

STATE OF MISSOURI

PERMIT BOOK



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:

05 2015 - 004

Project Number: 2015-01-050

Installation Number: 097-0094

Parent Company: TAMKO Building Products, Inc.

Parent Company Address: P.O. Box 1404, Joplin, MO 64802

Installation Name: TAMKO Building Products, Inc.

Installation Address: 3001 Newman Road, Joplin, MO 64801

Location Information: Jasper County, S31, T28N, R32W

Application for Authority to Construct was made for:

The removal of a software restriction that will increase the maximum design rate for the honeycomb dryer. 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.

MAY 11 2015

EFFECTIVE DATE

Wesley H. 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 startup 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 startup 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.

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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."

TAMKO Building Products, Inc.
Jasper County, S31, T28N, R32W

1. **Superseding Condition**
The special conditions of this permit supersede all of the special conditions in previously issued construction permit no. 092013-009.
2. **HAP Emission Limitations**
 - A. TAMKO Building Products, Inc. shall emit less than 2.0 tons of formaldehyde in any consecutive 12-month period from the honeycomb dryer (EU0060).
 - B. Attachment A, or equivalent forms, such as electronic forms, shall be used to demonstrate compliance with Special Condition 2.A. The equivalent forms shall contain the same information and calculation method as in Attachment A.
3. **Control Device Operational Requirements – Regenerative Thermal Oxidizer (RTO) with Screen**
 - A. TAMKO Building Products, Inc. is permitted to operate the honeycomb dryer both with and without using the RTO to control emissions. When the RTO is being used, it shall be operated and maintained in accordance with the manufacturer's specifications. The screen is considered part of the RTO and shall also be operated and maintained in accordance with the manufacturer's specifications. A copy of the manufacturer's specifications shall be kept onsite.
 - B. The minimum operating temperature (°F) of the RTO shall be established from the most recent stack test as required in Special Condition 5.A. The temperature shall be continuously monitored and recorded during operations. The monitoring equipment shall be located such that the Department of Natural Resources employees may easily observe them.

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SPECIAL CONDITIONS:

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

The acceptable minimum temperature is re-established when a new set of performance test is conducted and the results accepted by the Air Pollution Control Program.

- C. TAMKO Building Products, Inc. shall maintain an operating and maintenance log for the RTO, which shall include the following:
 - 1) Incidents of malfunction, with impacts on emissions, duration of event, probable cause, and corrective actions;
 - 2) Maintenance activities, with inspection schedules, repair actions, replacements, and etc.; and
 - 3) The dates and times that the RTO is being used to control emissions from the honeycomb dryer and the dates and times that the RTO is not being used.

- 4. Production Rate Tracking Requirements
 - A. TAMKO Building Products, Inc. shall track its daily 24-hour average production rate (in tons per hour) using Attachment B or equivalent forms. The equivalent forms shall contain the same information and calculation method as Attachment B.

 - B. Once the facility reaches, for the first time, an actual daily production rate of greater than 5.05 tph based on a 24-hour averaging period, TAMKO Building Products, Inc. shall notify the Compliance/Enforcement Section of the Air Pollution Control Program and perform stack tests in accordance with Special Condition 5.

 - C. After reaching 5.05 tph of daily production for the first time based on a 24-hour averaging period, TAMKO Building Products, Inc. may discontinue tracking of the daily production rate as specified in Special Condition 4.A.

- 5. Performance Testing Requirements
 - A. TAMKO Building Products, Inc. shall perform stack testing to determine the formaldehyde emission factor (in pounds of pollutant per ton of fiberglass processed) from the honeycomb dryer with and without the use of the regenerative thermal oxidizer (RTO). These emission factors shall be used to track the formaldehyde emissions as required in Special Condition 2.B. to show compliance with the formaldehyde emission limit in Special Condition 2.A.

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SPECIAL CONDITIONS:

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

- B. The first stack test shall be performed within 90 days after the daily production rate exceeds 5.05 tph for the first time, as indicated by the records required in Special Condition 4.A. Subsequent stack tests shall be performed once every five (5) years or upon replacement of a permanent binder with a higher formaldehyde content, whichever comes first. New tests shall be performed between 90 days before and 90 days after five (5) years from the date of the most recent test, or within 90 days after replacement of a permanent binder with a higher formaldehyde content.
- C. A completed Proposed Test Plan Form (enclosed) must be submitted to the Air Pollution Control Program at least 30 days prior to the proposed test date so that the Air Pollution Control Program may arrange a pretest meeting, if necessary, and assure that the test date is acceptable for an observer to be present. The Proposed Test Plan may serve the purpose of notification and must be approved by the Director prior to conducting the required emission testing.
- D. Any required performance tests shall be conducted during periods of representative conditions and shall be conducted at 90-100% of the maximum hourly design rate of 6.0 tph (i.e. 5.4 tph to 6.0 tph), not including periods of start-up, shutdown, or malfunction. If the tests are not performed within ten percent (10%) of the maximum process rate, then 110% of the tested rate will become the new maximum process rate.
- E. Two copies of a written report of the performance test results shall be submitted to the Director within 30 days of completion of any required testing. The report must include legible copies of the raw data sheets, analytical instrument laboratory data, and complete sample calculations from the required U.S. EPA Method for at least one sample run.
- F. The test report required in Special Condition 5.E. is to fully account for all operational and emission parameters addressed both in the permit conditions as well as in any other applicable state or federal rules or regulations. The test report shall establish the minimum operating temperature (°F) for the RTO and the formaldehyde emission factor both with and without the use of the RTO.

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SPECIAL CONDITIONS:

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

- G. Before reaching the daily production rate greater than 5.05 tph based on a 24-hour averaging period, the emission factors determined from the February, 2014 stack tests shall be used in Attachment A to maintain compliance with Special Condition 2.A. After reaching, for the first time, a daily production rate greater than 5.05 tph based on a 24-hour averaging period, the most recent emission factors from the stack tests required in Special Condition 5 shall then be used in Attachment A to maintain compliance with Special Condition 2.A.
6. Installation-Wide Potential-to-Emit Determination
TAMKO Building Products, Inc. shall submit installation-wide potential-to-emit (PTE) calculations for all pollutants to the Operating Permit Unit as supplement to its current Part 70 Operating Permit application (Project 2013-07-067) within 30 days after the first test required in Special Condition 5.B.
7. Record Keeping and Reporting Requirement
 - A. TAMKO Building Products, Inc. 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. TAMKO Building Products, Inc. shall report to the Air Pollution Control Program's Compliance/Enforcement Section no later than ten days after the end of the month during which any record required by this permit show an exceedance of a limitation imposed by this permit.

REVIEW OF APPLICATION FOR AUTHORITY TO CONSTRUCT AND OPERATE
SECTION (5) REVIEW

Project Number: 2015-01-050
Installation ID Number: 097-0094
Permit Number:

TAMKO Building Products, Inc.
3001 Newman Road
Joplin, MO 64801

Complete: January 29, 2015

Parent Company:
TAMKO Building Products, Inc.
P.O. Box 1404
Joplin, MO 64802

Jasper County, S31, T28N, R32W

REVIEW SUMMARY

- TAMKO Building Products, Inc. has applied for authority to remove a software restriction that will increase the maximum design rate of the honeycomb dryer (EP9-2) from 4.8 tph to 6.0 tph.
- HAP emissions are expected from the proposed equipment. The HAP of concern from this process is formaldehyde.
- None of the New Source Performance Standards (NSPS) apply to the honeycomb dryer. However, there are NSPS that apply to other equipment at the installation. A summary of these NSPS can be found in the installation's operating permit.
- None of the currently promulgated MACT regulations apply to the honeycomb dryer. However, some of the MACT does apply to other equipment at the installation. A summary of these MACT can be found in the installation's operating permit.
- None of the NESHAPs apply to this installation.
- A regenerative thermal oxidizer (RTO), originally permitted in Permit No. 112000-012, will be used to control emissions from the honeycomb dryer part of the time.
- This review was conducted in accordance with Section (5) of Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*. Conditioned potential emissions of all pollutants are below de minimis levels.
- This installation is located in Jasper County, an attainment area for all 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 not performed since potential emissions of the application are either below de minimis levels or conditioned below the SMAL.
- Emissions testing is required for the equipment as a condition in this permit.
- The facility is required to submit an installation-wide PTE calculation to the Operating Permit Unit as supplement to its current Part 70 Operating Permit application (Project 2013-07-067) within 30 days after the first stack test required in Special Condition 4.B.
- Approval of this permit is recommended with special conditions.

