

PERMIT BOOK

TATE OF MISSOURI



DEPARTMENT OF NATURAL RESOURCES

MISSOURI AIR CONSERVATION COMMISSION

PERMIT TO CONSTRUCT

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

Permit Number: 07 2 0 1 4 - 0 0 5 Project Number: 2013-12-004

Installation Number: 071-0154

Parent Company: Precision Stone Fabricators

Parent Company Address: 70 Hi-Line Dr., Union, MO 63084

Installation Name: Precision Stone Fabricators

Installation Address: 70 Hi-Line Dr., Union, MO 63084

Location Information: Franklin County, S14, T43N, R01W

Application for Authority to Construct was made for: Cultured marble and natural stone manufacturing. This review was conducted in accordance with Section (5), Missouri State Rule 10 CSR 10-6.060, Construction Permits Required.

- Standard Conditions (on reverse) are applicable to this permit.
- Standard Conditions (on reverse) and Special Conditions are applicable to this permit.

JUL 1 5 2014

EFFECTIVE DATE

*Kyra L Moore*  
DIRECTOR OR DESIGNEE  
DEPARTMENT OF NATURAL RESOURCES

## STANDARD CONDITIONS:

Permission to construct may be revoked if you fail to begin construction or modification within two years from the effective date of this permit. Permittee should notify the Air Pollution Control Program if construction or modification is not started within two years after the effective date of this permit, or if construction or modification is suspended for one year or more.

You will be in violation of 10 CSR 10-6.060 if you fail to adhere to the specifications and conditions listed in your application, this permit and the project review. In the event that there is a discrepancy between the permit application and this permit, the conditions of this permit shall take precedence. Specifically, all air contaminant control devices shall be operated and maintained as specified in the application, associated plans and specifications.

You must notify the Department's Air Pollution Control Program of the anticipated date of start up of these air contaminant sources. The information must be made available within 30 days of actual startup. Also, you must notify the Department of Natural Resources Regional office responsible for the area within which you are located within 15 days after the actual start up of these air contaminant sources.

A copy of this permit and permit review shall be kept at the installation address and shall be made available to Department of Natural Resources' personnel upon request.

You may appeal this permit or any of the listed special conditions to the Administrative Hearing Commission (AHC), P.O. Box 1557, Jefferson City, MO 65102, as provided in RSMo 643.075.6 and 621.250.3. If you choose to appeal, you must file a petition with the AHC within 30 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 choose not to appeal, this certificate, the project review and your application and associated correspondence constitutes your permit to construct. The permit allows you to construct and operate your air contaminant sources(s), but in no way relieves you of your obligation to comply with all applicable provisions of the Missouri Air Conservation Law, regulations of the Missouri Department of Natural Resources and other applicable federal, state and local laws and ordinances.

The Air Pollution Control Program invites your questions regarding this air pollution permit. Please contact the Construction Permit Unit at (573) 751-4817. If you prefer to write, please address your correspondence to the Missouri Department of Natural Resources, Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102-0176, attention: Construction Permit Unit.

Page No.	3
Permit No.	
Project No.	2013-12-004

## SPECIAL CONDITIONS:

The permittee is authorized to construct and operate subject to the following special conditions:

*The special conditions listed in this permit were included based on the authority granted the Missouri Air Pollution Control Program by the Missouri Air Conservation Law (specifically 643.075) and by the Missouri Rules listed in Title 10, Division 10 of the Code of State Regulations (specifically 10 CSR 10-6.060). For specific details regarding conditions, see 10 CSR 10-6.060 paragraph (12)(A)10. "Conditions required by permitting authority."*

Precision Stone Fabricators  
Franklin County, S14, T43N, R01W

1. Styrene Emission Limitations
  - A. Precision Stone Fabricators shall not exceed 35.0 pounds of styrene emissions per day from emission units EU-01 Spray Gel Coat and EU-02 Resin Casting.
  - B. Attachment A or equivalent forms, such as electronic forms, approved by the Air Pollution Control Program shall be used to demonstrate compliance with Special Condition 1.A.
2. Capture Device Requirement – (EU-03) Sander and (EU-04) Grinder
  - A. Precision Stone Fabricators shall enclose (EU-03) Sander except for the area needed for safe entrance and exit of the workpiece.
  - B. Precision Stone Fabricators shall enclose (EU-04) Grinder in a 3-sided booth with a ceiling. The 4<sup>th</sup> side may be constructed of a flexible material, but shall be closed during grinder operation.
3. Control Device Requirement – Cyclone Routed to Bag Filters (CD-01)
  - A. Precision Stone Fabricators shall control emissions from (EU-03) Sander and (EU-04) Grinder using a cyclone routed to bag filters (CD-01).
  - B. The control device shall be operated and maintained in accordance with the manufacturer's specifications. The control device 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 Department of Natural Resources' employees may easily observe them.
  - C. Replacement bag filters shall be kept on hand at all times. The bags shall be made of fibers appropriate for operating conditions expected to occur (i.e. temperature limits, acidic and alkali resistance, and abrasion resistance).

Page No.	4
Permit No.	
Project No.	2013-12-004

#### SPECIAL CONDITIONS:

The permittee is authorized to construct and operate subject to the following special conditions:

- D. Precision Stone Fabricators shall monitor and record the operating pressure drop across the control device at least once every 24 hours. The operating pressure drop shall be maintained within the design conditions specified by the manufacturer's performance warranty.
- E. Precision Stone Fabricators shall maintain a copy of the control device manufacturer's performance warranty on site.
- F. Precision Stone Fabricators shall maintain an operating and maintenance log for the control device which shall include the following:
  - 1) Incidents of malfunction, with impact on emissions, duration of event, probable cause, and corrective actions; and
  - 2) Maintenance activities, with inspection schedule, repair actions, and replacements, etc.
- 4. Operational Requirement  
Precision Stone Fabricators shall only operate one spray gun at a time at (EU-01) Spray Gel Coat.
- 5. Operational Requirement  
Precision Stone Fabricators shall keep the gel coat, resin, and catalysts in sealed containers whenever the materials are not in use. Precision Stone Fabricators shall provide and maintain suitable, easily read, permanent markings on all gel coat, resin, and catalyst containers at the installation.
- 6. Record Keeping and Reporting Requirements
  - A. Precision Stone Fabricators shall maintain all records required by this permit for not less than five years and shall make them available immediately to any Missouri Department of Natural Resources' personnel upon request. These records shall include MSDS for all materials used.
  - B. Precision Stone Fabricators shall report to the Air Pollution Control Program's Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than 10 days after the end of the month during which any record required by this permit shows an exceedance of a limitation imposed by this permit.

REVIEW OF APPLICATION FOR AUTHORITY TO CONSTRUCT AND OPERATE  
SECTION (5) REVIEW  
Project Number: 2013-12-004  
Installation ID Number: 071-0154  
Permit Number:

Precision Stone Fabricators  
70 Hi-Line Dr  
Union, MO 63084

Complete: February 24, 2014

Parent Company:  
Precision Stone Fabricators  
70 Hi-Line Dr  
Union, MO 63084

Franklin County, S14, T43N, R01W

REVIEW SUMMARY

- Precision Stone Fabricators has applied for authority to construct a cultured marble and natural stone manufacturing installation.
- The HAPs styrene and dimethyl phthalate are emitted from cultured marble manufacturing, and various HAPs are emitted in small quantities from propane combustion.
- None of the NSPS under 40 CFR 60 apply to the installation.
- None of the NESHAPs under 40 CFR 61 apply to the installation.
- None of the MACTs under 40 CFR 63 apply to the installation. 40 CFR 63 Subpart WWW, *National Emission Standard for Hazardous Air Pollutants: Reinforced Plastic Composites Production*, does not apply to the installation because it is an area HAP source.
- The sander and grinder PM, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions are controlled by partial enclosure routed to a cyclone equipped with bag filters (CD-01).
- This review was conducted in accordance with Section (5) of Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*. Potential emissions of styrene are conditioned to the area source level, based upon potential emissions necessary to show compliance with ambient air risk assessment levels. Potential emissions of VOC are proportionately reduced to the de minimis level.
- This installation is located in Franklin County, a nonattainment area for the 1997 and 2008 8-hour ozone standards and the 1997 PM<sub>2.5</sub> standard. The county is in attainment area for all other criteria pollutants.

- This installation is not on the List of Named Installations found in 10 CSR 10-6.020(3)(B), Table 2. The installation's major source level is 250 tons per year and fugitive emissions are not counted toward major source applicability.
- Ambient air quality modeling was performed to determine the ambient impact of styrene.
- Emission testing is not required.
- No operating permit is required for this installation.
- Approval of this permit is recommended with special conditions.

### INSTALLATION DESCRIPTION

Precision Stone Fabricators manufactures natural stone and cultured marble surfaces such as countertops. This is Precision Stone Fabricators' first construction permit and is a result of a July 11, 2013 inspection. Permits 092001-007 and OP2010-083 were issued to the previous installation at this site, Marble Décor. However, Marble Décor no longer exists and Precision Stone Fabricators cannot operate using Marble Décor's now invalid permits.

### PROJECT DESCRIPTION

Cultured marble begins with an unsaturated polyester-styrene clear gel coat and methyl ethyl ketone (MEK)-peroxide initiator (catalyst) being spray applied into an open mold. The gel coat and catalyst mix at the air atomized spray gun. A powdered silica-polymer filler, unsaturated polyester-styrene resin, MEK-peroxide catalyst, and powdered pigment are batch mixed and poured into the mold. The resin also contains a cobalt accelerator. In cold weather or when less catalyst is used, external heat from propane combustion can aid the curing process. After curing, the cast parts are ground and sanded before customer delivery. Process MHDR were based upon batch operation and a 25% factor of safety was added. Natural stone is also manufactured into finished parts, but without the gel coat, resin, etc.

Gel coat spraying is performed in a booth where the exhaust is equipped with a Minimum Efficiency Reporting Value (MERV) 4 single stage panel filter. Emissions from the marble casting are uncontrolled. Emissions from the sander and grinder are controlled by a cyclone routed to bag filters. Grinding is performed in a 3-sided room with a curtain covering the 4<sup>th</sup> side. Access to the installation is from a mix of paved and unpaved routes approximately 100 feet in length. All styrene arrives premixed with the gel coat and resin; no extra styrene is added. The installation is summarized in Table 1. Materials evaluated for this permit are summarized in Table 2.

Table 1: Installation Emission Units

Emission Unit	Emission Point	Description	MHDR
EU-01	EP-01	Open mold, air atomized spray application of gel coat and catalyst	0.625 gal/hr
EU-02	EP-02	Hand poured resin, filler, catalyst, and pigment	375 lb/hr total
EU-03	CD-01	Sander	0.191 tph
EU-04	CD-01	Grinder	0.191 tph
EU-05	EP-03	Propane combustion – comfort heating	0.095 MMBtu/hr
EU-06	EP-03	Propane combustion – product curing	0.75 MMBtu/hr
N/A	N/A	Acetone cleanup – non-VOC	N/A

N/A = Not Applicable

Table 2: Raw Materials

Emission Unit	Material	MHDR
EU-01	Gel coat: HK Research Corp LHA-1165, MSDS date 12-12-2012	0.614 gal/hr
	Catalyst: AkzoNobel Cadox L-50A, MSDS date 8-23-2012	0.011 gal/hr
EU-02	Filler dust: R.J. Marshall Prolite 15A/50, MSDS date 10-23-2012	250 lb/hr
	Resin: CCP Stypol 040-5722, MSDS date 10-3-2011	125 lb/hr
	Catalyst: Syrgis Norox MEKP-9, MSDS date 3-14-2011	1.25 lb/hr
	Pigment: DuPont Ti-Pure Dry, MSDS date 11-05-2012	N/D

N/D = Not Determined

### EMISSIONS/CONTROLS EVALUATION

Potential styrene emissions from gel coat application were calculated using an equation from MACT WWWW, Table 1, item f. corresponding to atomized spray gel coat application, nonvapor-suppressed gel coat, > 33% HAP styrene content. Potential VOC emissions were conservatively calculated assuming 100% as emitted. A solids transfer efficiency of 50% was obtained from the EPA document, *Sources and Control of Volatile Organic Air Pollutants APTI 482*, November 2002, Table 5-7, air-atomized, flat surface. The solids were conservatively assumed as PM<sub>2.5</sub>. MERV 4 has zero control efficiency for particles in the PM<sub>2.5</sub> range. Therefore, no solids control efficiency was assigned, and the booth's capture efficiency was not evaluated. The booth and filter are not required towards permitting purposes.

Potential styrene emissions from marble casting were calculated using the EPA document AP-42, *Compilation of Air Pollutant Emission Factors*, Fifth Edition, Table 4.4-2, May 2008. Particulate matter emissions were considered negligible from the filler and pigment batch mixing operation. Cobalt compounds in the liquid resin were not considered emitted due to being suspended in a liquid and being hand poured into the mold. Potential VOC emissions were conservatively calculated assuming 100% as emitted.

Potential particulate matter emissions from sanding and grinding were calculated using SCC 30503811. This is a controlled emission factor. To account for the site specific capture efficiency, the controlled emission factor was back-calculated into an uncontrolled emission factor. The sander and grinder were assumed to have 70% capture efficiency obtained from concepts available in *Industrial Ventilation, A Manual of Recommended Practice*. Capture velocity was not evaluated. The cyclone with bag filters was assumed to have 99% control efficiency obtained from AP-42 Table B.2-3, AIRS code 018. The lower PM<sub>2.5</sub> control efficiency was conservatively applied to PM<sub>10</sub> and PM.

Potential emissions from propane combustion were calculated using emission factors obtained from AP-42, Section 1.5, *Liquefied Petroleum Gas Combustion*, July 2008 and Section 1.4, *Natural Gas Combustion*, July 1998. Potential emissions from haul roads were calculated using AP-42 Section 13.2.1, *Paved Roads*, January 2011 and Section 13.2.2, *Unpaved Roads*, November 2006.

Permits for surface coating or HAP/VOC curing may contain a requirement for alternative coating recordkeeping to account for future changes in raw materials that cannot be calculated during the permit review. This permit does not require alternative coating recordkeeping. Each catalyst is 100% VOC, therefore this is the highest PTE scenario, and any variance in gel coat or resin styrene content is accounted for in the styrene limit recordkeeping. There are no other HAPs in the gel coat and styrene. New raw materials with other HAPs remain subject to permitting.

The most conservative potential emissions consider only cultured marble production. No production limits for natural stone are necessary.

The following table provides an emissions summary for this project. Existing actual emissions were obtained from the installation's 2013 EIQ. Unconditioned potential emissions of the installation represent 8,760 hours per year of operation considering emission controls. The new installation conditioned potential represents a daily styrene emission limit.

Table 3: Emissions Summary (tpy)

Pollutant	Regulatory <i>De Minimis</i> Levels	Existing Potential Emissions	Existing Actual Emissions (2013 EIQ)	Unconditioned Potential Emissions of the Installation	New Installation Conditioned Potential
PM	25.0	N/A	N/A	5.11	N/A
PM <sub>10</sub>	15.0	N/A	N/A	4.43	N/A
PM <sub>2.5</sub>	10.0	N/A	N/A	2.17	N/A
SO <sub>x</sub>	40.0	N/A	N/A	0.06	N/A
NO <sub>x</sub>	40.0	N/A	N/A	0.53	N/A
VOC	40.0	N/A	2.35	42.59	23.40
CO	100.0	N/A	N/A	0.30	N/A
GHG (CO <sub>2</sub> e)	100,000	N/A	N/A	516.67	N/A
GHG (mass)	250.0	N/A	N/A	505.66	N/A
Combined HAPs	25.0	N/A	2.02	14.92	8.20
Styrene	<sup>1</sup> 1.0	N/A	2.02	11.63	≤ 6.39
Dimethyl Phthalate	10.0	N/A	N/A	3.29	1.80

N/A = Not Applicable; N/D = Not Determined

<sup>1</sup> SMAL

## PERMIT RULE APPLICABILITY

This review was conducted in accordance with Section (5) of Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*. Potential emissions of styrene are conditioned to the area source level, based upon potential emissions necessary to show compliance with ambient air risk assessment levels. Potential emissions of VOC are proportionately reduced to the de minimis level.

## APPLICABLE REQUIREMENTS

Precision Stone Fabricators shall comply with the following applicable requirements. The Missouri Air Conservation Laws and Regulations should be consulted for specific record keeping, monitoring, and reporting requirements. Compliance with these emission standards, based on information submitted in the application, has been verified at the time this application was approved.

### GENERAL REQUIREMENTS

- *Submission of Emission Data, Emission Fees and Process Information*, 10 CSR 10-6.110
- *Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin*, 10 CSR 10-6.170
- *Restriction of Emission of Visible Air Contaminants*, 10 CSR 10-6.220
- *Restriction of Emission of Odors*, 10 CSR 10-6.165

### SPECIFIC REQUIREMENTS

- *Control of Emissions From Solvent Metal Cleaning*, 10 CSR 10-5.300 and *Control of Emissions From Industrial Solvent Cleaning Operations*, 10 CSR 10-5.455 do not apply due to the cleanup solvent, acetone, being non-VOC.
- *Control of Emissions From Industrial Surface Coating Operations*, 10 CSR 10-5.330 does not apply to the installation at the time of this permit's issuance. Installation-wide VOC emissions in 2013 were less than 3.0 tpy, therefore industrial surface coating emissions were less than 3.0 tpy. Applicability is based upon actual emissions, and future gel coat (surface coating) usage could subject the installation to the rule. Current gel coat VOC content would not demonstrate compliance with the VOC limit of 3.5 lbs/gallon in 10 CSR 10-5.330(J)H., molded plastic parts, general multi-component.
- *Restriction of Emission of Particulate Matter From Industrial Processes*, 10 CSR 10-6.400 doesn't apply to EU-01 through EU-04 due to 10 CSR 10-6.400(1)(B)12.

- *Restriction of Particulate Matter Emissions From Fuel Burning Equipment Used for Indirect Heating*, 10 CSR 10-6.405, does not apply because the heaters are direct fired.

### AMBIENT AIR QUALITY IMPACT ANALYSIS

Ambient air quality modeling was performed to determine the ambient impact of styrene. Unconditioned potential styrene emissions are 11.63 tpy, which exceeds the 1.0 tpy SMAL, thus requiring modeling or a limit to the SMAL. Modeling was performed using EPA's AERSCREEN. Styrene emissions were limited to 35 pounds on a daily basis to show modeled compliance with the 24-hour RAL. This daily limit was multiplied by 365 days to determine the new installation conditioned potential emissions. Modeled compliance with the RALs has been demonstrated and no further analysis is necessary.

Table 4: Ambient Air Quality Impact Analysis Summary

Pollutant	Modeled Impact ( $\mu\text{g}/\text{m}^3$ )	RAL ( $\mu\text{g}/\text{m}^3$ )	Time Period
styrene	1,817.0	2,240	24-hour
	302.9	333	annual

### STAFF RECOMMENDATION

On the basis of this review conducted in accordance with Section (5), Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*, I recommend this permit be granted with special conditions.

\_\_\_\_\_  
 David Little  
 New Source Review Unit

\_\_\_\_\_  
 Date

### PERMIT DOCUMENTS

The following documents are incorporated by reference into this permit:

- The Application for Authority to Construct form, dated November 1, 2013, received December 3, 2013, designating Precision Stone Fabricators as the owner and operator of the installation.
- U.S. EPA document AP-42, *Compilation of Air Pollutant Emission Factors*, Fifth Edition.



## APPENDIX A

### Abbreviations and Acronyms

<b>%</b> ..... percent	<b>m/s</b> ..... meters per second
<b>°F</b> ..... degrees Fahrenheit	<b>Mgal</b> ..... 1,000 gallons
<b>acfm</b> ..... actual cubic feet per minute	<b>MW</b> ..... megawatt
<b>BACT</b> ..... Best Available Control Technology	<b>MHDR</b> ..... maximum hourly design rate
<b>BMPs</b> ..... Best Management Practices	<b>MMBtu</b> .... Million British thermal units
<b>Btu</b> ..... British thermal unit	<b>MMCF</b> ..... million cubic feet
<b>CAM</b> ..... Compliance Assurance Monitoring	<b>MSDS</b> ..... Material Safety Data Sheet
<b>CAS</b> ..... Chemical Abstracts Service	<b>NAAQS</b> ... National Ambient Air Quality Standards
<b>CEMS</b> ..... Continuous Emission Monitor System	<b>NESHAPs</b> ..... National Emissions Standards for Hazardous Air Pollutants
<b>CFR</b> ..... Code of Federal Regulations	<b>NO<sub>x</sub></b> ..... nitrogen oxides
<b>CO</b> ..... carbon monoxide	<b>NSPS</b> ..... New Source Performance Standards
<b>CO<sub>2</sub></b> ..... carbon dioxide	<b>NSR</b> ..... New Source Review
<b>CO<sub>2e</sub></b> ..... carbon dioxide equivalent	<b>PM</b> ..... particulate matter
<b>COMS</b> ..... Continuous Opacity Monitoring System	<b>PM<sub>2.5</sub></b> ..... particulate matter less than 2.5 microns in aerodynamic diameter
<b>CSR</b> ..... Code of State Regulations	<b>PM<sub>10</sub></b> ..... particulate matter less than 10 microns in aerodynamic diameter
<b>dscf</b> ..... dry standard cubic feet	<b>ppm</b> ..... parts per million
<b>EQ</b> ..... Emission Inventory Questionnaire	<b>PSD</b> ..... Prevention of Significant Deterioration
<b>EP</b> ..... Emission Point	<b>PTE</b> ..... potential to emit
<b>EPA</b> ..... Environmental Protection Agency	<b>RACT</b> ..... Reasonable Available Control Technology
<b>EU</b> ..... Emission Unit	<b>RAL</b> ..... Risk Assessment Level
<b>fps</b> ..... feet per second	<b>SCC</b> ..... Source Classification Code
<b>ft</b> ..... feet	<b>scfm</b> ..... standard cubic feet per minute
<b>GACT</b> ..... Generally Available Control Technology	<b>SIC</b> ..... Standard Industrial Classification
<b>GHG</b> ..... Greenhouse Gas	<b>SIP</b> ..... State Implementation Plan
<b>gpm</b> ..... gallons per minute	<b>SMAL</b> ..... Screening Model Action Levels
<b>gr</b> ..... grains	<b>SO<sub>x</sub></b> ..... sulfur oxides
<b>GWP</b> ..... Global Warming Potential	<b>SO<sub>2</sub></b> ..... sulfur dioxide
<b>HAP</b> ..... Hazardous Air Pollutant	<b>tph</b> ..... tons per hour
<b>hr</b> ..... hour	<b>tpy</b> ..... tons per year
<b>hp</b> ..... horsepower	<b>VMT</b> ..... vehicle miles traveled
<b>lb</b> ..... pound	<b>VOC</b> ..... Volatile Organic Compound
<b>lbs/hr</b> ..... pounds per hour	
<b>MACT</b> ..... Maximum Achievable Control Technology	
<b>µg/m<sup>3</sup></b> ..... micrograms per cubic meter	

Mr. Mike Rosener  
Shop Foreman  
Precision Stone Fabricators  
70 Hi-Line Dr.  
Union, MO 63084

RE: New Source Review Permit - Project Number: 2013-12-004

Dear Mr. Rosener:

Enclosed with this letter is your permit to construct. Please study it carefully and refer to Appendix A for a list of common abbreviations and acronyms used in the permit. Also, note the special conditions on the accompanying pages. The document entitled, "Review of Application for Authority to Construct," is part of the permit and should be kept with this permit in your files. Operation in accordance with these conditions and your new source review permit application is necessary for continued compliance. The reverse side of your permit certificate has important information concerning standard permit conditions and your rights and obligations under the laws and regulations of the State of Missouri.

If you have any questions regarding this permit, please do not hesitate to contact David Little, at the Department of Natural Resources' Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102 or at (573) 751-4817. Thank you for your attention to this matter.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

Susan Heckenkamp  
New Source Review Unit Chief

SH:dll

Enclosures

c: St. Louis Regional Office  
PAMS File: 2013-12-004  
Permit Number:

*Celebrating 40 years of taking care of Missouri's natural resources.  
To learn more about the Missouri Department of Natural Resources visit [dnr.mo.gov](http://dnr.mo.gov).*