#### STATE 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:	
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082016-012

Project Number: 2016-05-062 Installation Number: 147-0023

Parent Company:

Kawasaki Heavy Industries Ltd.

Parent Company Address: 1-1 Kawasaki-Cho, Akashi, Japan

Installation Name:

Kawasaki Motors Manufacturing Corporation

Installation Address:

28147 Hwy 71, Maryville, MO 64468

Location Information:

New Source Review Unit

Nodaway County, S31, T64N, R35E

Application for Authority to Construct was made for:

Melting furnace and die cast machine. This review was conducted in accordance with Section (5), Missouri State Rule 10 CSR 10-6.060, Construction Permits Required.

Standard Conditions (o	on reverse) are applicable to this permit.
Standard Conditions (or this permit.	on reverse) and Special Conditions are applicable to
Chat I was	Kya I Moore
Prepared by Chad Stephenson	Director or Designee Department of Natural Resources

AUG 2 6 2016

**Effective Date** 

#### 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 Enforcement and Compliance Section of 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 Enforcement and Compliance Section of the Department's Air Pollution Control Program of the anticipated date of start up of this (these) air contaminant sources(s). The information must be made available within 30 days of actual startup. Also, you must notify the Department's regional office responsible for the area within which you are located within 15 days after the actual start up of this (these) air contaminant source(s).

A copy of the permit application and this permit and permit review shall be kept at the installation address and shall be made available to Department's 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 using the contact information below.

Contact Information:
Missouri Department of Natural Resources
Air Pollution Control Program
P.O. Box 176
Jefferson City, MO 65102-0176
(573) 751-4817

The regional office information can be found at the following website: <u>http://dnr.mo.gov/regions/</u>

Project No. 2016-05-062 Permit No.

#### 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."

Kawasaki Motors Manufacturing Corporation Nodaway County, S31, T64N, R35E

### 1. Superseding Condition

A. The conditions of this permit supersede special condition 2 found in the previously issued construction permit 082008-007A issued by the Air Pollution Control Program.

#### 2. Emission Limitations

- A. Kawasaki Motors Manufacturing Corporation shall emit less than 250 tons of Volatile Organic Compounds (VOCs) from the entire installation in any consecutive 12-month period.
- B. Kawasaki Motors Manufacturing Corporation shall emit less than ten (10.0) tons individually or twenty-five (25.0) tons combined of Hazardous Air Pollutants (HAPs) from the entire installation in any consecutive 12-month period.
- C. Kawasaki Motors Manufacturing Corporation shall emit less than 250 tons of Carbon Monoxide (CO) from the entire installation in any consecutive 12-month period.
- D. Kawasaki Motors Manufacturing Corporation must determine the total amount of VOC, HAPs and CO emitted from the installation. Attachment A, B and C or equivalent forms approved by the Air Pollution Control Program shall be used to demonstrate compliance with Special Conditions 2.A, 2.B and 2.C.
- E. Kawasaki Motors Manufacturing Corporation shall maintain records of:
  - 1) Safety Data Sheets (SDS) for all materials used at the installation;
  - 2) Flux manufacturer's declarations of flux fluorides binding to dross for all fluxes used (i.e. sf350, sf206 and COVERAL 777).
- F. Make all records available immediately to any Missouri Department of Natural Resources' personnel upon request.

Project No. 2016-05-062 Permit No.

#### SPECIAL CONDITIONS:

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

- 3. Control Device Requirement-Electrostatic Precipitators (ESP)
  - A. Kawasaki Motors Manufacturing Corporation shall control emissions from the aluminum die cast machine (EU-DCF20) using an ESP as specified in the permit application.
  - B. The ESP shall be operated and maintained in accordance with the manufacturer's specifications.
  - C. Kawasaki Motors Manufacturing Corporation shall equip the ESP with an alarm system that continuously monitors the operating parameters and detects if the system has failed. Operating parameters include voltage, amperage and spark over the filters.
  - D. Kawasaki Motors Manufacturing Corporation shall maintain an operating and maintenance log for the ESP 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. Record Keeping and Reporting Requirements
  - A. Kawasaki Motors Manufacturing Corporation 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 SDS for all materials used.
  - B. Kawasaki Motors Manufacturing Corporation 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: 2016-05-062 Installation ID Number: 147-0023

Permit Number:

<u>Installation Address:</u>

Kawasaki Motors Manufacturing Corporation 28147 Hwy 71 Maryville, MO 64468 <u>Parent Company:</u> Kawasaki Heavy Industries Ltd.

1-1 Kawasaki-Cho Akashi, Japan

Nodaway County, S31, T64N, R35E

#### **REVIEW SUMMARY**

- Kawasaki Motors Manufacturing Corporation has applied for authority to construct a new die casting machine and melting furnace.
- The application was deemed complete on May 26, 2016.
- HAP emissions are expected from the proposed equipment in small amounts from the combustion of natural gas used for the melting furnace (EU-DCF19a).
- None of the New Source Performance Standards (NSPS) apply to the proposed equipment.
- None of the NESHAPs apply to the proposed equipment. None of the currently promulgated MACT regulations apply to the proposed equipment.
- An electrostatic precipitator is being used to control the PM, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions from the equipment in this permit.
- This review was conducted in accordance with Section (5) of Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*. Potential emissions of all pollutants are below de minimis levels.
- This installation is located in Nodaway 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 below de minimis levels.

- Emissions testing is not required for the equipment as a part of this permit.
- An amendment to your Part 70 Operating Permit application is required for this installation within 1 year of equipment startup.
- Approval of this permit is recommended with special conditions.

#### INSTALLATION DESCRIPTION

Kawasaki Motors Manufacturing Corporation operates a gasoline engine manufacturing installation in Maryville, Missouri, (Nodaway County). Kawasaki Motors builds engines ranging from 4.5 horsepower (hp) up to 35.0 hp. These engines are primarily used in walkbehind lawn mowers, riding lawn mowers and all-terrain vehicles.

Kawasaki Motors Manufacturing Corporation is not considered an existing major source for construction permitting because of the 250-ton annual limit for applicable pollutants. For New Source Review purposes, it is considered a minor source. The installation holds a Part 70 State Operating Permit most recently renewed in permit OP2015-038.

The following projects for Kawasaki Motors Manufacturing Corporation have been processed by the Air Pollution Control Program.

Table 1: Previous Permit Projects

Permit Number	Description
No permit Required	2015-12-007 Machining Line Like Kind Replacemtn
OP2015-038	2014-07-041 Part 70 Operating Permit Renewal
No permit Required	2014-03-044 Painting Process
No permit Required	2012-04-051 Emergency Generator
082008-007A	2012-02-074 Remove emission limitation
102009-004A	2012-02-030 Remove emission limitation
OP2010-039C	2012-02-031 Part 70 Operating Permit Modification
OP2010-039B	2012-01-059 Consolidation of natural gas recording (change of form)
OP2010-039A	2011-10-032 Consolidation of record keeping points (change of form)
No permit Required	2011-05-019 Assembly lines
No permit Required	2010-04-002 Die Casting furnace
102009-004A	2009-10-028 Corrections to issued permit
012010-003	2009-09-023 Burn-off furnace
OP2010-039	2009-07-005 Part 70 Operating Permit
102009-004	2009-02-033 new die casting machine, new crankcase machining line
	and new cylinder head machining line
082008-007	2008-04-002 Furnace Replacement
092007-011	2007-05-059 Endurance testing Facility