INSTALLATION DESCRIPTION

TAMKO Building Products, Inc. manufactures roofing products and includes such processes and products as felt mat, glass mat, asphalt coatings, and saturates. The installation is composed of three main operations: refinery, fiberglass mat manufacturing, and felt mill no. 1. Another felt mill (no. 2) was removed from operations. The facility is considered a major source for operating permits and a Part 70 Operating Permit was issued to the facility in 2009 (Permit No. OP2009-002).

The following New Source Review permits have been issued to TAMKO Building Products, Inc. from the Air Pollution Control Program.

Table 1: Permit History

Permit Number	Description
0393-012	Replacing blow still tanks
0594-032	Modifications to the fiberglass mat line
0496-004	25.2 MMBtu/hr natural gas-fired boiler
112000-012	RTO installation
062001-004	Replacing thermal oxidizer
052010-008	Refinery process change
102010-007	Installation of two new 25.2 MMBtu/hr natural gas-fired boilers, which will replace three existing boilers, and the replacement of three tank heater burners
052010-008A	Amending Permit 052010-008 to account for recent stack test
072012-012	Installation of chopper and blower system for the fiberglass mat trim
092013-009	Removing software restriction to increase MHDR from 3.8 tph to 4.8 tph
092014-004	Replacement of an 8.73 MMBtu/hr thermal oxidizer with a 25 MMBtu/hr thermal oxidizer

In Permit No. 112000-012, the facility was labeled a major source under construction permits. However, in Permit No. 102010-007, the status of the facility was changed to being a minor source, but no installation-wide PTE calculations were performed. In Permit 092013-009, the facility was required to submit an installation-wide PTE calculation to the operating permit unit as part of its Part 70 operating permit application (Project 2013-07-067) to confirm its status of being a minor source. Although the facility did submit the PTE calculations as specified in Permit 092013-009, the PTE calculations submitted will no longer be current with the change in the dryer's maximum hourly design rate. Therefore, the facility is now required, as stated in Special Condition 5, to submit a new PTE calculation to the operating permit unit as supplement to the Part 70 Permit application.

Conditioned potential emissions of all pollutants in this project are less than their respective *de minimis* levels. As such, the type of permit that should be issued to the facility for this project is not affected by the installation's status as either a minor or a major source.

PROJECT DESCRIPTION

TAMKO Building Products, Inc. uses a honeycomb dryer (EU0060) fired by natural gas to cure fiberglass mats. In 2013, the facility applied for and received a permit to remove a software restriction that increased the MHDR of the dryer from 3.8 tph to 4.8 tph of fiberglass processed. However, the facility underestimated the new MHDR, so the facility requested to increase the MHDR of the dryer to the new rate, which is 6.0 tph. An RTO, originally permitted in Permit No. 112000-012, will be used only part of the time to control the VOC and formaldehyde emissions from the honeycomb dryer.

According to the company, the increase in the MHDR of the honeycomb will not affect upstream equipment. The amount of chemicals used in equipment such as the saturator and the delta former does not need to be increased to accommodate the additional fiberglass mats. The project would, however, increase emissions from the extra cutting and trimming performed downstream. Product hauling would also be affected. Additional natural gas would also be needed for the extra production.

In the previous permit issued to the installation (No. 092013-009), it was stated that there is a pre-filter being used upstream of the RTO to limit the amount of particulate matter entering the RTO and that there is a differential pressure gauge used to measure the pressure drop across the pre-filter to show when the filters must be changed. However, the facility indicated that this description is not accurate. The pre-filter is really a screen that prevents large pieces of fiberglass mats from entering the RTO and it does not have a differential pressure gauge to measure the pressure drop. The screen is considered part of the RTO and shall be operated and maintained according to the manufacturer's specifications.

EMISSIONS/CONTROLS EVALUATION

Pollutants of concern from this project are formaldehyde from the drying of the fiberglass mats, particulates from the trimming of the mats, particulates from haul roads, and products of natural gas combustion. Emissions of formaldehyde, which is also a VOC, from the honeycomb dryer (EU0060) were calculated using data from a stack test performed in February, 2014. The facility uses an RTO to control formaldehyde emissions from the dryer most of the time, but the facility also operates a small number of hours each year without using the RTO.

Therefore, the uncontrolled emission factor was used to calculate the formaldehyde emissions. The uncontrolled emissions are calculated to be 54.14 tons per year, which is greater than the Screening Model Action Level (SMAL) of 2.0 tons per year. In order to avoid modeling requirements, the facility has elected to take a 2.0 tons per year formaldehyde limit on the honeycomb dryer. Attachment A shall be used to maintain compliance with this limit.

The 2014 stack test for formaldehyde was based on an average production rate of 4.59 tph. However, for the emission factors to be valid at the higher production rate of 6.0 tph, the test has to be performed 90-100% of this rate. Because the facility is subject to a limit of 2.0 tpy of formaldehyde and is required to track its formaldehyde emissions to ensure compliance with this limit, it was not essential to be extremely accurate in the calculation of the formaldehyde PTE and it was decided that the emission factor from this test could be used to estimate the formaldehyde emissions from this project.

The facility plans to gradually increase its production from 4.8 tph to 6.0 tph. Once the daily hourly production hits 5.05 tph, which is 10% higher than 4.59 tph from the 2014 stack test, the facility will be required to perform stack tests within 90 days to determine new formaldehyde emission rates. The new performance tests shall be conducted at 10% of the maximum hourly design rate of 6.0 tph, or the facility will be required to operate the honeycomb dryer within 10% of the tested rate. Thereafter, the facility shall perform a stack test every 5 years or when the facility changes to using a binder that has a higher formaldehyde content than its current binder. (See Special Conditions 2 and 4). Before the daily hourly average production rate hits 5.05 tph, the facility can use results from the 2014 stack test to track formaldehyde emissions for compliance with the 2.0 tpy limit. Once the daily hourly average production rate reaches 5.05 tph for the first time, results from the new stack tests based on 6.0 tph shall be used to track formaldehyde emissions for compliance.

PM_{2.5}, PM₁₀ and PM emissions from mat trimming are controlled by a dust collector and emissions were calculated using the manufacturer's emissions guarantee of 0.002 gr/dscf. The dust collector is required by Permit 072012-012. Based on the design of the system, it is believed that 100 percent of the emissions from the trim choppers would be captured and controlled by the baghouse. The choppers are fully enclosed and a blower is used to send the fiberglass scraps to a cyclone separator. The finer particles would be blown out through the top of the cyclone to the baghouse while the larger pieces would fall to the bottom and be sent to a baler.

All of the hauling occur on paved roads and therefore, PM_{2.5}, PM₁₀, and PM emissions from the haul roads were calculated using emission factors calculated from the equations in Environmental Protection Agency (EPA) document AP-42, *Compilation of air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources*, Fifth Edition, Chapter 13.2.1, *Paved Roads*, (1/2011).

The facility will need additional natural gas to process 6 tph of fiberglass. Emissions from natural gas were calculated using emission factors from AP-42, Chapter 1.4, *Natural Gas Combustion*, (7/1998).

Normally, to calculate emissions increase from a project, the actual emissions from a previous two year period would be subtracted from the potential emissions. However, the conditioned potential emissions of the project are already below the regulatory *de minimis* levels. Therefore, subtracting the actual emissions is not necessary since it would not change the type of permit issued for this project.

The following table provides an emissions summary for this project. Existing potential emissions were not determined. Existing actual emissions were taken from the installation's 2013 EIQ, as the 2014 EIQ has not been submitted yet by the company. Potential emissions of the application assume continuous operations (8760 hours per year).

Table 2: Emissions Summary (tons per year)

Pollutant	Regulatory De Minimis Levels	Existing Potential Emissions	Existing Actual Emissions (2013 EIQ)	Potential Emissions of the Application	New Project Conditioned Potential
PM	25.0	N/D	N/D	N/A	1.50
PM ₁₀	15.0	N/D	19.00	N/A	0.82
PM _{2.5}	10.0	N/D	18.79	N/A	0.70
SOx	40.0	N/D	41.56	N/A	0.41
NOx	40.0	N/D	33.53	N/A	6.87
VOC	40.0	N/D	14.25	54.14	2.38
CO	100.0	N/D	74.14	N/A	5.77
HAPs	10.0/25.0	N/D	1.39	54.14	2.01
Formaldehyde	¹ 2.0	N/D	N/D	54.14	<2.0

N/A = Not Applicable; N/D = Not Determined
 Note 1: Screening Model Action level (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*. Conditioned potential emissions of all pollutants are below de minimis levels.

APPLICABLE REQUIREMENTS

TAMKO Building Products, Inc. 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
- *Operating Permits*, 10 CSR 10-6.065
- *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

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.

Chia-Wei Young
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 January 27, 2015, received January 29, 2015, designating TAMKO Building Products, Inc. as the owner and operator of the installation.
- U.S. EPA document AP-42, *Compilation of Air Pollutant Emission Factors*, Fifth Edition.
- Stack Test Report, Metco Environmental, February, 2014.

APPENDIX A

Abbreviations and Acronyms

%	percent	m/s	meters per second
°F	degrees Fahrenheit	Mgal	1,000 gallons
acfm	actual cubic feet per minute	MW	megawatt
BACT	Best Available Control Technology	MHDR	maximum hourly design rate
BMPs	Best Management Practices	MMBtu	Million British thermal units
Btu	British thermal unit	MMCF	million cubic feet
CAM	Compliance Assurance Monitoring	MSDS	Material Safety Data Sheet
CAS	Chemical Abstracts Service	NAAQS ...	National Ambient Air Quality Standards
CEMS	Continuous Emission Monitor System	NESHAPs	
CFR	Code of Federal Regulations	National Emissions Standards for Hazardous Air Pollutants
CO	carbon monoxide	NO_x	nitrogen oxides
CO₂	carbon dioxide	NSPS	New Source Performance Standards
CO_{2e}	carbon dioxide equivalent	NSR	New Source Review
COMS	Continuous Opacity Monitoring System	PM	particulate matter
CSR	Code of State Regulations	PM_{2.5}	particulate matter less than 2.5 microns in aerodynamic diameter
dscf	dry standard cubic feet	PM₁₀	particulate matter less than 10 microns in aerodynamic diameter
EQ	Emission Inventory Questionnaire	ppm	parts per million
EP	Emission Point	PSD	Prevention of Significant Deterioration
EPA	Environmental Protection Agency	PTE	potential to emit
EU	Emission Unit	RACT	Reasonable Available Control Technology
fps	feet per second	RAL	Risk Assessment Level
ft	feet	SCC	Source Classification Code
GACT	Generally Available Control Technology	scfm	standard cubic feet per minute
GHG	Greenhouse Gas	SIC	Standard Industrial Classification
gpm	gallons per minute	SIP	State Implementation Plan
gr	grains	SMAL	Screening Model Action Levels
GWP	Global Warming Potential	SO_x	sulfur oxides
HAP	Hazardous Air Pollutant	SO₂	sulfur dioxide
hr	hour	tph	tons per hour
hp	horsepower	tpy	tons per year
lb	pound	VMT	vehicle miles traveled
lbs/hr	pounds per hour	VOC	Volatile Organic Compound
MACT	Maximum Achievable Control Technology		
µg/m³	micrograms per cubic meter		

Mr. Dan Hollingshead
General Manager
TAMKO Building Products, Inc.
3001 Newman Road
Joplin, MO 64801

RE: New Source Review Permit - Project Number: 2015-01-050

Dear Mr. Hollingshead:

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, if any, 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, your new source review permit application and with your amended operating permit 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 Chia-Wei Young, at the Department of Natural Resources' Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102, or by telephone 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:cyl

Enclosures

c: Southwest Regional Office
PAMS File: 2015-01-050

Permit Number: