

Missouri Department of Natural Resources
Air Pollution Control Program

PART 70

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.

Operating Permit Number: OP2011-021
Expiration Date: MAY 16 2016
Installation ID: 091-0046
Project Number: 2003-07-154

Installation Name and Address

Armstrong Hardwood Flooring, Co.
508 Thornburg Street
West Plains, MO 65775
Howell County

Parent Company's Name and Address

Armstrong Hardwood Flooring Company
2500 Columbia Ave.,
P.O. Box 3001
Lancaster, PA 17604-3001

Installation Description:

Armstrong Hardwood Flooring Company, located in Howell County, manufactures hardwood flooring. The main processes associated with this facility include the processing and coating of lumber for the manufacturing of hardwood flooring. The installation is a major source of volatile organic compounds (VOCs), and an area source of hazardous air pollutants (HAPs).

MAY 17 2011

Effective Date

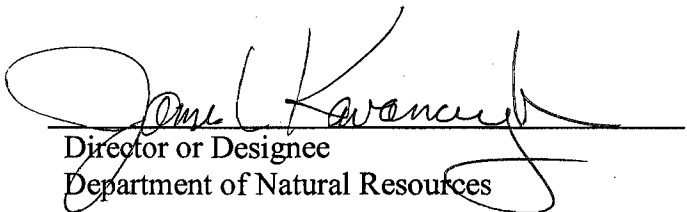

Director or Designee
Department of Natural Resources

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I. Installation Description and Equipment Listing

INSTALLATION DESCRIPTION

Armstrong Hardwood Flooring Company, located in Howell County, manufactures hardwood flooring. The main processes associated with this facility include the processing and coating of lumber for the manufacturing of hardwood flooring. The installation is a major source of volatile organic compounds (VOCs) and an area source of hazardous air pollutants (HAPs). Processes at the installation include, but are not limited to, the processing of lumber by sawing, planing/trimming, sanding, and the treating of lumber using stain, wax, sealer and topcoat applications. Beyond these major components, the installation also contains three boilers, a wood silo loadout area, a haulroad and several insignificant emission activities.

Reported Air Pollutant Emissions, tons per year								
Year	Particulate Matter ≤ Ten Microns (PM-10)	Particulate Matter ≤ 2.5 Microns (PM-2.5)	Sulfur Oxides (SO _x)	Nitrogen Oxides (NO _x)	Volatile Organic Compounds (VOC)	Carbon Monoxide (CO)	Lead (Pb)	Hazardous Air Pollutants (HAPs)
2009	8.58	0.00	1.53	3.63	42.48	20.90	0.00	0.00
2008	10.05	0.00	1.90	3.92	58.44	22.44	0.00	2.33
2007	13.30	0.00	2.22	5.23	79.99	30.13	0.00	2.51
2006	11.63	0.00	2.01	4.16	67.67	23.83	0.00	10.55
2005	12.58	0.00	2.06	4.28	41.44	24.52	0.00	8.59

EMISSION UNITS WITH LIMITATIONS

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

Emission Unit #	Description of Emission Unit	2009 EIQ Reference #
EU0010	Flooring Mill	EP01, EP02, & EP03
EU0020	Boiler Fuel Metering System	EP04
EU0030	Boiler #1	EP05
EU0040	Boiler #2	EP06
EU0050	Boiler #3	EP07
EU0060	Truck Loading Station	EP08
EU0070	Stain Oven	EP09, & EP09 II
EU0080	Finishing Line	EP10, & EP10 II

EMISSION UNITS WITHOUT LIMITATIONS

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

Description of Emission Source

Haul Road (EP19)
 300-gallon Gasoline Tank (EP20)
 500-gallon Diesel Tank (EP21)
 1000-gallon Diesel Tank (EP21 II)
 Maintenance Parts Washers (2) (EP22)
 Propane Storage Tanks (2)
 Welding
 Drying Kilns

DOCUMENTS INCORPORATED BY REFERENCE

These documents have been incorporated by reference into this permit.

1. Air Pollution Control Program Permit to Construct Number 0688-003A, issued on July 30, 2004.

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.

Permit Condition PW001

10 CSR 10-6.065

Operating Permits

Voluntary Permit Limitation, 10 CSR 10-6.065(6)(C)2.A

Emission Limitation:

1. The installation shall emit less than ten tons of any individual Hazardous Air Pollutant (HAP) in any consecutive 12-month period.
2. The installation shall emit less than 25 tons of combined HAPs in any consecutive 12-month period.

Monitoring:

The permittee shall monitor the monthly amount and type of HAP containing materials used at the installation.

Record Keeping:

1. For the first eleven (11) months from issue date of this permit, the permittee is not required to keep a 12-month rolling sum of individual HAPs or combined HAPs. However, a monthly total for each is required to be recorded.
2. Twelve months after the issue date of this permit, the permittee shall record the monthly total of individual and combined HAP emissions from this installation and the sum of the most recent consecutive 12-month totals in tons. (See Attachments H and I)
3. These records shall be made immediately available for inspection to the Missouri Department of Natural Resources' personnel upon request.
4. These records shall be kept on-site 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 (10) days after the end of the month during which the records indicate that the source exceeded the emission limitation.
2. The permittee shall report any deviations/exceedances of this permit condition using the semi-annual monitoring report and annual compliance certification to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as required by 10 CSR 10-6.065(6)(C)1.C.(III).

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 as of the date that this permit is issued.

EU0010 through EU0020 – Flooring Mill Operations & Boiler Fuel Metering			
Emission Unit	Description	Manufacturer/Model #	2003 EIQ Reference #
EU0010	Flooring Mill - Wood waste handling system including ducting, three storage bins, three baghouses and a cyclone; MHDR = 9500 board feet of rough lumber per hour (4.89 tph for EP01, 4.75 tph for EP02, 8.15 tph for EP03); Installed in 1988.	Pneumafill Baghouses	EP01, EP02, & EP03
EU0020	Boiler Fuel Metering System - Wood waste is taken from the storage bins, through Baghouse #4 and then into fuel metering bins; MHDR = 2.7 tons of weed waste per hour; Installed in 1987.	Pneumafill Baghouses	EP04
EU0030 through EU0050 – Boiler #1, Boiler #2, & Boiler #3			
EU0030	350 hp wood fired boiler including a cyclone with flyash reinjection; MDHR = 16.1 MMBtu/hr (0.9 tons wood burned/hr); Installed in 1987	Industrial Boiler Co.	EP05
EU0040	1000 hp wood fired boiler including a cyclone with flyash reinjection; MDHR = 46 MMBtu/hr (2.7 tons wood burned/hr); Installed in 1988	Industrial Boiler Co.	EP06
EU0050	150 hp wood fired boiler vented to cyclone; MDHR = 6.9 MMBtu/hr (0.4 tons wood burned/hr); Installed in 1986	Industrial Boiler Co.	EP07
EU0060 through EU0080 – Wood Waste Loadout, Finishing Lines, & Drying Oven			
EU0060	Wood waste storage bin load out within an enclosed building ducted to Baghouse #1 (EP01); MHDR = 150 tons of wood waste per hour; Installed in 1988.	Pneumafill Baghouse	EP08
EU0070	Application of stains, sealers and topcoats (EP09 II) and related clean-up activities (EP09); No controls; MHDR = 5,000 square feet of finished flooring per hour (0.05 tons of coating and cleanup solvents); Installed in 1988	Dubois	EP09, EP09 II
EU0080	1.2 MMBtu/hr propane fired drying oven (EP10) used to dry freshly stained wood; Coating Process (EP10 II) MHDR = 0.01 tons of coating; Installed in 1988	Dubois	EP10, EP10 II

PERMIT CONDITION 001
10 CSR 10-6.060 Construction Permits Required
Air Pollution Control Program Permit to Construct Number 0688-003A
<i>Applicable only to Emission Units EU0010, & EU0020</i>

Equipment and Operation Parameters:

- 1.) The permittee shall control emissions from flooring line #2 using baghouses as specified in the permit application. (Special Condition 3A)

- 2.) The baghouses shall be operated and maintained in accordance with the manufacturer's specifications. (Special Condition 3A)
- 3.) The baghouse shall be equipped with a gauge or meter, which indicates the pressure drop across the control device. These gauges or meters shall be located such that the Department of Natural Resources' employees may easily observe them. (Special Condition 3A)
- 4.) Replacement filters for the baghouses and drum filters shall be kept on hand at all times and be made of fibers appropriate for the operating conditions that are expected to occur (i.e. temperature limits, acidic and alkali resistance, and abrasion resistance). (Special Condition 3A)
- 5.) The operating pressure drop across the baghouses and drum filters shall be maintained within the design conditions specified by the manufacturer's performance warranty. (Special Condition 3B)

Monitoring:

The permittee shall check the baghouse pressure drop across the baghouses and drum filters at least once every 24 hours when in operation. (Special Condition 3B)

Record Keeping:

- 1.) The permittee shall maintain records of the daily pressure drop readings when in operation. (Special Condition 3B)
- 2.) The permittee shall maintain an operating and maintenance log for the baghouses and drum filters which shall include the following:
 - a) Incidents of malfunction, with impact on emissions, duration of event, probable cause, and corrective actions, and; (Special Condition 3C(i))
 - b) Maintenance activities, with inspection schedule, repair actions, and replacements, etc. (Special Condition 3C(ii))
- 3.) Attachments D and E contain example logs for these record keeping requirements. These logs, or equivalents created by the permittee, must be used to certify compliance with this requirement.
- 4.) All records shall be made available immediately for inspection to Department of Natural Resources' personnel upon request.
- 5.) All records shall be maintained for a period of five (5) years.

Reporting:

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 any deviation from or exceedance of any of the terms imposed by this regulation, or any malfunction which causes a deviation from or exceedance of this regulation.

PERMIT CONDITION 002

10 CSR 10-3.060 Maximum Allowable Emissions of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating

10 CSR 10-6.060 Construction Permits Required

Air Pollution Control Program Permit to Construct Number 0688-003A

Applicable to Emission Units EU0030, EU0040, & EU0050

Emission Limitation:

- 1.) The permittee shall not emit particulate matter in excess of 0.31 pounds per million BTU of heat input from each of these units. (§3.060(5)(B))
- 2.) The cyclone system must be in use at all times whenever boilers EU0030 (EP-05) & EU0040 (EP-06) are in operation to maintain compliance with the standard.

- a) The cyclone system shall be operated and maintained in accordance with the manufacturer's specifications.
- 3.) The cyclone with flyash reinjection system must be in use at all times whenever the 1000 HP boiler is in operation. (Special Condition 5A)
 - a) The cyclone with flyash reinjection system shall be operated and maintained in accordance with the manufacturer's specifications. (Special Condition 5A)

Monitoring/Record Keeping:

- 1.) The permittee shall maintain an operating and maintenance log for the cyclone which shall include the following:
 - a) Incidents of malfunction; with impact on emissions, duration of event, probable cause, and corrective actions. (Special Condition 5B(1))
 - b) Maintenance activities; with inspection schedule, repair actions, and replacements, etc. (Special Condition 5B(2)).
 - c) The permittee shall maintain on the premises of the installation calculations demonstrating compliance with this rule. (See Attachment G).
- 2.) Attachments D and E contain example logs for these record keeping requirements. These logs, or equivalents created by the permittee, must be used to certify compliance with this requirement.
- 3.) These records shall be made available immediately for inspection to the Department of Natural Resources' personnel upon request.
- 4.) All records shall be maintained for five years.

Reporting:

The permittee shall report any deviations/exceedances of this permit condition using the semi-annual monitoring report and annual compliance certification to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as required by 10 CSR 10-6.065(6)(C)1.C.(III).

PERMIT CONDITION 003

10 CSR 10-6.060 Construction Permits Required

Air Pollution Control Program Permit to Construct Number 0688-003A

Applicable to Emission Units EU0040, EU0070, & EU0080

Emission Limitation:

The permittee shall emit less than 250.0 tons of Volatile Organic Compounds (VOCs) combined from EU0070 (Stain Coater (finishing line) (EP09-1 & 2)), EU0080 (Stain Oven – Coating (EP10-II)) and EU0040 (1000 HP Wood Fired Boiler (EP06)) in any consecutive 12-month period. (Special Condition 2A)

Record Keeping:

1. Attachment F or equivalent form approved by the Air Pollution Control Program shall be used to demonstrate compliance with the emission limitation.
2. These records shall be kept on site and be made available to any Department of Natural Resources' personnel immediately upon request. (Special Condition 2B)
3. All records shall be maintained for five years. (Special Condition 2B)

Reporting:

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 end of the month during which the records indicate that the source exceeds the emission limitation. (Special Condition 2C)

PERMIT CONDITION 004

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

Condition only applicable to Emission Unit EU0060

Operational Requirements:

- 1.) This unit is provided a conditional exemption from this rule per §6.400(1)(B)15.
- 2.) The permittee shall maintain the exemption from this rule by complying with the following operation, monitoring and maintenance requirements for the associated control device.