Permit Number	Description
062007-004	2006-10-085: Use of aviation fuel
	2006-09-062: Use of aviation fuel-applicability determination
092005-001A	2006-04-058: Amendment remove conditions
No Permit Required	2006-03-045: Die casting and crankcase machining
1	2006-03-047: Part 70 Operating Permit Amendment
	2005-10-020: Update Part 70 Operating Permit
092005-001	2005-05-106: Install four new processes
	2004-11-068: Intermediate Operating Permit Amendment
012005-002	2004-10-003: Add two small engine assembly lines
032004-006	2003-10-049: Installation of a machining operation
No Permit Required	2003-06-036: Engine testing exhaust fans
1	2003-05-092: Intermediate Operating Permit Amendment
082003-011	2003-05-091: Installation of a engine assembly line
	2003-02-097: Applicability, permit required for new lines.
	2002-06-097: Intermediate Operating Permit application
	2002-05-002: Correction or amendment change retaining compound.
No Permit Required	2001-05-090: 680cc LPG engines.
No Permit Required	2001-03-092: Installation of natural gas engines.
062001-001	2001-02-113: Installation of a wet vacuum impregnation system to
	seal porosity in aluminum parts
112000-010	2000-09-054: Installation of two (2) gasoline engine assembly lines
0699-024	1999-03-119: Installation of an assembly line for building internal
	combustion engines and installation of an electrode position paint
	system
	1998-05-636: major source review, closed out
0598-012	1998-02-0221: Addition of a wet paint booth and a process heater
	147-0023-020: Intermediate Operating Permit Application
0897-034	147-0023-017: Installation of a gasoline engine assembly line
0797-005	3340-0023-017: Installation of four (4) machining lines and six (6)
	heating/ventilation units
0494-009	3340-0023-016: Installation of an aluminum die casting machine and
	a machine process
0493-011	3340-0023-015: Installation of two (2) aluminum die casts and
	melting furnaces
0193-001	3340-0023-011: Installation of a powder paint booth
1291-004	3340-0023-009: Addition of chromate aluminum parts
	3340-0023-008: Amendment to 0791-001
0791-001	3340-0023-007: Installation of gasoline engine assembly line and
	aluminum scrap furnaces
1190-004	3340-0023-006: Addition of connecting rod machine line and
	injection molding
0890-001	3340-0023-005: Installation of aluminum die cast engines

#### PROJECT DESCRIPTION

Kawasaki proposes to install new processes at the gasoline engine manufacturing installation (147-0023) at this time. The processes include a die casting machine (EU-DCF20) and melting

furnace (EU-DCF19). The melting furnace supplies molten aluminum metal for the die casting machine. The die cast machine is used for making small engine parts. The melting furnace will be natural gas fired and is rated at 2.40 Million Btu/hr. The throughput of aluminum alloy with the heaviest part will be approximately 4,832 tons per year. The heaviest part was used to give a conservative estimate. The MHDR of the new die cast machine is estimated to run at 100 percent efficiency and is based on a 100 second cycle time. The cycle time is set up to give maximum efficiency in the die cast machine and is the amount of aluminum poured per hour for the part being produced.

The installation has an existing VOC and CO limit of 250 tons per rolling 12 month period and a 10 ton individual HAP and a 25 ton combined HAP limit per 12 month period. The equipment installed in this permit is considered to be part of the installation wide limits.

#### EMISSIONS/CONTROLS EVALUATION

Emissions from the melting furnace were calculated using emissions factors from the EPA document AP-42, *Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources*, Fifth Addition, Section 1.4 "Natural Gas Combustion," July 1998, SCC 1-02-006-02. Particulate matter less than 10 microns in diameter is emitted from the melting of aluminum. These emissions were calculated using an emissions factor from AP-42 Section 12.8, "Secondary Aluminum Operations," October 1986, SCC 3-04-001-03. The controlled emission factor was used because of the use an electrostatic precipitator. Emissions from the die casting machine were calculated using emission factors from the Factor Information Retrieval (FIRE) Data System, Version 6.25, SCC 3-04-001-14.

Emissions from the use of fluxes were not calculated. Based on the information provided by the permittee and included in the application for permit number 082008-007A, the emissions of fluorides and hydrogen fluoride are expected to be undetectable. Potential emissions of the application represent the potential of the new equipment, assuming continuous operation (8760 hours per year.) Existing actual emissions were taken from the 2015 EIQ. The following table provides an emissions summary for this project.

Pollutant	Regulatory De Minimis/SM AL Levels	Existing Potential Emissions	Existing Actual Emissions (2015 EIQ)	Potential Emissions of the Application	Installation Conditione d Potential
PM	25.0	N/D	N/D	3.21	N/D
$PM_{10}$	15.0	N/D	24.3	3.21	N/D
$PM_{2.5}$	10.0	N/D	12.32	3.21	N/D
$SO_X$	40.0	N/A	0.28	0.05	N/D
$NO_X$	40.0	< 40	3.64	1.05	<40.0
VOC	40.0	< 250	79.73	0.24	<250.0
СО	100.0	< 250	124.05	0.86	<250.0
Total HAPs	10/25.0	< 10/25.0	4.7	0.02	<10.0/25.0

N/D = Not determined

#### 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 all pollutants are below de minimis levels.

#### APPLICABLE REQUIREMENTS

Kawasaki Motors Manufacturing Corporation 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. For a complete list of applicable requirements for your installation, please consult your operating permit.

#### GENERAL REQUIREMENTS

- Submission of Emission Data, Emission Fees and Process Information, 10 CSR 10-6.110
   Per 10 CSR 10-6.110(4)(B)2.A a full EIQ is required annually
- 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*, it is recommended that this permit be granted with special conditions.

#### PERMIT DOCUMENTS

The following documents are incorporated by reference into this permit:

• The Application for Authority to Construct form, dated May 18, 2016, received May 23, 2016, designating Kawasaki Heavy Industries Ltd. as the owner and operator of the installation.

#### **Attachment A**

### **VOC and CO Monthly Compliance Worksheet**

### Kawasaki Motors Manufacturing Corporation Nodaway County, S31, T64, R35 Project Number: 2016-05-062 Installation ID Number: 147-0023

Emission Point	<b>Usage Units</b>	Usage Amt.	VOC Emission Factor	CO Emission Factor	VOC (lb)	CO (lb)
Example Gasoline Emission Point	gallons	76.5000	0.3939 lb/gal	8.151 lb/gal	30.1334	623.5515
AET1	gallons		,			
AET2	gallons					
AET3	gallons					
AET4	gallons					
AET5	gallons					
AET6	gallons					
AET7	gallons					
AET8	gallons					
AET9	gallons					
AET10	gallons					
AET11	gallons					
DCF01	MMCF					
DCF01	tons					
DCF03	MMCF					
DCF05	MMCF					
DCF07	MMCF					
DCF09	MMCF					
DET4	gallons					
DET5	gallons					
PE10	MMCF					
PE10B	MMCF					
ETF1	gallons					
SH1	MMCF					
ETC	gallons					
ASTC	gallons					
Some Emission Points need to be	(lb/	/2000) Attachm	ent A Total Tor	ns		

segmented for calculation

Note: The VOC content of reclaimed VOC material transferred to a contract reclamation service can be subtracted from the VOC total. A 12-Month rolling CO emission total of CO of less than or equal to 250.0 tons indicates compliance.

## Attachment B VOC Monthly Compliance Worksheet

Point	Product	Part #	VOC %	Density(lb/gal)	Usage- Gal	VOCs- lbs	Container Size
MMF	Example (cutting oil)	H1957	54.00%	<b>gal</b> ) 7.6200	41.2500	169.7355	55 gal drum
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	Total VOC tons						
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Attachment A VOC total is added to the total of Attachment B. All VOC emissions from the site must be counted. A 12-Month rolling VOC emission total of all VOC emissions at the installation of less than or equal to 250.0 tons indicates compliance.

### Attachment C

#### HAP Monthly Compliance Work Sheet Kawasaki Motors Manufacturing Corporation Nodaway County, S31, T64, R35 Project Number 2016-05-062

**Installation ID Number 147-0023** 

(A)	(B)	(C)	( <b>D</b> )	<b>(E)</b>	<b>(F)</b>	(G)	(H)
						D times E times F =G	G times
HAPs from Natural Gas Combustion	Usa			Combined HAP Emission Factor (Ibs/mmcf)		Lbs of HAPs	Tons of HAPs
Example: Combined HAPs	MMCF		1.2	1.8	388	2.27	0.0113
Combined HAPs		MMCF		1.8	388		
HAP Chemical	CAS#	Product	Gallons used	% HAP	Sp Gr	Lbs of HAPs	Tons of HAPs
Example Benzene	71-43-2	Cleaning solution	15	<0.5%	0.7100	0.5325	0.0026
	1	1	1	1		+	

A rolling 12-Month HAP emission total of all HAPs emissions at the installation of less than or equal to 10 tons individually HAP or 25 tons combined HAP indicates compliance.

Monthly Total Tons: 12 month Rolling Cumulative Tons:

# **APPENDIX A**

# **Abbreviations and Acronyms**

% percent	Mgal 1,000 gallons
⁰F degrees Fahrenheit	MW megawatt
acfm actual cubic feet per minute	MHDR maximum hourly design rate
BACT Best Available Control Technology	MMBtu Million British thermal units
BMPs Best Management Practices	MMCF million cubic feet
Btu British thermal unit	MSDS Material Safety Data Sheet
CAM Compliance Assurance Monitoring	NAAQS National Ambient Air Quality
CAS Chemical Abstracts Service	Standards
<b>CEMS</b> Continuous Emission Monitor System	<b>NESHAPs</b> National Emissions Standards for Hazardous Air Pollutants
CFR Code of Federal Regulations	NO <sub>x</sub> nitrogen oxides
CO carbon monoxide	NSPS New Source Performance
CO <sub>2</sub> carbon dioxide	Standards
CO₂e carbon dioxide equivalent	NSR New Source Review
COMS Continuous Opacity Monitoring	PM particulate matter PM <sub>2.5</sub> particulate matter less than 2.5
System	microns in aerodynamic diameter
CSR Code of State Regulations	PM₁₀ particulate matter less than 10
dscf dry standard cubic feet	microns in aerodynamic diameter
EIQ Emission Inventory Questionnaire	ppm parts per million
EP Emission Point	PSD Prevention of Significant
<b>EPA</b> Environmental Protection Agency <b>EU</b> Emission Unit	Deterioration
	PTE potential to emit
fps feet per second  ft feet	RACT Reasonable Available Control
GACT Generally Available Control	Technology
Technology	RAL Risk Assessment Level SCC Source Classification Code
GHG Greenhouse Gas	
gpm gallons per minute	scfm standard cubic feet per minute SDS Safety Data Sheet
gr grains	SIC Standard Industrial Classification
GWP Global Warming Potential	SIP State Implementation Plan
HAP Hazardous Air Pollutant	SMAL Screening Model Action Levels
<b>hr</b> hour	SO <sub>x</sub> sulfur oxides
hp horsepower	SO <sub>2</sub> sulfur dioxide
<b>Ib</b> pound	tph tons per hour
lbs/hr pounds per hour	tpy tons per near
MACT Maximum Achievable Control	VMT vehicle miles traveled
Technology	VOC Volatile Organic Compound
μg/m³ micrograms per cubic meter	

m/s ..... meters per second

Mr. Todd Turner Environmental Supervisor Kawasaki Motors Manufacturing Corporation 28147 Hwy 71 Maryville, MO 64468

RE: New Source Review Permit - Project Number: 2016-05-062

Dear Mr. Turner:

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, 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.

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

If you were adversely affected by this permit decision, you may be entitled to pursue an appeal before the administrative hearing commission pursuant to Sections 621.250 and 643.075.6 RSMo. To appeal, you must file a petition with the administrative hearing commission 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 administrative hearing commission, whose contact information is: Administrative Hearing Commission, United States Post Office Building, 131 West High Street, Third Floor, P.O. Box 1557, Jefferson City, Missouri 65102, phone: 573-751-2422, fax: 573-751-5018, website: <a href="https://www.oa.mo.gov/ahc">www.oa.mo.gov/ahc</a>.

Mr. Todd Turner Page Two

If you have any questions regarding this permit, please do not hesitate to contact Chad Stephenson, 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:csj

Enclosures

c: Kansas City Regional Office PAMS File: 2016-05-062

Permit Number: