosphere from any **new** source any visible emissions with an opacity greater than 20 percent.
2. Exception: A person may discharge into the atmosphere from any source of emissions for a period(s) aggregating not more than six (6) minutes in any 60 minutes air contaminants with an opacity up to 60 percent.

Monitoring:

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

Recordkeeping:

1. The permittee shall maintain records of all observation results (see Attachment E), noting:
 - (a) Whether any air emissions (except for water vapor) were visible from the emission units,
 - (b) All emission units from which visible emissions occurred, and
 - (c) Whether the visible emissions were normal for the process.
2. The permittee shall maintain records of any equipment malfunctions. (see Attachment C)
3. The permittee shall maintain records of any Method 9 test performed in accordance with this permit condition. (see Attachment F)
4. The permittee shall use the provided attachments, or similar recordkeeping, to demonstrate compliance with this permit condition.
5. These records shall be made available immediately for inspection to Department of Natural Resources' personnel upon request.
6. All records shall be maintained for five years.

Reporting:

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

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.

EU0090 –Grinder	
Emission Unit	Description
EU0090	Log Sawing-Grinder (Wood Chip Waste), controlled by CD1: Baghouse

PERMIT CONDITION EU0090-001
10 CSR 10-6.060 Construction Permits
Construction Permit #112001-002, Issued October 22, 2001

Operational Limitations:

The permittee shall not use this grinder machine to process waste from off-site. [Special Condition 2.A.]

Reporting:

1. The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after the permittee determined that the emission unit(s) exceeded the emission limitation(s) and/or pressure drop range listed above.
2. Reports of any deviations from monitoring other than the pressure drop range, recordkeeping and reporting requirements of this permit condition shall be submitted semi-annually, in the semi-annual monitoring report and annual compliance certification, as required by Section IV of this permit.

EU0210 –Boiler	
Emission Unit	Description
EU0210	Wood fired steam boiler equipped with multiple cyclone with fly ash reinjection; MHDR=27 MMBtu/hr, installed 1988; Mfr: Industrial

PERMIT CONDITION EU0210-001
10 CSR 10-6.075 Maximum Achievable Control Technology Regulations;
40 CFR Part 63 Subpart A, General Provisions;
40 CFR Part 63 Subpart JJJJJJ—National Emission Standards for Hazardous Air Pollutants
for Industrial, Commercial, and Institutional Boilers Area Sources

Compliance Dates:

1. The permittee must achieve compliance with the work practice or management standard of a tune up no later than March 21, 2012. [§63.1196(a)(1)]
2. The permittee must achieve compliance with the energy assessment requirement no later than March 21, 2014. [§63.1196(a)(2)]

General Requirements and Standards:

1. At all times you must 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 Administrator that 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. [§63.11205(a)]
2. You must comply with each work practice standard, emission reduction measure, and management practice specified in Table 2 to this subpart that applies to your boiler. An energy assessment completed on or after January 1, 2008, that meets the requirements in Table 2 to this subpart satisfies the energy assessment portion of this requirement. [§63.11201(b)]
3. The standards in §63.11201(b) apply at all times. [§63.11201(d)]

Initial Compliance Requirements:

1. The permittee must demonstrate initial compliance no later than the compliance date that is specified in §63.11196 and according to the applicable provisions in §63.7(a)(2). [§63.11210(c)']
2. The permittee must conduct a performance tune-up according to §63.11223(b) and submit a signed statement in the Notification of Compliance Status report that indicates that you conducted a tune-up of the boiler. [§63.11214(b)]
3. The permittee must submit a signed certification in the Notification of Compliance Status report that an energy assessment of the boiler and its energy use systems was completed and submit, upon request, the energy assessment report. [§63.11214(b)]

Continuous Compliance Requirements:

1. The permittee must conduct a biennial performance tune-up according to §63.11223(b) and keep records as required in §63.11225(c) to demonstrate continuous compliance. Each biennial tune-up must be conducted no more than 25 months after the previous tune-up. [§63.11223(a)]
2. The permittee must conduct a tune-up of the boiler biennially to demonstrate continuous compliance as specified in §63.11223(b)(1) through (7). [§63.11223(b)]
 - (a) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (you may delay the burner inspection until the next scheduled unit shutdown, but you must inspect each burner at least once every 36 months). [§63.11223(b)(1)]
 - (b) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available. [§63.11223(b)(2)]
 - (c) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly. [§63.11223(b)(3)]
 - (d) Optimize total emissions of carbon monoxide. This optimization should be consistent with the manufacturer's specifications, if available. [§63.11223(b)(4)]
 - (e) Measure the concentrations in the effluent stream of carbon monoxide in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). [§63.11223(b)(5)]
 - (f) Maintain on-site and submit, if requested by the Administrator, biennial report containing the information in §63.11223(b)(6)(i) through (iii). [§63.11223(b)(6)]

- (i) The concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler. [§63.11223(b)(6)(i)]
 - (ii) A description of any corrective actions taken as a part of the tune-up of the boiler. [§63.11223(b)(6)(ii)]
 - (iii) The type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler. [§63.11223(b)(6)(iii)]
3. If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within one week of startup. [§63.11223(b)(7)]

Notification, Reporting, and Recordkeeping:

1. The permittee must submit the notifications specified in §63.11225(a)(1) through (a)(5) to the delegated authority. [§63.11225(a)]
 - (a) You must submit all of the notifications in §§63.7(b); 63.8(e) and (f); 63.9(b) through (e); and 63.9(g) and (h) that apply by the dates specified in those sections. [§63.11225(a)(1)]
 - (b) As specified in §63.9(b)(2), the permittee must submit the Initial Notification no later than 120 calendar days after May 20, 2011 or within 120 days after the source becomes subject to the standard. [§63.11225(a)(2)]
 - (c) The permittee must submit the Notification of Compliance Status in accordance with §63.9(h) no later than 120 days after the applicable compliance date specified in §63.11196. In addition to the information required in §63.9(h)(2), your notification must include the following certification(s) of compliance, as applicable, and signed by a responsible official: [§63.11225(a)(4)]
 - (i) “This facility complies with the requirements in §63.11214 to conduct an initial tune-up of the boiler.” [§63.11225(a)(4)(i)]
 - (ii) “This facility has had an energy assessment performed according to §63.11214(c).” [§63.11225(a)(4)(ii)]
 - (iii) For units that do not qualify for a statutory exemption as provided in Section 129(g)(1) of the Clean Air Act: “No secondary materials that are solid waste were combusted in any affected unit.” [§63.11225(a)(4)(iii)]
2. The permittee may prepare a biennial compliance report as specified in §63.11225(b)(1) through (4). [§63.11225(b)]
 - (a) Company name and address. [§63.11225(b)(1)]
 - (b) Statement by a responsible official, with the official's name, title, phone number, e-mail address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart. [§63.11225(b)(2)]
 - (c) If the source experiences any deviations from the applicable requirements during the reporting period, include a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken. [§63.11225(b)(3)]
3. You must maintain the records specified in §63.11225(c)(1) through (5). [§63.11225(c)]
 - (a) As required in §63.10(b)(2)(xiv), you must keep a copy of each notification and report that you submitted to comply with this subpart and all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted. [§63.11225(c)(1)]
 - (b) The permittee must keep records to document conformance with the work practices and management practices required by §63.11214 as specified in §63.11225(c)(2)(i) and (ii). [§63.11225(c)(2)]

- (c) Records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned. [§63.11225(c)(2)(i)]
 - (d) Records documenting the fuel type(s) used monthly by each boiler, including, but not limited to, a description of the fuel, including whether the fuel has received a non-waste determination by you or EPA, and the total fuel usage amount with units of measure. If you combust non-hazardous secondary materials that have been determined not to be solid waste pursuant to §241.3(b)(1), you must keep a record which documents how the secondary material meets each of the legitimacy criteria. If you combust a fuel that has been processed from a discarded non-hazardous secondary material pursuant to §241.3(b)(4), you must keep records as to how the operations that produced the fuel satisfies the definition of processing in §241.2. If the fuel received a non-waste determination pursuant to the petition process submitted under §241.3(c), you must keep a record that documents how the fuel satisfies the requirements of the petition process. [§63.11225(c)(2)(ii)]
 - (e) Records of the occurrence and duration of each malfunction of the boiler, or of the associated air pollution control and monitoring equipment. [§63.11225(c)(4)]
 - (f) Records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in §63.11205(a), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation. [§63.11225(c)(5)]
4. Your records must be in a form suitable and readily available for expeditious review, according to §63.10(b)(1). As specified in §63.10(b)(1), you must keep each record for five years following the date of each recorded action. You must keep each record on-site for at least two years after the date of each recorded action according to §63.10(b)(1). You may keep the records off site for the remaining three years. [§63.11225(d)]
5. If you intend to commence or recommence combustion of solid waste, you must provide 30 days prior notice of the date upon which you will commence or recommence combustion of solid waste. The notification must identify: [§63.11225(f)]
- (a) The name of the owner or operator of the affected source, the location of the source, the boiler(s) that will commence burning solid waste, and the date of the notice. [§63.11225(f)(1)]
 - (b) The currently applicable subcategory under this subpart. [§63.11225(f)(2)]
 - (c) The date on which you became subject to the currently applicable emission limits. [§63.11225(f)(3)]
 - (d) The date upon which you will commence combusting solid waste. [§63.11225(f)(4)]

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 is only an excerpt from the regulation or code, and is 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) Refer to the regulation for a complete list of allowances. The following is a listing of exceptions to the allowances:
 - a) Burning of household or domestic refuse. Burning of household or domestic refuse is limited to open burning on a residential premises having not more than four dwelling units, provided that the refuse originates on the same premises, with the following exceptions:
 - i) Kansas City metropolitan area. The open burning of household refuse must take place in an area zoned for agricultural purposes and outside that portion of the metropolitan area surrounded by the corporate limits of Kansas City and every contiguous municipality;
 - ii) Springfield-Greene County area. The open burning of household refuse must take place outside the corporate limits of Springfield and only within areas zoned A-1, Agricultural District;
 - iii) St. Joseph area. The open burning of household refuse must take place within an area zoned for agricultural purposes and outside that portion of the metropolitan area surrounded by the corporate limits of St. Joseph; and
 - iv) St. Louis metropolitan area. The open burning of household refuse is prohibited;
 - b) Yard waste, with the following exceptions:
 - i) Kansas City metropolitan area. The open burning of trees, tree leaves, brush or any other type of vegetation shall require an open burning permit;
 - ii) Springfield-Greene County area. The City of Springfield requires an open burning permit for the open burning of trees, brush or any other type of vegetation. The City of Springfield prohibits the open burning of tree leaves;
 - iii) St. Joseph area. Within the corporate limits of St. Joseph, the open burning of trees, tree leaves, brush or any other type of vegetation grown on a residential property is allowed during the following calendar periods and time-of-day restrictions:
 - (1) A three (3)-week period within the period commencing the first day of March through April 30 and continuing for twenty-one (21) consecutive calendar days;
 - (2) A three (3)-week period within the period commencing the first day of October through November 30 and continuing for twenty-one (21) consecutive calendar days;
 - (3) The burning shall take place only between the daytime hours of 10:00 a.m. and 3:30 p.m.; and
 - (4) In each instance, the twenty-one (21)-day burning period shall be determined by the Director of Public Health and Welfare of the City of St. Joseph for the region in which the City of St. Joseph is located provided, however, the burning period first shall receive the approval of the Department Director; and

- iv) St. Louis metropolitan area. The open burning of trees, tree leaves, brush or any other type of vegetation is limited to the period beginning September 16 and ending April 14 of each calendar year and limited to a total base area not to exceed sixteen (16) square feet. Any open burning shall be conducted only between the hours of 10:00 a.m. and 4:00 p.m. and is limited to areas outside of incorporated municipalities;
- 3) Certain types of materials may be open burned provided an open burning permit is obtained from the Director. The permit will specify the conditions and provisions of all open burning. The permit may be revoked if the owner or operator fails to comply with the conditions or any provisions of the permit.
- 4) Smith Flooring, Inc.-Mountain View Facility may be issued an annually renewable open burning permit for open burning provided that an air curtain destructor or incinerator is utilized and only tree trunks, tree limbs, vegetation or untreated wood waste are burned. Open burning shall occur at least two hundred (200) yards from the nearest occupied structure unless the owner or operator of the occupied structure provides a written waiver of this requirement. Any waiver shall accompany the open burning permit application. The permit may be revoked if Smith Flooring, Inc.-Mountain View Facility fails to comply with the provisions or any condition of the open burning permit.
- a) In a nonattainment area, as defined in 10 CSR 10-6.020, Paragraph (2)(N)5., the Director shall not issue a permit under this section unless the owner or operator can demonstrate to the satisfaction of the Director that the emissions from the open burning of the specified material would be less than the emissions from any other waste management or disposal method.
- 5) Reporting and Recordkeeping. New Source Performance Standard (NSPS) 40 CFR Part 60 Subpart CCCC establishes certain requirements for air curtain destructors or incinerators that burn wood trade waste. These requirements are established in 40 CFR 60.2245-60.2260. The provisions of 40 CFR Part 60 Subpart CCCC promulgated as of September 22, 2005, shall apply and are hereby incorporated by reference in this rule, as published by the U.S. Government Printing Office, 732 N Capitol Street NW, Washington, DC 20401. To comply with NSPS 40 CFR 60.2245-60.2260, sources must conduct an annual Method 9 test. A copy of the annual Method 9 test results shall be submitted to the Director.
- 6) Test Methods. The visible emissions from air pollution sources shall be evaluated as specified by 40 CFR Part 60, Appendix A–Test Methods, Method 9–Visual Determination of the Opacity of Emissions from Stationary Sources. The provisions of 40 CFR Part 60, Appendix A, Method 9 promulgated as of December 23, 1971, is incorporated by reference in this rule, as published by the U.S. Government Printing Office, 732 N Capitol Street NW, Washington, DC 20401.

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

- 1) In the event of a malfunction, which results in excess emissions that exceed one hour, the permittee shall submit to the Director within two business days, in writing, the following information:
- a) Name and location of installation;
- b) Name and telephone number of person responsible for the installation;
- c) Name of the person who first discovered the malfunction and precise time and date that the malfunction was discovered.
- d) Identity of the equipment causing the excess emissions;
- e) Time and duration of the period of excess emissions;
- f) Cause of the excess emissions;
- g) Air pollutants involved;
- h) Best estimate of the magnitude of the excess emissions expressed in the units of the applicable requirement and the operating data and calculations used in estimating the magnitude;

- i) Measures taken to mitigate the extent and duration of the excess emissions; and
 - j) Measures taken to remedy the situation that caused the excess emissions and the measures taken or planned to prevent the recurrence of these situations.
- 2) The permittee shall submit the Paragraph 1 information list to the Director in writing at least ten days prior to any maintenance, start-up or shutdown, which is expected to cause an excessive release of emissions that exceed one hour. If notice of the event cannot be given ten days prior to the planned occurrence, it shall be given as soon as practicable prior to the release. If an unplanned excess release of emissions exceeding one hour occurs during maintenance, start-up or shutdown, the Director shall be notified verbally as soon as practical during normal working hours and no later than the close of business of the following working day. A written notice shall follow within ten working days.
 - 3) Upon receipt of a notice of excess emissions issued by an agency holding a certificate of authority under Section 643.140, RSMo, the permittee may provide information showing that the excess emissions were the consequence of a malfunction, start-up or shutdown. The information, at a minimum, should be the Paragraph 1 list and shall be submitted not later than 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. [10 CSR 10-6.065(5)(B)1.A(III)] The permittee shall retain the most current operating permit issued to this installation on-site. [10 CSR 10-6.065, §(5)(C)(1) and §(6)(C)1.C(II)] The permittee shall immediately make such permit available to any Missouri Department of Natural Resources personnel upon request. [10 CSR 10-6.065, §(5)(C)(1) and §(6)(C)3.B]

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

- 1) The permittee shall follow the procedures and requirements of 40 CFR Part 61, Subpart M for any activities occurring at this installation which would be subject to provisions for 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos.

- 2) The permittee shall conduct monitoring to demonstrate compliance with registration, certification, notification, and Abatement Procedures and Practices standards as specified in 40 CFR Part 61, Subpart M.

10 CSR 10-6.100 Alternate Emission Limits

Proposals for alternate emission limitations shall be submitted on Alternate Emission Limits Permit forms provided by the Department. An installation owner or operator must obtain an Alternate Emission Limits Permit in accordance with 10 CSR 10-6.100 before alternate emission limits may become effective.

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

- 1) The permittee shall submit 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) The permittee may be required by the Director to file additional reports.
- 3) 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.
- 4) The permittee shall submit a full EIQ for the 2011, 2014, 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.
- 5) The fees shall be payable to the Department of Natural Resources and shall be accompanied by the emissions report.
- 6) The permittee shall complete required reports on state supplied EIQ forms or electronically via MoEIS. Alternate methods of reporting the emissions can be submitted for approval by the Director. The reports shall be submitted to the Director by April 1 after the end of each reporting year. If the full emissions report is filed electronically via MoEIS, this due date is extended to May 1.
- 7) The reporting period shall end on December 31 of each calendar year. Each report shall contain the required information for each emission unit for the twelve (12)-month period immediately preceding the end of the reporting period.
- 8) The permittee shall collect, record and maintain the information necessary to complete the required forms during each year of operation of the installation.

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

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

10 CSR 10-6.150 Circumvention

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

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

- 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 A, 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 the visible emissions were normal for the installation.
- 3) Whether equipment malfunctions contributed to an exceedance.
- 4) 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 10-6.165 Restriction of Emission of Odors**This requirement is not federally enforceable.**

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

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

Title VI – 40 CFR Part 82 Protection of Stratospheric Ozone

- 1) The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:
 - a) All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to §82.106.
 - b) The placement of the required warning statement must comply with the requirements pursuant to §82.108.
 - c) The form of the label bearing the required warning statement must comply with the requirements pursuant to §82.110.

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

10 CSR 10-6.280 Compliance Monitoring Usage

- 1) The permittee is not prohibited from using the following in addition to any specified compliance methods for the purpose of submission of compliance certificates:
 - a) Monitoring methods outlined in 40 CFR Part 64;
 - b) Monitoring method(s) approved for the permittee pursuant to 10 CSR 10-6.065, "Operating Permits", and incorporated into an operating permit; and
 - c) Any other monitoring methods approved by the Director.
- 2) Any credible evidence may be used for the purpose of establishing whether a permittee has violated or is in violation of any such plan or other applicable requirement. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred by a permittee:
 - a) Monitoring methods outlined in 40 CFR Part 64;
 - b) A monitoring method approved for the permittee pursuant to 10 CSR 10-6.065, "Operating Permits", and incorporated into an operating permit; and

- c) Compliance test methods specified in the rule cited as the authority for the emission limitations.
- 3) The following testing, monitoring or information gathering methods are presumptively credible testing, monitoring, or information gathering methods:
 - a) Applicable monitoring or testing methods, cited in:
 - i) 10 CSR 10-6.030, "Sampling Methods for Air Pollution Sources";
 - ii) 10 CSR 10-6.040, "Reference Methods";
 - iii) 10 CSR 10-6.070, "New Source Performance Standards";
 - iv) 10 CSR 10-6.080, "Emission Standards for Hazardous Air Pollutants"; or
 - b) Other testing, monitoring, or information gathering methods, if approved by the Director, that produce information comparable to that produced by any method listed above.

V. General Permit Requirements

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

10 CSR 10-6.065, §(5)(E)2 and §(6)(C)1.B Permit Duration

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

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

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

- ii) Any deviation that poses an imminent and substantial danger to public health, safety or the environment shall be reported as soon as practicable.
- iii) Any other deviations identified in the permit as requiring more frequent reporting than the permittee's annual report shall be reported on the schedule specified in this permit, and no later than ten days after any exceedance of any applicable rule, regulation, or other restriction.
- e) Every report submitted shall be certified by the responsible official, except that, if a report of a deviation must be submitted within ten days after the deviation, the report may be submitted without a certification if the report is resubmitted with an appropriate certification within ten days after that, together with any corrected or supplemental information required concerning the deviation.
- f) The permittee may request confidential treatment of information submitted in any report of deviation.

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

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

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

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

- 1) The permittee must comply with all of the terms and conditions of this permit. Any 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 semi-annually (or more frequently if specified in the applicable requirement). These progress reports shall contain the following:
 - a) Dates for achieving the activities, milestones or compliance required in the schedule of compliance, and dates when these activities, milestones or compliance were achieved, and
 - b) An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventative or corrective measures adopted.
- 4) The permittee shall submit an annual certification that it is in compliance with all of the federally enforceable terms and conditions contained in this permit, including emissions limitations, standards, or work practices. These certifications shall be submitted annually by April 1st, unless the applicable requirement specifies more frequent submission. These certifications shall be submitted to the Air Pollution Control Program, Enforcement Section, P.O. Box 176, Jefferson City, MO 65102. All deviations and exceedances must be included in the compliance certifications. The compliance certification shall include the following:
 - a) The identification of each term or condition of the permit that is the basis of the certification;
 - b) The current compliance status, as shown by monitoring data and other information reasonably available to the installation;
 - c) Whether compliance was continuous or intermittent;
 - d) The method(s) used for determining the compliance status of the installation, both currently and over the reporting period; and
 - e) Such other facts as the Air Pollution Control Program will require in order to determine the compliance status of this installation.

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

- 1) An emergency or upset as defined in 10 CSR 10-6.065(6)(C)7.A shall constitute an affirmative defense to an enforcement action brought for 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 recordkeeping requirements, increase the emissions above major source level) do not qualify for off-permit changes.
 - b) The permittee must provide written notice of the change to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as well as EPA Region VII, 901 North 5th Street, Kansas City, KS 66101, no later than the next annual emissions report. This written notice shall describe each change, including the date, any change in emissions, pollutants emitted and any applicable requirement that would apply as a result of the change; and
 - c) The permittee shall keep a record describing all changes made at the installation that result in emissions of a regulated air pollutant subject to an applicable requirement and the emissions resulting from these changes.

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

The application utilized in the preparation of this permit was signed by Jon D. Smith, 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) The Missouri Department of Natural Resources 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 F
Method 9 Log**

Method 9 Opacity Emissions Observations

Company	Observer
Location	Observer Certification Date
Date	Emission Unit
Time	Control Device

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

SUMMARY OF AVERAGE OPACITY

Set Number	Time		Opacity	
	Start	End	Sum	Average

Readings ranged from _____ to _____ % opacity.

Was the emission unit in compliance at the time of evaluation? _____
 YES NO Signature of Observer _____

STATEMENT OF BASIS

Voluntary Limitations

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

Permit Reference Documents

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

- 1) Intermediate Operating Permit Application, received July 8, 2010;
- 2) 2010 Emissions Inventory Questionnaire, received March 22, 2011; and
- 3) U.S. EPA document AP-42, *Compilation of Air Pollutant Emission Factors*; Volume I, Stationary Point and Area Sources, Fifth Edition.
- 4) FIRE 6.25
- 5) No Permit Required Letter, PAMS 2160-0005-007
- 6) Construction Permit #0893-014
- 7) Construction Permit #0596-021
- 8) Construction Permit #1197-014, and amendment dated May 6, 1998
- 9) No Permit Required Letter, PAMS 2003-07-142

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.

40 CFR Part 63 Subpart JJJJJJ- National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources

This rule was published by EPA on 76 FR 15591, Mar. 21, 2011.

Other Air Regulations Determined Not to Apply to the Operating Permit

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

None

Construction Permit History

The installation was constructed prior to 1980, so much of the equipment is grandfathered from the construction permit rule. The following Construction Permits have been issued to this installation:

- 1) No Permit Required Letter, PAMS 2160-0005-007
- 2) This project authorizes the like kind replacement of a rough knot saw and storage silo.
- 3) Construction Permit 0893-014
- 4) This permit authorizes the installation of the wood fired boiler. It does not contain any special conditions.
- 5) Construction Permit 0596-021
- 6) This permit authorizes the addition of four saws, a planer and associated control equipment. This permit does contain special conditions requiring the use of the control device. It does not appear in this Operating Permit because the Voluntary Limitation PW001 requires that all control devices be used when the plant is operational. To include the construction permit requirement would be duplicative.
- 7) Construction Permit 1197-014 and amendment dated May 6, 1998
- 8) This permit authorizes the installation of a Scrag Mill consisting of a Scrag Saw, Blo-Hog Grinder, and Blower to produce sawdust from scrap wood and pneumatically convey it to a truck loadout. This permit originally contained a special condition requiring the operation of the control device (baghouse), however the 1998 amendment removes that requirement because the potential emissions were less than 2 tons per year.
- 9) No Permit Required Letter, PAMS 2003-07-142
- 10) This project authorizes the replacement of a small grinder with a larger grinder, which will be used to grind up the waste wood pieces. The new grinder has MHDR of 12 tons/hr and is controlled by a baghouse with 99 percent control efficiency. The replacement does not increase production or throughput of any equipment. This project also authorizes the installation of new blowpipe and a new blower to replace existing units, with the purpose to increase efficiency.
- 11) Construction Permit 112001-002
- 12) This project authorizes the installation of a grinder and a pre-surfacer. It contains special requirements to control the units with the baghouse, with associated monitoring and recordkeeping, and also prohibits the grinder being used for off-site waste. The control requirements do not appear in this Operating Permit because they are already required by Voluntary Condition PW001. The off-site waste requirement does appear as a unit specific limitation.

New Source Performance Standards (NSPS) Applicability

None

Maximum Achievable Control Technology (MACT) Applicability

40 CFR Part 63 Subpart JJJJJ- National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources

The boiler meets the definition of existing biomass boiler in this regulation. It is subject to the requirements to obtain a tune up and energy assessment. There are no emission limitations (except the general requirement in §63.11205(a)).

National Emission Standards for Hazardous Air Pollutants (NESHAP) Applicability

In the permit application and according to APCP records, there was no indication that any Missouri Air Conservation Law, Asbestos Abatement, 643.225 through 643.250; 10 CSR 10-6.080, Emission Standards for Hazardous Air Pollutants, Subpart M, National Standards for Asbestos; and 10 CSR 10-6.250, Asbestos Abatement Projects - Certification, Accreditation, and Business Exemption

Requirements apply to this installation. The installation is subject to these regulations if they undertake any projects that deal with or involve any asbestos containing materials. None of the installation's operating projects underway at the time of this review deal with or involve asbestos containing material. Therefore, the above regulations were not cited in the operating permit. If the installation should undertake any construction or demolition projects in the future that deal with or involve any asbestos containing materials, the installation must follow all of the applicable requirements of the above rules related to that specific project.

Other Regulatory Determinations

Voluntary Limitation PW001:

In the Operating Permit application, the installation proposed a voluntary condition to keep all control devices in place and use them whenever the plant is operational. However, the controlled potential emissions would still be greater than 100 tons per year of PM. Therefore, the additional emissions limitation was included in the permit condition. The potential emissions are presented below:

PM Emission factor (Ef) Codes for FIRE 6.25	
SCC code	Emission Units
30700802	EU0010 through EU0100, EU0130, EU0170 through EU0190
30700302	EU0110
30700301	EU0120
30700803	EU0140 and EU0150
30700801	EU0160 and EU0200
10200908	EU0210

Emission Unit #	Description	MHDR	PM Ef	Control Device	capture	control	PTE-U	PTE-C
EU0010	Log Sawing-Rip Saws	18	0.35	CD01: Baghouse	0.5	0.99	27.59	13.93
EU0020	Log Sawing-Rough knot Saws	18	0.35	CD01: Baghouse	0.5	0.99	27.59	13.93
EU0030	Log Sawing-Planers	16	0.35	CD01: Baghouse	0.5	0.99	24.53	12.39
EU0040	Log Sawing-Finish Saws	16	0.35	CD01: Baghouse	0.5	0.99	24.53	12.39
EU0050	Log Sawing-End Matchers	16	0.35	CD01: Baghouse	0.5	0.99	24.53	12.39
EU0060	Log Sawing-Grinder	3	0.35	CD01: Baghouse	0.5	0.99	4.60	2.32
EU0070	Log Sawing-Planer	2	0.35	CD-02: Baghouse	0.5	0.99	3.07	1.55
EU0080	Log Sawing-Finish Saws (2)	2	0.35	CD-02: Baghouse	0.5	0.99	3.07	1.55
EU0090	Log Sawing-Grinder (Wood Chip Waste)	5	0.35	CD01: Baghouse	0.5	0.99	7.67	3.87
EU0100	Log Sawing-Pre Surfacers	24	0.35	CD-02: Baghouse	0.5	0.99	36.79	18.58
EU0110	Sawdust Storage/Loadout-Silo	1	2	CD-04: Partial Enclosure	1	0.4	8.76	5.26
EU0120	Sawdust Storage/Loadout-Silo	5	1	CD-07: Multicyclone	1	0.8	21.90	4.38
EU0130	Sawmill Process-Sawmill Saws (Scrag Saw)	15	0.35	CD-06: Baghouse	1	0.99	23.00	0.23
EU0140	Sawmill Process-Sawdust Loadout Blower, truck blower (Blower)	1	1	CD-05: Partial Enclosure	1	0.25	4.38	3.29
EU0150	Sawmill Process-Sawdust Loadout Blower, truck blower	1	1	CD-05: Partial Enclosure	1	0.25	4.38	3.29
EU0160	Sawmill Process-Sawmill Bin	2	0.2	CD-06: Baghouse	1	0.8	1.75	0.35
EU0170	Log Sawing-Grinder (Blo-Hog Grinder)	1	0.35	none			1.53	1.53
EU0180	Log Sawing-Grinder	1	0.35	none			1.53	1.53
EU0190	Log Sawing-Grinder	1	0.35	none			1.53	1.53
EU0200	Log Sawing-Log Debarking	15	0.2	none			13.14	13.14
EU0210	Boiler	27	0.36	CD-03: Multicyclone with Fly ash reinjection	1	0.8	42.57	8.51
Total PTE-U=							308.44	
Total PTE-C=								135.94

PTE-U=uncontrolled potential to emit
 PTE-C=controlled potential to emit

10 CSR 10-3.060, Maximum Allowable Emissions of Particulate Matter From Fuel Used for Indirect Heating

The boiler is subject to this regulation, with a new source emission limitation of 0.43 lb/MMBtu (11.61 lb/hr). However, the uncontrolled potential emissions from the boiler are 0.36 lb/MMBtu (9.72 lb/hr). Because the uncontrolled potential emissions are less than the limit, compliance is assumed.

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

The boiler is subject to this regulation, with an emission limit of 8.0 lbs/MMBtu. The potential emissions of the boiler are 0.025 lb/MMBtu. Since the uncontrolled potential is less than the limit, compliance is assumed.

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

All of the units in this table are exempt because their uncontrolled potential emissions are less than the limit imposed by the rule, see 6.400(1)(B)16.

EU	Unit Description	6.400 Compliance	
		Limit	PTE-U
EU0010	Log Sawing-Rip Saws	28.43	6.30
EU0020	Log Sawing-Rough knot Saws	28.43	6.30
EU0030	Log Sawing-Planers	26.28	5.60
EU0040	Log Sawing-Finish Saws	26.28	5.60
EU0050	Log Sawing-End Matchers	26.28	5.60
EU0060	Log Sawing-Grinder	8.56	1.05
EU0070	Log Sawing-Planer	6.52	0.70
EU0080	Log Sawing-Finish Saws (2)	6.52	0.70
EU0090	Log Sawing-Grinder (Wood Chip Waste)	12.05	1.75
EU0100	Log Sawing-Pre Surfacers	34.48	8.40
EU0110	Sawdust Storage/Loadout-Silo	4.10	2.00
EU0120	Sawdust Storage/Loadout-Silo	12.05	5.00
EU0130	Sawmill Process-Sawmill Saws (Scrag Saw)	25.16	5.25
EU0140	Sawmill Process-Sawdust Loadout Blower, truck blower	4.10	1.00
EU0150	Sawmill Process-Sawdust Loadout Blower, truck blower (Blower)	4.10	1.00
EU0200	Log Sawing-Log Debarking	25.16	3.00

These units are exempt because they have uncontrolled potential emissions less than 0.5 lb/hr, see 6.400(1)(B)12.

EU	Unit Description	PTE-U
EU0180	Log Sawing-Grinder	0.35
EU0190	Log Sawing-Grinder	0.35
EU0170	Log Sawing-Grinder (Blo-Hog Grinder)	0.35
EU0160	Sawmill Process-Sawmill Bin	0.40

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

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

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

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

Prepared by:

Nicole Weidenbenner, P.E.
Environmental Engineer

CERTIFIED MAIL: 70093410000190188636
RETURN RECEIPT REQUESTED

Mr. Jon D. Smith
Smith Flooring, Inc.-Mountain View Facility
P.O. Box 99
Mountain View, MO 65548

Re: Smith Flooring, Inc.-Mountain View Facility, 091-0005
Permit Number: **OP2011-064**

Dear Mr. Smith:

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.

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 do not hesitate to contact Nicole Weidenbenner at the Department's Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102, or by telephone at (573) 751-4817. Thank you for your time and attention to this matter.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

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

MJS/nwk

Enclosures

c: Southeast Regional Office
PAMS File: 2010-07-024