Equipment and Operation Parameters:

- 1.) The baghouse system must be in use at all times this unit is in operation to maintain the conditional exemption from this rule.
- 2.) The permittee shall maintain and operate the baghouses and their respective instrumentation according to the manufacturer's specifications and recommendations.
- 3.) These emission units shall not be operated without fabric filters in place in all baghouses that service these emission units.
- 4.) The pressure drop across the baghouse filters shall be maintained within the design conditions specified by the manufacturer's performance warranty.
 - a) If the pressure drop falls out of this normal operating range, corrective action shall be taken within eight (8) hours to return the pressure drop to normal.
 - b) If corrective action cannot be taken within eight (8) hours, the affected baghouse ventilation system will either be shut down, or will be directed such that the emissions from the affected baghouse are vented back into the building.
 - c) A pressure drop reading of less than two (2) inches may be observed for a period following the installation of a new bag.
- 5.) Replacement filters shall be kept on hand at all times and be made of fibers appropriate for the operating conditions that are expected to occur (i.e. temperature limits, acidic and alkali resistance, and abrasion resistance).

Monitoring:

- 1.) The permittee shall check the baghouse pressure drop daily when units are in operation.
- 2.) The permittee shall thoroughly inspect dust collection system/baghouse for leaks and wear semi-annually.
- 3.) If leaks or abnormal conditions are detected, the appropriate measures for remediation shall be implemented within eight (8) hours.

Record Keeping:

- 1.) The permittee shall maintain records of the daily pressure drop readings.
- 2.) The permittee shall maintain records of all inspections of each baghouse.
- 3.) The permittee shall maintain records of all fabric filter replacements and maintenance performed.
- 4.) Attachments D and E contain logs including these record keeping requirements. These logs, or equivalents created by the permittee, must be used to certify compliance with this requirement.
- 5.) All records shall be made available immediately for inspection to Department of Natural Resources' personnel upon request.
- 6.) All records shall be maintained for a period of five (5) years.

PERMIT CONDITION 005

10 CSR 10-6.075 Maximum Achievable Control Technology Regulations
40 CFR Part 63 Subpart QQQQ National Emission Standards for Hazardous Air Pollutants:
Surface Coating of Wood Building Products
40 CFR Part 63 Subpart A *General Provisions*
Applicable to Emission Unit EU0070 & EU0080 (EP10 II)

Emission Limitation:

- 1.) The permittee must limit organic HAP emissions to the atmosphere to no more than 0.78 lb HAP/gal coating solids (93 grams HAP/liter solids) on or before May 28, 2006.
- 2.) Any coating operation(s) for which you use the compliant material option must be in compliance with the applicable emission limit at all times.

Operating Limits:

For any coating operation(s) on which you use the compliant material option or the emission rate without add-on controls option, you are not required to meet any operating limits. [§63.4692(a)]

Work Practice Standards:

For any coating operation(s) on which you use the compliant material option or the emission rate without add-on controls option, you are not required to meet any work practice standards. [§63.4693(a)]

Demonstrating Continuous Compliance with the Emission Limitations:

- 1.) For each compliance period to demonstrate continuous compliance, you must use no coating for which the organic HAP content determined using Equation 2 of §63.4741 exceeds the applicable emission limit in §63.4690; and use no thinner or cleaning material that contains organic HAP, determined according to §63.4741(a). A compliance period consists of 12 months. Each month after the end of the initial compliance period described in §63.4740 is the end of a compliance period consisting of that month and the preceding 11 months. [§63.4742(a)]
- 2.) If you choose to comply with the emission limitations by using the compliant material option, the use of any coating, thinner, or cleaning material that does not meet the criteria specified in Paragraph (a) of §63.4742(b) is a deviation from the emission limitations that must be reported as specified in §§63.4710(c)(6) and 63.4720(a)(5). [§63.4742(b)]
- 3.) As part of each semi-annual compliance report required by §63.4720, you must identify the coating operation(s) for which you used the compliant material option. If there were no deviations from the emission limitations in §63.4690, submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because you used no coating for which the organic HAP content exceeded the applicable emission limit in §63.4690, and you used no thinner or cleaning material that contained organic HAP, determined according to §63.4741(a). [§63.4742(c)]
- 4.) You must maintain records as specified in §§63.4730 and 63.4731. [§63.4742(d)]

Monitoring/Record Keeping:

- 1.) You must collect and keep records of the data and information specified in §63.4730. Failure to collect and keep these records is a deviation from the applicable standard. [§63.4730]
- 2.) A copy of each notification and report that you submitted to comply with this subpart, and the documentation supporting each notification and report. [§63.4730(a)]
- 3.) A current copy of information provided by materials suppliers or manufacturers, such as manufacturer's formulation data, or test data used to determine the mass fraction of organic HAP and density for each coating, thinner, and cleaning material and the volume fraction of coating solids for each coating. If you

conducted testing to determine mass fraction of organic HAP, density, or volume fraction of coating solids, you must keep a copy of the complete test report. If you use information provided to you by the manufacturer or supplier of the material that was based on testing, you must keep the summary sheet of results provided to you by the manufacturer or supplier. [§63.4730(b)]

- 4.) For each compliance period, the records specified in Paragraphs (c)(1) through (4) of §63.4730. [§63.4730(c)]
 - a) A record of the coating operations at which you used each compliance option and the time periods (beginning and ending dates and times) you used each option. [§63.4730(c)(1)]
 - b) For the compliant material option, a record of the calculation of the organic HAP content for each coating, using Equation 2 of §63.4741. [§63.4730(c)(2)]
- 5.) A record of the name and volume of each coating, thinner, and cleaning material used during each compliance period. [§63.4730(d)]
- 6.) A record of the mass fraction of organic HAP for each coating, thinner, and cleaning material used during each compliance period. [§63.4730(e)]
- 7.) A record of the volume fraction of coating solids for each coating used during each compliance period. [§63.4730(f)]
- 8.) A record of the density for each coating used during each compliance period; and, if you use either the emission rate without add-on controls or the emission rate with add-on controls compliance option, the density for each thinner and cleaning material used during each compliance period. [§63.4730(g)]
- 9.) If you use an allowance in Equation 1 of §63.4751 for organic HAP contained in waste materials sent to or designated for shipment to a treatment, storage, and disposal facility (TSDF) according to §63.4751(e)(4), you must keep records of the information specified in Paragraphs (h)(1) through (3) of §63.4730. [§63.4730(h)]
 - a) The name and address of each TSDF to which you sent waste materials for which you use an allowance in Equation 1 of §63.4751; a statement of which subparts under 40 CFR Parts 262, 264, 265, and 266 apply to the facility; and the date of each shipment. [§63.4730(h)(1)]
 - b) Identification of the coating operations producing waste materials included in each shipment and the month or months in which you used the allowance for these materials in Equation 1 of §63.4751. [§63.4730(h)(2)]
 - c) The methodology used in accordance with §63.4751(e)(4) to determine the total amount of waste materials sent to or the amount collected, stored, and designated for transport to a TSDF each month; and the methodology to determine the mass of organic HAP contained in these waste materials. This must include the sources for all data used in the determination, methods used to generate the data, frequency of testing or monitoring, and supporting calculations and documentation, including the waste manifest for each shipment. [§63.4730(h)(3)]
 - d) You must keep records of the date, time, and duration of each deviation. [§63.4730(j)]
- 10.) Your records must be in a form suitable and readily available for expeditious review, according to §63.10(b)(1). Where appropriate, the records may be maintained as electronic spreadsheets or as a database. [§63.4731(a)]
- 11.) As specified in §63.10(b)(1), you must keep each record for a period of five years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. [§63.4731(b)]
- 12.) You must keep each record on-site for at least two years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to §63.10(b)(1). You may keep the records off-site for the remaining three years. [§63.4731(c)]

Reporting:

Semi-annual Compliance Reports

You must submit semi-annual compliance reports for each affected source according to the requirements of Paragraphs (a)(1) through (7) of §63.4720. The semi-annual compliance reporting requirements may be satisfied by reports required under other parts of the Clean Air Act (CAA), as specified in Paragraph (a)(2) of §63.4720. [§63.4720(a)]

- 1.) *Dates.* Unless the Administrator has approved a different schedule for submission of reports under §63.10(a), you must prepare and submit each semi-annual compliance report according to the dates specified in Paragraphs (a)(1)(i) through (iv) of §63.4720. Note that the information reported for each of the months in the reporting period will be based on the last 12 months of data prior to the date of each monthly calculation. [§63.4720(a)(1)]
 - a) The first semi-annual compliance report must cover the first semi-annual reporting period which begins the day after the end of the initial compliance period described in §63.4740, §63.4750, or §63.4760 that applies to your affected source and ends on June 30 or December 31, whichever occurs first following the end of the initial compliance period. [§63.4720(a)(1)(i)]
 - b) Each subsequent semi-annual compliance report must cover the subsequent semi-annual reporting period from January 1 through June 30 or the semi-annual reporting period from July 1 through December 31. [§63.4720(a)(1)(ii)]
 - c) Each semi-annual compliance 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 semi-annual reporting period. [§63.4720(a)(1)(iii)]
 - d) For each affected source that is subject to permitting regulations pursuant to 40 CFR Part 70 or 40 CFR Part 71, and if the permitting authority has established dates for submitting semi-annual reports pursuant to 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A), you may submit the first and subsequent compliance reports according to the dates the permitting authority has established instead of according to the date specified in Paragraph (a)(1)(iii) of §63.4720. [§63.4720(a)(1)(iv)]
- 2.) *Inclusion with Title V report.* Each affected source that has obtained a Title V operating permit pursuant to 40 CFR Part 70 or 40 CFR Part 71 must report all deviations as defined in this subpart in the semi-annual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A). If an affected source submits a semi-annual compliance report pursuant to this section along with, or as part of, the semi-annual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A), and the semi-annual compliance report includes all required information concerning deviations from any emission limitation in this subpart, its submission shall be deemed to satisfy any obligation to report the same deviations in the semi-annual monitoring report. However, submission of a semi-annual compliance report shall not otherwise affect any obligation the affected source may have to report deviations from permit requirements to the permitting authority. [§63.4720(a)(2)]
- 3.) *General requirements.* The semi-annual compliance report must contain the information specified in Paragraphs (a)(3)(i) through (v) of §63.4720, and the information specified in Paragraphs (a)(4) through (7) and (c)(1) of §63.4720 that is applicable to your affected source. [§63.4720(a)(3)]
 - a) Company name and address.
 - b) Statement by a responsible official with that official's name, title and signature, certifying the truth, accuracy and completeness of the content of the report.
 - c) Date of report and beginning and ending dates of the reporting period. The reporting period is the 6-month period ending on June 30 or December 31.
 - d) Identification of the compliance option that you used on each coating operation.
 - e) If you used the emission rate without add-on controls compliance option, the calculation results for each rolling 12-month organic HAP emission rate during the 6-month reporting period.

- 4.) *No deviations.* If there were no deviations from the emission limitations in §§63.4690, 63.4692, and 63.4693 that apply to you, a statement that there were no deviations from the emission limitations during the reporting period must be included in the report. If you used the emission rate with add-on controls option and there were no periods during which the continuous parameter monitoring systems (CPMS) were out-of-control as specified in §63.8(c)(7), the semi-annual compliance report must include a statement that there were no periods during which the CPMS were out-of-control during the reporting period. [§63.4720(a)(4)]
- 5.) *Deviations: Compliant Material Option.* If you used the compliant material option, and there was a deviation from the applicable emission limit in §63.4690, the semi-annual compliance report must contain the information in Paragraphs (a)(5)(i) through (iv) of §63.4720. [§63.4720(a)(5)]
 - a) Identification of each coating used that deviated from the emission limit, each thinner and cleaning material used that contained organic HAP, and the dates and time periods each was used.
 - b) The calculation of the organic HAP content (using Equation 2 of §63.4741) for each coating identified in Paragraph (a)(5)(i) of §63.4720. You do not need to submit background data supporting this calculation (*e.g.*, information provided by coating suppliers or manufacturers, or test reports).
 - c) The determination of mass fraction of organic HAP for each coating, thinner, and cleaning material identified in Paragraph (a)(5)(i) of this section. You do not need to submit background data supporting this calculation (*e.g.*, information provided by material suppliers or manufacturers, or test reports).
 - d) A statement of the cause of each deviation.

PERMIT CONDITION 006

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

Condition only applicable to Emission Unit EU0070 & EU0080 (EP10 II)

Operational Requirements:

- 1.) This unit is provided conditional exemptions from this rule per §§6.400(1)(B)14.
- 2.) The permittee shall maintain the exemption from this rule by complying with the following operation, monitoring and maintenance requirements for the associated control device.

Monitoring:

- 1.) Booths equipped with mat/panel filters shall not be operated without a filter in place.
- 2.) The filters shall be inspected for holes, imperfections, proper installation or other problems that could hinder the effectiveness of the filter.
- 3.) The filters shall be inspected each shift before spraying begins in a booth and after installation of a new filter.
- 4.) The manufacturer's recommendations shall be followed with regard to installation and frequency of replacement of the filters.

Record Keeping:

- 1.) The permittee shall maintain records of the inspections of mat/panel including when they occur.
- 2.) Attachment D contains a log including these record keeping requirements. This log, or an equivalent created by the permittee, must be used to certify compliance with this requirement.
- 3.) These records shall be made available immediately for inspection to the Department of Natural Resources' personnel upon request.
- 4.) All records shall be maintained for five years.

PERMIT CONDITION 007

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

Applicable to Emission Units EU0010, EU0020, EU0030, EU0040, EU0050, EU0060, EU0070 & EU0080

Emission Limitation:

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

Monitoring:

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

Record Keeping:

- 1.) The permittee shall maintain records of all observation results (see Attachments B and C), noting:
 - a) Whether any air emissions (except for water vapor) were visible from the emission units,
 - b) All emission units from which visible emissions occurred, and
 - c) Whether the visible emissions were normal for the process.
- 2.) The permittee shall maintain records of any equipment malfunctions (See Attachment D).
- 3.) The permittee shall maintain records of any U.S. EPA Method 9 opacity test performed in accordance with this permit condition.

Reporting:

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 any deviation from or exceedance of any of the terms imposed by this regulation, or any malfunction which causes a deviation from or exceedance of this regulation.

IV. Core Permit Requirements

The installation shall comply with each of the following regulations or codes. 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 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:
 - 1) 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;
 - 2) 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;
 - 3) 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
 - 4) St. Louis metropolitan area. The open burning of household refuse is prohibited;
 - b) Yard waste, with the following exceptions:
 - 1) Kansas City metropolitan area. The open burning of trees, tree leaves, brush or any other type of vegetation shall require an open burning permit;
 - 2) 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;
 - 3) 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:
 - i. 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;
 - ii. 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;
 - iii. The burning shall take place only between the daytime hours of 10:00 a.m. and 3:30 p.m.; and

- iv. 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
 - v. 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. Armstrong Hardwood Flooring Company 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 Bruce Hardwood Floors 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 Record Keeping. New Source Performance Standard (NSPS) 40 CFR Part 60 Subpart CCCC establishes certain requirements for air curtain destructors or incinerators that burn wood trade waste. These requirements are established in 40 CFR 60.2245-60.2260. The provisions of 40 CFR Part 60 Subpart CCCC promulgated as of September 22, 2005 shall apply and are hereby incorporated by reference in this rule, as published by the U.S. Government Printing Office, 732 N Capitol Street NW, Washington, DC 20401. To comply with NSPS 40 CFR 60.2245-60.2260, sources must conduct an annual Method 9 test. A copy of the annual Method 9 test results shall be submitted to the Director.
 6. Test Methods. The visible emissions from air pollution sources shall be evaluated as specified by 40 CFR Part 60, Appendix A–Test Methods, Method 9–Visual Determination of the Opacity of Emissions from Stationary Sources. The provisions of 40 CFR Part 60, Appendix A, Method 9 promulgated as of December 23, 1971 is incorporated by reference in this rule, as published by the U.S. Government Printing Office, 732 N Capitol Street NW, Washington, DC 20401.

10 CSR 10-6.050 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 shut down. 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 shut down 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(6)(B)1.A(V)] The permittee shall retain the most current operating permit issued to this installation on-site. [10 CSR 10-6.065(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(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 10-6.110 Submission of Emission Data, Emission Fees and Process Information

1. The permittee shall complete and submit an Emission Inventory Questionnaire (EIQ) annually.
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 pay an annual emission fee per ton of regulated air pollutant emitted according to the schedule in the rule. This fee is an emission fee assessed under authority of RSMo. 643.079 to satisfy the requirements of the Federal Clean Air Act, Title V.
5. The permittee shall be complete required reports on state supplied EIQ forms or in a form satisfactory to the Director and shall be submitted to the Director by June 1 after the end of each reporting period. Any revision to the EIQ forms will be presented to the regulated community for a forty-five (45)-day comment period.
6. 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.
7. 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.

Record Keeping:

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 10-3.090 Restriction of Emission of Odors

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.

This requirement is not federally enforceable.

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

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

Title VI – 40 CFR Part 82 Protection of Stratospheric Ozone

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

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

10 CSR 10-6.280 Compliance Monitoring Usage

1. The permittee is not prohibited from using the following in addition to any specified compliance methods for the purpose of submission of compliance certificates:
 - a) Monitoring methods outlined in 40 CFR Part 64;
 - b) Monitoring method(s) approved for the permittee pursuant to 10 CSR 10-6.065, "Operating Permits", and incorporated into an operating permit; and
 - c) Any other monitoring methods approved by the Director.

2. Any credible evidence may be used for the purpose of establishing whether a permittee has violated or is in violation of any such plan or other applicable requirement. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred by a permittee:
 - a) Monitoring methods outlined in 40 CFR Part 64;
 - b) A monitoring method approved for the permittee pursuant to 10 CSR 10-6.065, "Operating Permits", and incorporated into an operating permit; and
 - c) Compliance test methods specified in the rule cited as the authority for the emission limitations.
3. The following testing, monitoring or information gathering methods are presumptively credible testing, monitoring, or information gathering methods:
 - a) Applicable monitoring or testing methods, cited in:
 - i) 10 CSR 10-6.030, "Sampling Methods for Air Pollution Sources";
 - ii) 10 CSR 10-6.040, "Reference Methods";
 - iii) 10 CSR 10-6.070, "New Source Performance Standards";
 - iv) 10 CSR 10-6.080, "Emission Standards for Hazardous Air Pollutants"; or
 - b) Other testing, monitoring, or information gathering methods, if approved by the Director, that produce information comparable to that produced by any method listed above.

V. General Permit Requirements

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

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

1. Record Keeping
 - a) All required monitoring data and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report or application.
 - b) Copies of all current operating and construction permits issued to this installation shall be kept on-site for as long as the permits are in effect. Copies of these permits shall be made immediately available to any Missouri Department of Natural Resources' personnel upon request.
2. Reporting
 - a) All reports shall be submitted to the Air Pollution Control Program's Enforcement Section, P. O. Box 176, Jefferson City, MO 65102.
 - b) The permittee shall submit a report of all required monitoring by:
 - 1) October 1st for monitoring which covers the January through June time period, and
 - 2) April 1st for monitoring which covers the July through December time period.
 - 3) Exception. Monitoring requirements which require reporting more frequently than semi-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, this includes deviations or Part 64 exceedances.
 - 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.
 - 1) Notice of any deviation resulting from an emergency (or upset) condition as defined in paragraph (6)(C)7.A 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.
 - 2) Any deviation that poses an imminent and substantial danger to public health, safety or the environment shall be reported as soon as practicable.

- 3) Any other deviations identified in the permit as requiring more frequent reporting than the permittee's semi-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(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(6)(C)1.F Severability Clause

In the event of a successful challenge to any part of this permit, all uncontested permit conditions shall continue to be in force. All terms and conditions of this permit remain in effect pending any administrative or judicial challenge to any portion of the permit. If any provision of this permit is invalidated, the permittee shall comply with all other provisions of the permit.

10 CSR 10-6.065(6)(C)1.G 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 pursuant to 10 CSR 10-6.065(6)(C)1.

10 CSR 10-6.065(6)(C)1.H Incentive Programs Not Requiring Permit Revisions

No permit revision will be required for any installation changes made under any approved economic incentive, marketable permit, emissions trading, or other similar programs or processes provided for in this permit.

10 CSR 10-6.065(6)(C)1.I Reasonably Anticipated Operating Scenarios

None.

10 CSR 10-6.065(6)(C)3 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 EPA Region VII, 901 North 5th Street, Kansas City, KS 66101, as well as the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102. All deviations and Part 64 exceedances and excursions 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(6)(C)6 Permit Shield

1. Compliance with the conditions of this permit shall be deemed compliance with all applicable requirements as of the date that this permit is issued, provided that:
 - a) The application requirements are included and specifically identified in this permit, or

- b) The permitting authority, in acting on the permit revision or permit application, determines in writing that other requirements, as specifically identified in the permit, are not applicable to the installation, and this permit expressly includes that determination or a concise summary of it.
2. Be aware that there are exceptions to this permit protection. The permit shield does not affect the following:
 - a) The provisions of Section 303 of the Act or Section 643.090, RSMo concerning emergency orders,
 - b) Liability for any violation of an applicable requirement which occurred prior to, or was existing at, the time of permit issuance,
 - c) The applicable requirements of the acid rain program,
 - d) The authority of the Environmental Protection Agency and the Air Pollution Control Program of the Missouri Department of Natural Resources to obtain information, or
 - e) Any other permit or extra-permit provisions, terms or conditions expressly excluded from the permit shield provisions.

10 CSR 10-6.065(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(6)(C)8 Operational Flexibility

An installation that has been issued a Part 70 operating permit is not required to apply for or obtain a permit revision in order to make any of the changes to the permitted installation described below if the changes are not Title I modifications, the changes do not cause emissions to exceed emissions allowable under the permit, and the changes do not result in the emission of any air contaminant not previously emitted. The permittee shall notify 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, at least seven days in advance of these changes, except as allowed for emergency or upset conditions. Emissions allowable under the permit means a federally enforceable permit term or condition determined at issuance to be required by an applicable requirement that establishes an emissions limit (including a work practice standard) or a federally enforceable emissions cap that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject.

1. Section 502(b)(10) changes. Changes that, under Section 502(b)(10) of the Act, contravene an express permit term may be made without a permit revision, except for changes that would violate applicable requirements of the Act or contravene federally enforceable monitoring (including test methods), record keeping, reporting or compliance requirements of the permit.
 - a) Before making a change under this provision, The permittee shall provide advance written notice 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, describing the changes to be made, the date on which the change will occur, and any changes in emission and any permit terms and conditions that are affected. The permittee shall maintain a copy of the notice with the permit, and the Air Pollution Control Program shall place a copy with the permit in the public file. Written notice shall be provided to the EPA and the Air Pollution Control Program as above at least seven days before the change is to be made. If less than seven days notice is provided because of a need to respond more quickly to these unanticipated conditions, the permittee shall provide notice to the EPA and the Air Pollution Control Program as soon as possible after learning of the need to make the change.

- b) The permit shield shall not apply to these changes.

10 CSR 10-6.065(6)(C)9 Off-Permit Changes

1. Except as noted below, the permittee may make any change in its permitted operations, activities or emissions that is not addressed in, constrained by or prohibited by this permit without obtaining a permit revision. Insignificant activities listed in the application, but not otherwise addressed in or prohibited by this permit, shall not be considered to be constrained by this permit for purposes of the off-permit provisions of this section. 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 subject to any requirements under Title IV of the Act or is a Title I modification;
 - 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 notice shall not be required for changes that are insignificant activities under 10 CSR 10-6.065(6)(B)3. 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.
 - 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; and
 - d) The permit shield shall not apply to these changes.

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

The application utilized in the preparation of this permit was signed by Mr. Fred Burkardt. On February 7 2011, the Air Pollution Control Program was informed that James Cooper, Plant Manager is now the responsible official. 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(6)(E)6 Reopening-Permit for Cause

This permit may be reopened for cause if:

1. The Missouri Department of Natural Resources (MDNR) receives notice from the Environmental Protection Agency (EPA) that a petition for disapproval of a permit pursuant to 40 CFR § 70.8(d) has been granted, provided that the reopening may be stayed pending judicial review of that determination,

2. The Missouri Department of Natural Resources 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,
3. 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,
4. The installation is an affected source under the acid rain program and additional requirements (including excess emissions requirements), become applicable to that source, provided that, upon approval by EPA, excess emissions offset plans shall be deemed to be incorporated into the permit; or
5. 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(6)(E)1.C Statement of Basis

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

VI. Attachments

Attachments follow.

Attachment C

Method 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 G

10 CSR 10-3.060 Compliance Demonstration

This attachment may be used to demonstrate that the listed emission units are in compliance with 10 CSR 10-3.060, *Restriction of Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating*. Installation's Total Heat Input (Q) in MMBtu/hr:

Emission Unit ID #	MHDR (MMBtu/hr)	2009 EIQ Reference #
EU0030	16.1	EP-05
EU0040	46.0	EP-06
EU0050	6.9	EP-07
Total Q	69.0	

Allowable PM emission limitation for new (*post-1971*) indirect heating source having an intermediate capacity between 10 MMBtu and 2,000 MMBtu:

$$E = 1.31(Q)^{-0.338}$$

$$E = 1.31(69)^{-0.338} = 0.31 \text{ lb/MMBtu}$$

Emission Unit ID #	MHDR (MMBtu/hr)	Controlled ¹ Emission Factor (lb/MMbtu)	Emission Limit (lb/MMBtu)	Control Device	Is EU in compliance?
EU0030	16.1	0.237	0.31	Cyclone with flyash reinjection	Yes
EU0040	46.0	0.237	0.31	Cyclone with flyash reinjection	Yes
EU0050	6.9	0.237	0.31	Cyclone	Yes

¹Total PM Emission Factor derived from the summation of the filterable and condensable emission factors given in US EPA Factors Information Retrieval system (WebFIRE) for SCC 10200908. The filterable portion chosen for this demonstration is a controlled emission factor utilizing a mechanical collector.

The calculations demonstrate that the site wide emissions limit set forth from 10 CSR 10-3.060 are met as long as the control devices are used during operation and properly maintained.

Attachment H
Monthly Individual HAP Tracking Record

This sheet covers the month of _____ in the year _____.

Column A Type of Material (Note 1)	Column B HAP (Note 2)	Column C Throughput	Column D Throughput Units	Column E Emission Factor (Note 3)	Column F Emission Factor Units (Note 4)	Column I HAP Emissions (tons) (Note 5)
Total HAP Emissions Calculated for this Month (tons)				(Note 6)		
12-Month HAP Emissions Total From Previous Month's Worksheet (tons)				(Note 7)		
Monthly HAP Emissions Total From Previous Year's Worksheet (tons)				(Note 8)		
Current 12-Month Total HAP Emissions (tons)				(Note 9)		

- Note 1: Type of material used.
- Note 2: Name of the HAP contained in the material that was used. Since this sheet is for tracking individual HAP emission totals, all the HAPs listed in this column should be the same.
- Note 3: Use the appropriate emission factor for the appropriate application material and method.
- Note 4: The emission factors units used should correspond to the throughput units.
- Note 5: Report HAP emissions in tons. For example, if Column D is in gallons and Column F is in lbs/gallon then Column I = [(Column C) x (Column E)]/2000.
- Note 6: Sum of HAP emissions reported in Column I.
- Note 7: Running 12-month total of HAP emissions.
- Note 8: HAP emissions reported for this month in the last calendar year.
- Note 9: Amount reported in Note 7 minus amount reported in Note 8 plus amount reported in Note 6.

Attachment I Monthly Combined HAP Tracking Record

This sheet covers the month of _____ in the year _____.

Column A Type of Material (Note 1)	Column B HAP (Note 2)	Column C Throughput	Column D Throughput Units	Column E Emission Factor (Note 3)	Column F Emission Factor Units (Note 4)	Column I HAP Emissions (tons) (Note 5)
Total HAP Emissions Calculated for this Month (tons)				(Note 6)		
12-Month HAP Emissions Total From Previous Month's Worksheet (tons)				(Note 7)		
Monthly HAP Emissions Total From Previous Year's Worksheet (tons)				(Note 8)		
Current 12-Month Total HAP Emissions (tons)				(Note 9)		

- Note 1: Type of material used.
- Note 2: Name of the HAP contained in the material that was used.
- Note 3: Use the appropriate emission factor for the appropriate application material and method.
- Note 4: The emission factors units used should correspond to the throughput units.
- Note 5: Report HAP emissions in tons. For example, if Column D is in gallons and Column F is in lbs/gallon then
 $Column\ I = [(Column\ C) \times (Column\ E)]/2000$.
- Note 6: Sum of HAP emissions reported in Column I.
- Note 7: Running 12-month total of HAP emissions.
- Note 8: HAP emissions reported for this month in the last calendar year.
- Note 9: Amount reported in Note 7 minus amount reported in Note 8 plus amount reported in Note 6.

STATEMENT OF BASIS

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 July 25, 2003;
2. Construction Permit Number 0187-002A;
3. Construction Permit Number 0688-003;
4. 2002 Emissions Inventory Questionnaire, received March 31, 2003;
5. 2004 Emissions Inventory Questionnaire, received April 1, 2005;
6. 2005 Emissions Inventory Questionnaire, received April 5, 2006;
7. 2006 Emissions Inventory Questionnaire, received May 31, 2007;
8. 2007 Emissions Inventory Questionnaire, received June 25, 2008;
9. U.S. EPA document AP-42, *Compilation of Air Pollutant Emission Factors*; Volume I: Stationary Point and Area Sources, Fifth Edition.
10. Factor Information Retrieval (FIRE) Data System version 6.25;
11. Part 70 Operating Permit Number OP1991-015;
12. Communications from the installation, dated February 19, 2004.
13. Communications from the installation, dated February 24, 2004.
14. Communications from the installation, dated April 28, 2004.

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.

1. 10 CSR 10-6.080, *Emission Standards for Hazardous Air Pollutants*
Since 40 CFR Part 61 Subpart M has been deemed to apply to all installations as a core permit requirement, this rule also applies as a core permit requirement as it references 40 CFR Part 61 subparts.
2. 10 CSR 10-6.250, *Asbestos Abatement Projects – Certification, Accreditation and Business Exemption Requirements*
This rule has been deemed to be applicable to all installations and is, as such, included in the operating permit as a core permit requirement.
3. 10 CSR 10-6.280, *Compliance Monitoring Usage*
On past forms issued by the Air Pollution Control Program, including the application for this permit, this rule was automatically marked as an administrative rule not required to be listed as an applicable requirement. It is no longer judged to be solely administrative and is, therefore, included in the operating permit as a core permit requirement.
4. Title VI – 40 CFR Part 82, *Protection of Stratospheric Ozone*
This rule has been deemed to be applicable to all installations and is, as such, included in the operating permit as a core permit requirement.

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.

10 CSR 10-6.100, *Alternate Emission Limits*

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

Construction Permit Revisions

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

1. Air Pollution Control Program Permit to Construct Number 0187-002A
The requirements of this construction permit were not included in the operating permit application since the permit has been superseded by Permit Number 0688-003.
2. Air Pollution Control Program Permit to Construct Number 0688-003
The requirements of this construction permit were not included in the operating permit application since the permit has been superseded by the revised Special Conditions of Permit Number 0688-003A.
3. Air Pollution Control Program Permit to Construct Number 0688-003A
Special Condition #3B was edited for clarification.

New Source Performance Standards (NSPS) Applicability

1. Currently, there are no 40 CFR Part 60 subparts that apply to any of the emission units covered by this permit.
2. 40 CFR Part 60 Subparts D, *Standards of Performance for Fossil-Fuel-Fired Steam Generators for which Construction Commenced after August 17, 1971*, Da, *Standards of Performance for Electric Utility Steam Generating Units for which Construction is Commenced after September 18, 1978*, Db, *Standards of performance for Industrial-Commercial-Institutional Steam Generating Units*, Dc, *Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units*, do not apply to any of the combustion units at this installation since none meet both the size and construction date applicability requirements of each subpart.
3. 40 CFR Part 60 Subparts 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*, 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* and 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*, do not apply to any of the storage tanks at this installation since all storage tanks at the installation have capacities of less than 10,000 gallons.
4. 40 CFR Part 60 Subpart AAA, *Standards of Performance for New Residential Wood Heaters*, does not apply to the boilers since boilers are specifically exempted from the rule.

Maximum Achievable Control Technology (MACT) Applicability

1. 40 CFR Part 63 Subpart T, *National Emission Standards for Halogenated Solvent Cleaning*, does not apply to the maintenance parts washers on-site because the cleaning solvent does not meet the definition of a halogenated solvent.

2. 40 CFR Part 63 Subpart JJ, *National Emission Standards for Wood Furniture Manufacturing Operations*, does not apply to the operations at the installation since the SIC code of the installation (2426) is not one of those covered by the rule.
3. 40 CFR Part 63 Subpart QQQQ, *National Emission Standards for Hazardous Air Pollutants: Surface Coating of Wood Building Products*, does apply to the coating operations at this installation.
4. 40 CFR Part 63 Subpart DDDDD, *National Emission Standards for Hazardous Air Pollutants for Industrial/Commercial/Institutional Boilers and Process Heaters*, does apply to the boilers at this installation. However, on July 20, 2007, the United States Court of Appeals, District of Columbia Circuit ordered a full vacatur of 40 CFR Part 63 Subpart DDDDD. The vacatur has the same effect as if this MACT rule was never promulgated. This means there is no longer a September 13, 2007 compliance date for sources affected by this HAP source category. If and when the EPA promulgates an approved version of this MACT, emission units EU0030 through EU0050 will be re-evaluated for applicability.

National Emission Standards for Hazardous Air Pollutants (NESHAP) Applicability

40 CFR Part 61 Subpart M, *National Emission Standard for Asbestos*, applies to the installation because the renovation and demolition parts of the subpart which makes the subpart applicable to all sources. It is included as a core permit requirement.

Compliance Assurance Monitoring (CAM) Applicability

40 CFR Part 64, *Compliance Assurance Monitoring (CAM)*

The CAM rule applies to each pollutant specific emission unit that:

- Is subject to an emission limitation or standard, and
- Uses a control device to achieve compliance, and
- Has pre-control emissions that exceed or are equivalent to the major source threshold.

40 CFR Part 64 is not applicable because none of the pollutant-specific emission units uses a control device to achieve compliance with a relevant standard.

Other Regulatory Determinations

10 CSR 10-6.260, *Restriction of Emission of Sulfur Compounds*, applies to this installation. AP-42 Table 1.6-2 (09/03) provides a SO₂ emission factor of 0.025 lb/MMBtu. The standard for SO₂ from indirect heating sources from §6.260(3)(C)(2)(A) is 8 lb/MMBtu. It can be further demonstrated that the SO₂ emissions resulting from the combustion of wood/wood residue do not exceed the new source standard of 500 ppm found in 6.260(3)(A)(2);

$$\text{ppmv SO}_2 = \left(\frac{0.025 \text{ lb}}{\text{MMBtu}} \right) \times \left(\frac{\text{MMBtu}}{10,320 \text{ wscf}} \right) \times \left(\frac{\text{ppmw}}{1.667 \text{E}^{-7} \text{ lb / scf}} \right) \times \left(\frac{0.45 \text{ ppmv}}{\text{ppmw}} \right) = 6.54 \text{ ppmv}$$

(Appendix A – 7 to Part 60)

There is no emission factor for sulfur trioxide (SO₃) in AP-42, but based upon the expected emission rate of SO₂, it can be reasonably surmised that the emission rate of SO₃ would be minimal. Based on this, it is highly unlikely that the boilers will exceed the emission limitations of the rule. Therefore, no provision for this rule was placed in this permit for these units.

EU0070	1.2 MMBtu/hr propane fired drying oven used to dry freshly stained wood; No controls; MHDR = 0.01 tons of coating; Installed in 1988	Dubois	EP10, EP10 II
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EU0070 is propane fired direct heating source. 10 CSR 10-3.060 only provides requirements for indirect heating sources, and therefore does not apply. 10 CSR 10-6.260 does not apply because of the fuel combusted per §6.260(1)(A)(2).

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

This rule provides conditional exemptions that will be met by operation, monitoring, and maintenance procedures of the associated control devices as required in Permit Conditions 1, 2, & 6 of this permit.

1. §6.400(1)(B)8 - Emission sources that are exempt from construction permitting under 10 CSR 10-6.061;
2. §6.400(1)(B)15 - Any particulate matter emission unit that is subject to a federally enforceable requirement to install, operate, and maintain a particulate matter control device system that controls at least ninety percent (90%) of particulate matter emissions;
3. §6.400(1)(B)14. Coating operations equipped with a control system designed to control at least ninety-five percent (95%) of the particulate overspray provided the system is operated and maintained in accordance with manufacturers' specifications or comparable maintenance procedures that meet or exceed manufacturers' specifications;

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:

Don Murphy
Environmental Engineer

CERTIFIED MAIL: 70082810000020167435
RETURN RECEIPT REQUESTED

Mr. John Ames
Armstrong Hardwood Flooring Company
508 Thornburg Street
West Plains, MO 65775

Re: Bruce Hardwood Floors, 091-0046
Permit Number: **OP2011-021**

Dear Mr. Ames:

Enclosed with this letter is your Part 70 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. If you choose to appeal, you must file a petition with the AHC within thirty days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed. If it is sent by any method other than registered mail or certified mail, it will be deemed filed on the date it is received by the AHC.

If you have any questions or need additional information regarding this permit, please do not hesitate to contact Don Murphy 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:dmk

Enclosures

c: Southeast Regional Office
PAMS File: 2003-07-154