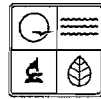


STATE OF MISSOURI



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: **032009-015** Project Number: 2007-09-044

Parent Company: Ozark Mountain Technologies, Inc.

Parent Company Address: P.O. Box 680, Cuba MO 65453

Installation Name: Ozark Mountain Technologies, Inc.

Installation Address: 106 Midland Drive, Cuba, MO 65453

Location Information: Crawford County, S31, T39N, R4W

Application for Authority to Construct was made for:

The authority to move the entire installation to a new site and add two paint booths and one industrial wood fired boiler. This review was conducted in accordance with Section (6), 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.

MAR 27 2009

EFFECTIVE DATE

A handwritten signature in black ink, appearing to read "James K. Kawamura".

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 this (these) air contaminant source(s). The information must be made available not more than 60 days but at least 30 days in advance of this date. Also, you must notify the Department of Natural Resources Regional office responsible for the area within which you are located with 15 days after the actual start up of this (these) air contaminant source(s).

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 source(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.	2007-09-044

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."

Ozark Mountain Technologies, Inc.
Crawford County, S31, T39N, R4W

1. **Superseding Condition**
The conditions of this permit supersede all special conditions found in the previously issued construction permit (Permit Number 022006-002) from the Air Pollution Control Program.
2. **Emission Limitations**
 - A. Ozark Mountain Technologies, Inc. shall emit less than 15.0 tons of particulate matter less than ten (10) microns in diameter (PM₁₀) from the entire installation as listed in table 2 in any consecutive 12 month period.
 - B. Ozark Mountain Technologies, Inc. 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 as listed in table 2 in any consecutive 12-month period.
 - C. Ozark Mountain Technologies, Incorporated shall emit less than 0.1 tons of 4,4-diphenylmethane diisocyanate (MDI) from the installation as listed in table 2 in any consecutive 12-month period.
 - D. Ozark Mountain Technologies, Incorporated shall emit less than 0.02 tons of 1,6-diisocyanate hexamethylene (HDI) from the installation as listed in table 2 in any consecutive 12-month period.
 - E. Ozark Mountain Technologies, Incorporated shall emit less than 0.1 tons of phenol from the installation as listed in table 2 in any consecutive 12-month period.
 - F. Ozark Mountain Technologies, Incorporated shall emit less than 0.002 tons of hexavalent chromium from the installation as listed in table 2 in any consecutive 12-month period.
 - G. Ozark Mountain Technologies, Incorporated shall emit less than 0.01 tons of lead compounds from the installation as listed in table 2 in any

Page No.	4
Permit No.	
Project No.	2007-09-044

SPECIAL CONDITIONS:

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

consecutive 12-month period.

- H. When considering using a new coating in the three (3) paint booths (EP1, EP2 and EP3) that is different to those listed in the Application for Authority to Construct, Ozark Mountain Technologies, Incorporated must calculate the potential emissions for each individual HAP in the alternative coating that has a Screen Modeling Action Level (SMAL) as listed in Attachment J using Attachment I. If the potential HAP emissions for the alternative paint is equal to or greater than the Screen Modeling Action Levels (SMAL), then Ozark Mountain Technologies, Incorporated must obtain approval from the Air Pollution Control Program before use of the alternative coating.
 - I. Attachment A, Attachment B, Attachment C, Attachment D, Attachment E, Attachment F, Attachment G and Attachment H or equivalent forms approved by the Air Pollution Control Program shall be used to demonstrate compliance with Special Conditions 2.A, 2.B, 2.C, 2.D, 2.E, 2.F, 2.G and 2.H. Ozark Mountain Technologies, Incorporated shall maintain all records required by this permit for not less than five (5) years and shall make them available immediately to any Missouri Department of Natural Resources' personnel upon request. These records shall include Material Safety Data Sheets (MSDS) for all materials used in the three (3) paint booths (EP1 through EP3).
 - J. Ozark Mountain Technologies, Incorporated shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, Missouri 65102, no later than ten (10) days after the end of the month during which the records from Special Condition Number 2.J indicate that the source exceeds the limitation of Special Conditions Number 2.A, 2.B, 2.C, 2.D, 2.E, 2.F, 2.G and 2.H.
3. Operational Requirement
- A. Ozark Mountain Technologies, Inc. shall keep the coatings, solvents and cleaning solutions in sealed containers whenever the materials are not in use. Ozark Mountain Technologies, Inc. shall provide and maintain suitable, easily read, permanent markings on all coatings, solvent and cleaning solution containers used with this equipment.
 - B. Ozark Mountain Technologies, Inc. shall control particulate matter emissions from the three paint booths (EP1, EP2 and EP3) with cartridge filters
 - 1.) The filters shall be maintained and operated according to the

Page No.	5
Permit No.	
Project No.	2007-09-044

SPECIAL CONDITIONS:

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

- manufactures specifications.
- 2.) Replacement filters shall be maintained onsite.
- 3.) Ozark Mountain Technologies, Inc. shall maintain an operating and maintenance log for the filters, which shall include the following:
 - (a) Incidents of malfunction, with impact on emissions, duration of event, probable cause, and corrective actions;
 - (b) Maintenance activities, with inspection schedule, repair actions, and replacements, etc.; and
 - (c) A record of regular inspection schedule, the date and results of all inspections, including any actions or maintenance activities that result from the inspection. Either paper copy or electronic formats are acceptable.
- C. Ozark Mountain Technologies, Inc. shall control the four 12 feet by 5 feet sulfuric acid anodizing tanks (EP4) with wet scrubbers.
 - 1.) The scrubbers and any related instrumentation or equipment shall be operated and maintained in accordance with the manufacturer's specifications. Each scrubber shall be equipped with a gauge or meter that indicates the pressure drop across the scrubber and with a flow meter that indicates the flow through the scrubber. These gauges and meters shall be located in such a way they may be easily observed by Department of Natural Resources' personnel.
 - 2.) Ozark Mountain Technologies, Inc. shall monitor and record the operating pressure drop across each scrubber at least once every twenty-four (24) hours. The operating pressure drop shall be maintained within the design conditions specified by the manufacturer's performance warranty.
 - 3.) Ozark Mountain Technologies, Inc. shall monitor and record the flow rate through the scrubber at least once every twenty-four (24) hours. The flow rate shall be maintained within the design conditions specified by the manufacturer's performance warranty.
 - 4.) Ozark Mountain Technologies, Inc. shall maintain an operating and maintenance log for the scrubber, which shall include the following:
 - (a) Incidents of malfunction, with impact on emissions, duration of event, probable cause, and corrective actions;
 - (b) Maintenance activities, with inspection schedule, repair actions, and replacements, etc.; and
 - (c) A record of regular inspection schedule, the date and results of all inspections, including any actions or maintenance activities that result from the inspection. Either paper copy or electronic formats are acceptable.

Page No.	6
Permit No.	
Project No.	2007-09-044

SPECIAL CONDITIONS:

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

- D. Ozark Mountain Technologies, Inc. shall control emission the chromic acid anodizing tanks (EP5) using a fume suppressant.
- 1.) Ozark Mountain Technologies shall maintain a bath make-up according to the manufacture's specifications.
 - (a) The bath make-up shall be maintained using one of the following methods.
 - (i) Measurement of the bath surface tensions using a stalagmometer or tensiometer and adding fume suppressant according to the manufacture's recommendations.
 - (ii) Measurement of the ampere-hours plated using an ampere-hour meter and adding fume suppressant according to the manufacture's recommendations.
 - (b) Ozark Mountain Technologies, Inc. shall maintain an operating and maintenance log for the fume suppressant, which shall include the following:
 - (i) Incidents of malfunction, with impact on emissions, duration of event, probable cause, and corrective actions;
 - (ii) Maintenance activities, with inspection schedule, repair actions, and replacements, etc.; and
 - (iii) A record of regular inspection schedule, the date and results of all inspections, including any actions or maintenance activities that result from the inspection. Either paper copy or electronic formats are acceptable.
- E. Ozark Mountain Technologies, Inc. shall control particulate matter emissions from the wood-fired boiler (EP8) using a multicyclone.
- 1.) The multicyclone shall be maintained and operated according to the manufactures specifications.
 - 2.) Ozark Mountain Technologies, Inc. shall maintain an operating and maintenance log for the multicyclone, which shall include the following:
 - (a) Incidents of malfunction, with impact on emissions, duration of event, probable cause, and corrective actions;
 - (b) Maintenance activities, with inspection schedule, repair actions, and replacements, etc.; and
 - (c) A record of regular inspection schedule, the date and results of all inspections, including any actions or maintenance activities that result from the inspection. Either paper copy or electronic formats are acceptable.

Page No.	7
Permit No.	
Project No.	2007-09-044

SPECIAL CONDITIONS:

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

REVIEW OF APPLICATION FOR AUTHORITY TO CONSTRUCT AND OPERATE
SECTION (6) REVIEW

Project Number: 2007-09-044
Installation ID Number: 055-0040
Permit Number:

Ozark Mountain Technologies, Inc.
106 Midland Drive
Cuba, MO 65453

Complete: September 18, 2007

Parent Company:
Ozark Mountain Technologies, Inc.
P.O. Box 680
Cuba MO 65453

Crawford County, S31, T39N, R4W

REVIEW SUMMARY

- Ozark Mountain Technologies, Inc. has applied for authority to move the entire installation to a new site and add two paint booths and one industrial wood fired boiler.
- Hazardous Air Pollutant (HAP) emissions are expected from the proposed equipment. HAPs of concern from this process are xylene, ethyl benzene, phenol, HDI, methyl isobutyl ketone (MIK), toluene, cumene, phenol, chromium compounds, hexavalent chromium, antimony compounds, nickel compounds, MDI, lead compounds, and glycol ethers.
- None of the New Source Performance Standards (NSPS) apply to the proposed equipment.
- The Maximum Achievable Control Technology (MACT) standard, 40 CFR Part 63, Subpart N, *National Emission Standards for Hazardous Air for Chromium Electroplating and Chromium Anodizing*, applies to this installation. However, as of December 2005, the Environmental Protection Agency (EPA) has permanently exempted area sources that fall under Subpart N from Title V permitting requirements. The MACT standard 40 CFR Part 63, Subpart HHHHHH, *National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources*. The MACT standard, 40 CFR Part 63, Subpart MMMM, *National Emission Standard for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products*, does not apply to this installation since it is not a major source of HAPS.
- High efficiency filters are used with the paint booths to control particulate matter less than 10 microns (PM₁₀); fume suppressant is being used to control hexavalent chromium emissions from the chromic acid anodizing tank; wet scrubbers are being

used to control emissions from the sulfuric acid anodizing tanks; and a multicyclone is being used to control PM₁₀ emissions from the wood-fired boiler.

- This review was conducted in accordance with Section (6) of Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*. Potential emissions of particulate matter less than ten (10) microns in aerodynamic diameter (PM₁₀), sulfur acid mist and hazardous air pollutants (HAPS) are conditioned below de minimis levels. Potential emissions of volatile organic compound (VOC) exceed the de minimis level.
- This installation is located in Crawford County, an attainment area for all criteria air pollutants.
- This installation is not on the List of Named Installations [10 CSR 10-6.020(3)(B), Table 2].
- Ambient air quality modeling was not performed for this review. Potential emissions of PM₁₀ and HAPs are conditioned below their de minimis or screen modeling action levels. VOC emissions were not modeled. There is no screening model that can accurately predict the impact of VOC on ambient air quality.
- Emissions testing is not required for the source.
- A Part 70 Operating Permit is required for this installation.
- Approval of this permit is recommended with special conditions.

INSTALLATION DESCRIPTION

This facility started operation in Crawford County in August 1994. The facility chemically anodizes aluminum automotive and aircraft parts. A fraction of these anodized parts are then painted. The facility is an existing minor source for construction permits and does not hold an operating permit.

The following permits have been issued to Ozark Mountain Technologies, Inc. from the Air Pollution Control Program.

Table 1: Previously Issued Construction Permits

Permit Number	Description
0297-014	Paint spray booth
0598-008	12x6 paint spray booth, chromium anodizing tanks
022006-002	Paint booth changes

PROJECT DESCRIPTION

Ozark Mountain Technologies will move their existing operation to a new site located

across the street from their existing site. In addition to moving their existing equipment, Ozark Mountain Technologies will add one EZ Pit Semi-Downdraft Automotive Booth, one industrial wood fired boiler, one phosphate fluoride tank, four natural gas ovens and a natural gas fired boiler. All the equipment must be re-permitted at the new site. The following equipment will be operated at the new site:

Table 2: Emission Points

EP-Number	Description
1-3	Three paint booths
4	Four sulfuric acid anodizing lines
5	Chromic acid anodizing line
N/A	Penetrant line
6	Eight drying ovens (4 electric/4 natural gas)
7	Propane fired boiler
8	Wood fired boiler
9	Methyl ethyl Ketone (MEK) distiller

As stated above, the facility is moving two existing paint booths and installing a third paint booth. According to permit 022006-002 the maximum hourly design rate (MHDR) of the two existing paint booths combined is 6 gallons of solvent based paint per hour. In a letter received by the Air Pollution Control Program on July 8, 2008, the facility's consultant stated that the MHDR of the new paint booth is 0.547 gallons of paint per hour. Combining these MHDRs yields a total paint booth MHDR of 6.547 gallons per hour. This rate was used to calculate emissions. The application stated that the facility will use two new coatings and supplied MSDS for these coatings.

Acid anodizing is used to apply an oxidized layer to aluminum. The facility has two anodizing processes, sulfuric acid anodizing and chromic acid anodizing. The processes are similar in that aluminum parts are processed in a series of pretreatment baths and then dipped into an anodizing bath. In the anodizing baths electric current is applied to the bath to form the oxidation layer. Four sulfuric acid anodizing tanks are controlled by wet scrubbers, and two sulfuric acid tanks are uncontrolled. The dimensions of the scrubber controlled tanks are 12 feet by 5 feet. The new phosphate fluoride tank mentioned above is a component of the anodize process but not an anodizing tank. The chromic acid anodizing bath has a surface area of 197.13 square feet (ft²) and is controlled with a fume suppressant.

The penetrant line is used to inspect parts for fissures or cracks. The parts are first coated with oil and then washed. Any fissures or cracks in the part will retain the oil. Next, the parts are dried, and then a developer is applied. The parts are inspected under ultraviolet light, and finally cleaner is applied to remove the developer. Material safety data sheets (MSDS) for the oil, developer and cleaner were provided by the applicant and show that these materials do not contain any HAPs or VOCs.

The combined heat input of the four natural gas fired ovens is 4.8 million British thermal units per hour. The natural gas boiler has a maximum heat input of 21 million British thermal units per hour (MMBtu/hr). The wood fired boiler has a maximum heat input of 13.44 MMBtu/hr and is controlled by a cyclone collector.

Methyl ethyl Ketone (MEK) is used to wash the painting equipment. The facility operates a MEK distiller to recover some of the solvent. Solvent usage was estimated at 0.2 gallons of MEK per hour.

EMISSIONS/CONTROLS EVALUATION

Emissions from the paint booths were calculated using a mass balance approach and assuming all VOCs and HAPs in the coatings were emitted. VOC and HAP contents were obtained from material safety data sheets (MSDS) submitted with the application and those submitted with permit 022006-002. Emissions from the sulfuric acid anodizing lines were calculated using a method described in a permit issued by New Hampshire Environmental Services for Aavid Thermalloy, LLC (Application number: FY06-0147). This permit used a formula to estimate sulfuric acid emissions based on a ratio of the hexavalent chromium emissions and assumed a scrubber efficiency of 90%. Emissions from the chromium anodizing line were calculated using emissions factors from the Environmental Protection Agency (EPA) document AP-42, *Compilation of Air Pollutant Emission Factors*, Fifth Edition, Section 12.20 "Electroplating," July 1996. These emission factors are in terms of grains per ft²-hour. Emissions from the ovens and natural gas fired boiler were calculated using emission factors from AP-42 Section 1.4 "Natural Gas Combustion," July 1998. Emissions from the wood fired boiler were calculated using AP-42 Section 1.6 "Wood Residue Combustion in Boilers," September 2003.

The existing potential emissions were taken from permit 022006-002. The potential emissions of the installation represent the potential of the existing and new equipment, assuming continuous operation (8760 hours per year). To calculate the potential emissions of HAPs permitted in 022006-002, the existing potential emissions from permit were scaled up based on the new combined MHDR for the paint booths. If the potential emissions from the two new coatings was greater than the scaled up existing emissions for a HAP, the potential emissions of the new coating was used. The following table provides an emissions summary for this project.

Table 3: Emissions Summary (tons per year)

Pollutant	Regulatory De Minimis Levels	Existing Potential Emissions	Existing Actual Emissions (2006 EIQ)	Potential Emissions of the Installation	New Installation Conditioned Potential
PM ₁₀	15.0	3.54	0.05	35.38	< 15.0
SO _x	40.0	0.01	0.01	1.54	N/A
NO _x	40.0	2.30	1.56	39.62	N/A
VOC	40.0	146.58	9.38	197.17	N/A
CO	100.0	0.23	0.25	44.37	N/A
Sulfur acid mist	7.0	N/D	N/D	0.026	N/A
Xylene	10.0	13.53	N/D	43.08	< 10.0
Cumene	10.0	0.28	N/D	0.31	< 10.0

Pollutant	Regulatory De Minimis Levels	Existing Potential Emissions	Existing Actual Emissions (2006 EIQ)	Potential Emissions of the Installation	New Installation Conditioned Potential
Ethyl Benzene	10.0	3.37	N/D	10.77	< 10.0
MIK	10.0	33.81	N/D	73.92	< 10.0
Phenol	0.1*	2.87	N/D	3.13	< 0.1
Chromium Compounds	5.0*	1.23	N/D	1.34	N/A
Hexavalent Chromium	0.002	N/A	N/A	0.0081	< 0.002
Antimony Compounds	5.0*	0.11	N/D	0.12	N/A
Nickel Compounds	1.0*	0.04	N/D	0.04	N/A
Toluene	10.0	27.59	N/D	60.31	< 10
MDI	0.1*	15.56	N/D	34.03	< 0.1
Lead Compounds	0.01*	0.02	N/D	0.02	< 0.01
HDI	0.02*	0.39	N/D	0.66	< 0.02
Total HAPs	25.0	208.09**	N/D	135.20	< 25.0

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

*Screen Modeling Acton Levels

**Includes emissions of MEK and 2-Butoxyethanol. Both of these pollutants have been removed from the list of hazardous air pollutants.

This permit supersedes and reestablishes the limits in permit 022006-002. That permit limited the emissions of individual HAPs to less than 10.0 tons per year (tpy), the emissions of total HAPs to less than 25.0 tpy, emissions of 4,4-diphenylmethane diisocyanate (MDI) to less than 0.1 tpy and emissions of 1,6-diisocyanate hexamethylene (HDI) to less than 0.02 tpy. This permit adds limits for phenol of 0.1 tons per year, lead compounds of 0.01 tons per year, hexavalent chromium of 0.002 tons per year and PM₁₀ of 15.0 tons per year.

PERMIT RULE APPLICABILITY

This review was conducted in accordance with Section (6) of Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*. Potential emissions of particulate matter less than ten (10) microns in aerodynamic diameter (PM₁₀), and hazardous air pollutants (HAPS) are conditioned below de minimis levels. Potential emissions of VOCs are above de minimis levels.

APPLICABLE REQUIREMENTS

Ozark Mountain Technologies, 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*
The emission fee is the amount established by the Missouri Air Conservation Commission annually under Missouri Air Law 643.079(1). Submission of an Emissions Inventory Questionnaire (EIQ) is required April 1 for the previous year's emissions.
- *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 10-3.090*

SPECIFIC REQUIREMENTS

- *Restriction of Emission of Particulate Matter From Industrial Processes, 10 CSR 10-6.400*
- *Maximum Achievable Control Technology (MACT) Regulations, 10 CSR 10-6.075, National Emission Standards for Chromium Electroplating and Chromium Anodizing, 40 CFR Part 63, Subpart N and 40 CFR Part 63, Subpart HHHHHH*
- *Restriction of Emission of Sulfur Compounds, 10 CSR 10-6.260*
- *Maximum Allowable Emissions of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating, 10 CSR 10-3.060*

STAFF RECOMMENDATION

On the basis of this review conducted in accordance with Section (6), Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*, I recommend this permit be granted with special conditions.

Michael Mittermeyer

Date

Environmental Engineer

PERMIT DOCUMENTS

The following documents are incorporated by reference into this permit:

- The Application for Authority to Construct form, dated September 12, 2007, received September, 18 2007, designating Ozark Mountain Technologies, Inc. as the owner and operator of the installation.
- U.S. EPA document AP-42, *Compilation of Air Pollutant Emission Factors*, Fifth Edition.
- Southeast Regional Office Site Survey, dated September 27, 2007.

Attachment A
Monthly PM₁₀ Tracking Record
 Ozark Mountain Technologies, Incorporated
 Crawford County, S31, T39N, R4W
 Project Number: 2005-11-036
 Installation ID Number: 055-0040
 Permit Number:

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

Copy this sheet as needed. Use additional sheets as necessary.

Column 1	Column 2 (a)	Column 3	Column 4	Column 5
Material Used (Name, Type)	Amount of Material Used (Include Units)	Density (Pounds per Gallon)	Solids Content (Weight %)	PM ₁₀ Emissions (Tons) (a)
Unit Description	Throughput	Throughput Units	Emission Factor (lb/Unit)	
(b) Chromic acid anodizing		Hours	0.22	
(c) Natural gas combustion		10 ⁶ scf	7.6	
(d) Wood combustion		Hours	7.26	
(e) Total PM ₁₀ Emissions Calculated for this Month in Tons:				
(f) 12-Month PM ₁₀ Emissions Total from Previous Month's Attachment A, in Tons:				
(g) Monthly PM ₁₀ Emissions Total (b) from Previous Year's Attachment A, in Tons:				
(h) Current 12-month Total of PM ₁₀ Emissions in Tons: [(b) + (c) - (d)]				

Instructions: Choose appropriate PM₁₀ calculation method for units reported:

- (a) For Paints
 - 1) If usage is in tons: [Column 2] x [Column 4] x [0.475] = [Column 5];
 - 2) If usage is in pounds: [Column 2] x [Column 4] x [0.0005] x [0.475] = [Column 5];
 - 3) If usage is in gallons: [Column 2] x [Column 3] x [Column 4] x [0.0005] x [0.475] = [Column 5].
- (b) Enter the hours of operation; [Column 2] x [Column 4] x [0.0005] = [Column 5]
- (c) Enter the volume of gas combusted; [Column 2] x [Column 4] x [0.0005] = [Column 5]
- (d) Enter the hours of operation; [Column 2] x [Column 4] x [0.0005] = [Column 5]
- (e) Summation of [Column 5] in Tons;
- (f) 12-Month VOC emissions total (e) from last month's Attachment A, in Tons;
- (g) Monthly VOC emissions total (b) from previous year's Attachment A, in Tons; and
- (h) Calculate the new 12-month VOC emissions total. **A 12-Month PM₁₀ emissions total (e) of less than 15.0 tons for the installation indicates compliance.**

Attachment B
Monthly Combined HAPs Tracking Record
 Ozark Mountain Technologies, Incorporated
 Crawford County, S31, T39N, R4W
 Project Number: 2005-11-036
 Installation ID Number: 055-0040
 Permit Number:

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

Copy this sheet as needed.

Column 1	Column 2 (a)	Column 3	Column 4	Column 5
Material Used, (Name, HAP CAS #)	Amount of Material Used (Include Units)	Density (Pounds per Gallon)	HAP Content (Weight %)	HAP Emissions (Tons)
Unit Description	Throughput	Throughput Units	Emission Factor (lb/Unit)	
(b) Chromic acid anodizing		Hours	0.108	
(c) Natural gas combustion		10 ⁶ scf	1.888	
(d) Wood combustion		Hours	0.49	
(e) Total HAP Emissions Calculated for this Month in Tons:				
(f) 12-Month HAP Emissions Total from Previous Month's Attachment B in Tons:				
(g) Monthly HAP Emissions Total (b) from Previous Year's Attachment B in Tons:				
(h) Current 12-month Total of HAP Emissions in Tons: [(b) + (c) - (d)]				

Instructions: Choose appropriate HAP calculation method for units reported:

- (a) For Paints
 - 1) If usage is in tons: [Column 2] x [Column 4] x [0.475] = [Column 5];
 - 2) If usage is in pounds: [Column 2] x [Column 4] x [0.0005] x [0.475] = [Column 5];
 - 3) If usage is in gallons: [Column 2] x [Column 3] x [Column 4] x [0.0005] x [0.475] = [Column 5].
- (b) Enter the hours of operation; [Column 2] x [Column 4] x [0.0005] = [Column 5]
- (c) Enter the volume of gas combusted; [Column 2] x [Column 4] x [0.0005] = [Column 5]
- (d) Enter the hours of operation; [Column 2] x [Column 4] x [0.0005] = [Column 5]
- (e) Summation of [Column 5] in Tons;
- (f) 12-Month VOC emissions total (e) from last month's Attachment B, in Tons;
- (g) Monthly VOC emissions total (b) from previous year's Attachment B, in Tons; and
- (h) Calculate the new 12-month VOC emissions total. **A 12-Month HAP emissions total (e) of less than 25.0 tons for the installation indicates compliance.**

Attachment C
Monthly Individual HAPs Tracking Record
 Ozark Mountain Technologies, Incorporated
 Crawford County, S31, T39N, R4W
 Project Number: 2005-11-036
 Installation ID Number: 055-0040
 Permit Number:

HAP Name: _____ CAS No.: _____

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

Copy this sheet as needed.

Column 1 (a)	Column 2 (b)
List materials from Attachment B which emit this specific HAP (Name, Type)	HAP emissions from Attachment B [Column 5] (in Tons)
(c) Total HAP Emissions Calculated for this Month, in Tons:	
(d) 12-Month HAP Emissions Total (f) from Previous Month's Attachment C, in Tons:	
(e) Monthly HAP Emissions Total (c) from Previous Year's Attachment C, in Tons:	
(f) Current 12-month Total of HAP Emissions in Tons: [(c) + (d) - (e)]:	

- Instructions: Choose appropriate HAP calculation method for units reported
- (a) Individually list each material which emits this specific HAP from this installation;
 - (b) Record the amount of HAP emissions already calculated for Attachment B in [Column 5] in Tons;
 - (c) Summation of [Column 5] in Tons;
 - (d) Record the previous 12-Month individual HAP emission total (f) from last month's Attachment C, in Tons;
 - (e) Record the monthly HAP emission total (c) from previously year's Attachment C, in Tons; and
 - (f) Calculate the new 12-month individual HAP emissions total. **A 12-Month individual HAP emissions total of less than ten (10.0) tons for the installation indicates compliance.**

Attachment D Monthly 4,4-Diphenylmethane Diisocyanate (MDI) Tracking Record

Ozark Mountain Technologies, Incorporated
Crawford County, S31, T39N, R4W
Project Number: 2005-11-036
Installation ID Number: 055-0040
Permit Number:

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

Copy this sheet as needed

Column 1	Column 2 (a)	Column 3	Column 4	Column 5
Material Used (Name)	Amount of Material Used (Include Units)	Density (Pounds per Gallon)	MDI Content (Weight %)	MDI Emissions (Tons)
(b) Total MDI Emissions Calculated for this Month in Tons:				
(c) 12-Month MDI Emissions Total from Previous Month's Attachment in Tons:				
(d) Monthly MDI Emissions Total (b) from Previous Year's Attachment in Tons:				
(e) Current 12-month Total of MDI Emissions in Tons: [(b) + (c) - (d)]				

INSTRUCTIONS: Choose appropriate HAP calculation method for units reported:

(a) 1) If usage is in tons: [Column 2] x [Column 4] = [Column 5];
 2) If usage is in pounds: [Column 2] x [Column 4] x [0.0005] = [Column 5];
 3) If usage is in gallons: [Column 2] x [Column 3] x [Column 4] x [0.0005] = [Column 5];

(b) Summation of [Column 5] in Tons;

(c) 12-Month MDI emissions (e) from last month's Attachment D in Tons;

(d) Monthly MDI emissions total (b) from the Previous Year's Attachment D in Tons; and

(e) Calculate the New 12-Month Combined MDI emissions total. **A 12-Month MDI emissions total (e) of less than 0.1 tons for the installation indicates compliance.**

Attachment E
Monthly 1,6-Diisocyanate Hexamethylene (HDI) Tracking Record

Ozark Mountain Technologies, Incorporated

Crawford County, S31, T39N, R4W

Project Number: 2005-11-036

Installation ID Number: 055-0040

Permit Number:

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

Copy this sheet as needed

Column 1	Column 2 (a)	Column 3	Column 4	Column 5
Material Used (Name)	Amount of Material Used (Include Units)	Density (Pounds per Gallon)	HDI Content (Weight %)	HDI Emissions (Tons)
(b) Total HDI Emissions Calculated for this Month in Tons:				
(c) 12-Month HDI Emissions Total from Previous Month's Attachment in Tons:				
(d) Monthly HDI Emissions Total (b) from Previous Year's Attachment in Tons:				
(e) Current 12-month Total of HDI Emissions in Tons: [(b) + (c) - (d)]				

INSTRUCTIONS: Choose appropriate HAP calculation method for units reported:

- (a) 1) If usage is in tons: [Column 2] x [Column 4] = [Column 5];
 2) If usage is in pounds: [Column 2] x [Column 4] x [0.0005] = [Column 5];
 3) If usage is in gallons: [Column 2] x [Column 3] x [Column 4] x [0.0005] = [Column 5];
- (b) Summation of [Column 5] in Tons;
- (c) 12-Month HDI emissions (e) from last month's Attachment E in Tons;
- (d) Monthly HDI emissions total (b) from the Previous Year's Attachment E in Tons; and
- (e) Calculate the New 12-Month Combined HDI emissions total. **A 12-Month HDI emissions total (e) of less than 0.02 tons for the installation indicates compliance.**

Attachment F
Monthly Phenol Tracking Record
Ozark Mountain Technologies, Incorporated
Crawford County, S31, T39N, R4W
Project Number: 2005-11-036
Installation ID Number: 055-0040
Permit Number:

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

Copy this sheet as needed

Column 1	Column 2 (a)	Column 3	Column 4	Column 5
Material Used (Name)	Amount of Material Used (Include Units)	Density (Pounds per Gallon)	Phenol Content (Weight %)	Phenol Emissions (Tons)
Unit Description	Throughput	Throughput Units	Emission Factor (lb/Unit)	
(b) Wood combustion		Hours	0.003	
(c) Total Phenol Emissions Calculated for this Month in Tons:				
(d) 12-Month Phenol Emissions Total from Previous Month's Attachment in Tons:				
(e) Monthly Phenol Emissions Total (b) from Previous Year's Attachment in Tons:				
(f) Current 12-month Total of Phenol Emissions in Tons: [(b) + (c) - (d)]				

- INSTRUCTIONS: Choose appropriate HAP calculation method for units reported:**
- (a) 1) If usage is in tons: [Column 2] x [Column 4] = [Column 5];
2) If usage is in pounds: [Column 2] x [Column 4] x [0.0005] = [Column 5];
3) If usage is in gallons: [Column 2] x [Column 3] x [Column 4] x [0.0005] = [Column 5];
 - (b) Enter the hours of operation; [Column 2] x [Column 4] x [0.0005] = [Column 5]
 - (c) Summation of [Column 5] in Tons;
 - (d) 12-Month Phenol emissions (e) from last month's Attachment F in Tons;
 - (e) Monthly Phenol emissions total (b) from the Previous Year's Attachment F in Tons; and
 - (f) Calculate the New 12-Month Combined HDI emissions total. **A 12-Month Phenol emissions total (e) of less than 0.1 tons for the installation indicates compliance.**

Attachment G
Monthly Hexavalent Chromium Tracking Record
 Ozark Mountain Technologies, Incorporated
 Crawford County, S31, T39N, R4W
 Project Number: 2005-11-036
 Installation ID Number: 055-0040
 Permit Number:

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

Copy this sheet as needed

Column 1	Column 2 (a)		Column 3	Column 4 (b)	Column 5 (c)	Column 6 (d)
Month	Hours of Operation		Emission Rate (lb/hr)	Monthly Hexavalent Chromium Emissions (pounds)	Total Monthly Hexavalent Chromium Emissions (tons)	12-Month Hexavalent Chromium Emissions (tons)
<i>Example</i>	Anodize	110	0.0018	0.198	0.00012	0.0014
	Boiler	720	0.000047	0.034		
	Anodize		0.0018			
	Boiler		0.000047			
	Anodize		0.0018			
	Boiler		0.000047			
	Anodize		0.0018			
	Boiler		0.000047			
	Anodize		0.0018			
	Boiler		0.000047			
	Anodize		0.0018			
	Boiler		0.000047			
	Anodize		0.0018			
	Boiler		0.000047			
	Anodize		0.0018			
	Boiler		0.000047			
	Anodize		0.0018			
	Boiler		0.000047			
	Anodize		0.0018			
	Boiler		0.000047			
	Anodize		0.0018			
	Boiler		0.000047			
	Anodize		0.0018			
	Boiler		0.000047			

INSTRUCTIONS: Choose appropriate HAP calculation method for units reported:

- (a) Enter the hours of operation for the chromic acid anodizing tank and the hours of operation of the wood-fired boiler in their respective blanks
- (b) Multiply the hours of operation by their corresponding emission rate.
- (c) Add the monthly emissions of the anodizing tank and the boiler and divide the sum by 2000.
- (d) Sum previous 11 [Column 5] + [Column 4] = [Column 5] **A 12-Month Hexavalent Chromium emissions total**

Attachment H

(e) of less than 0.002 tons for the installation indicates compliance.

Attachment J
Hazardous Air Pollutants Calculation Sheet
Ozark Mountain Technologies, Incorporated
Crawford County, S31, T39N, R4W
Project Number: 2005-11-036
Installation ID Number: 055-0040
Permit Number:

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

Copy this sheet as needed.

Column 1	Column 2	Column 3 (a)	Column 4	Column 5	Column 6 (b)	Column 7 (c)
Date	Material Used (Name, Type)	Application Rate (Gallons per hour)	Density (Pounds per gallon)	Individual HAP Content (Weight %)	Individual HAP Emissions (Tons per Year)	Screen Modeling Action Level (Tons per Year)

Instructions: Calculate the potential emissions of each individual HAP contained in the material

(a) Note: The maximum hourly design rate is equal to 6.547 gallons per hour combined for three paint booths.

(b) $[Column\ 3] \times [Column\ 4] \times [Column\ 5] \times [4.38] = [Column\ 6]$.

(c) Screen Modeling Action Levels for individual HAPs can be found in Attachment H. Compare potential emissions of the individual HAP in [Column 6] to those from [Column 7]. If [Column 6] is greater than [Column 7], obtain permission from Air Pollution Control program before using this material.

Attachment K: Screen Model Action Levels

Chemical	CAS#	Emission Threshold Levels (tons/year)	Synonyms
Acetaldehyde	75-07-0	9	Acetic Aldehyde, Aldehyde, Ethanal, Ethyl Aldehyde
Acetamide	60-35-5	1	Acetic Acid Amide, Ethanamide
Acetonitrile	75-05-8	4	Methyl Cyanide, Ethanenitrile, Cyanomethane
Acetophenone	98-86-2	1	Acetylbenzene, Methyl Phenyl Ketone, Hypnone
Acetylamino-fluorene, [2-]	53-96-3	0.005	N-2-Fluorenyl Acetamide, N-Fluorene-2-yl Acetamide, 2-Acetamideofluorene
Acrolein	107-02-8	0.04	Acrylaldehyde, Acrylic Aldehyde, Allyl Aldehyde, Propenal
Acrylamide	79-06-1	0.02	Propenamide, Acrylic Amide, Acrylamide Monomer, Ethylenecarboxamide
Acrylic Acid	79-10-7	0.6	Propenoic Acid, Ethylene Carboxylic Acid, Vinylformic Acid
Acrylonitrile	107-13-1	0.3	Vinyl Cyanide, Cyanoethylene, Propenenitrile
Allyl Chloride	107-05-1	1	1-Chloro-2-Propene, 3-Chloropropylene, Chloroallylene, Alpha-Propylene
Aminobiphenyl, [4-]	92-67-1	1	Biphenylene, P -Phenylaniline, Xenylamine, 4-Aminodiphenyl, 4-Biphenylamine
Aniline	62-53-3	1	Aminobenzene, Phenylamine, Aniline Oil, Aminophen, Arylamine
Anisidine, [Ortho-]	90-04-0	1	O-Methoxyaniline
Antimony Compounds (except those specifically listed)		5	Antimony (Pentachloride, Tribromide, Trichloride, Trifluoride)
Antimony Pentafluoride	7783-70-2	0.1	
Antimony Potassium Tartrate	28300-74-5	1	
Antimony Trioxide	1309-64-4	1	
Antimony Trisulfide	1345-04-6	0.1	
Arsenic and Inorganic Arsenic Compounds		0.005	Arsenic (Diethyl, Disulfide, Pentoxide, Trichloride, Trioxide, Trisulfide), Arsinine, Arsenous Oxide
Benz(a)Anthracene	56-55-3	0.01	
Benz(c)acridine	225-51-4	0.01	
Benzene	71-43-2	2	Benzol, Phenyl Hydride, Coal Naphtha, Phene, Benxole, Cyclohexatriene
Benzidine	92-87-5	0.0003	4,4'-Biphenyldiamine, P-Diaminodiphenyl, 4,4'-Diaminobiphenyl, Benzidine Base
Benzo(a)pyrene	50-32-8	0.01	

Chemical	CAS#	Emission Threshold Levels (tons/year)	Synonyms
Benzo(b)fluoranthene	205-992	0.01	
Benzotrichloride	98-07-7	0.006	Benzoic Trichloride, PhenylChloroform, Trichloromethylbenzene
Benzyl Chloride	100-44-7	0.1	Alpha-Chlorotoluene, Toly Chloride
Beryllium Compounds (except Beryllium Salts)		0.008	Beryllium (Acetate, Carbonate, Chloride, Fluoride, Hydroxide, Nitrate, Oxide)
Beryllium Salts		0.00002	
Bis(Chloroethyl)Ether	111-44-4	0.06	Dichloroethyl ether, Dichloroether, Dichloroethyl Oxide, BCEE
Bis(Chloromethyl)Ether	542-88-1	0.0003	BCME, Sym-Dichloromethyl ether, Dichloromethyl Ether, Oxybis-(Chloromethane)
Butadiene, [1,3-]	106-99-0	0.07	Biethylene, Biviny, Butadiene Monomer, Divinyl Erythrene, Vinylethylene
Butylene Oxide, [1,2-]	106-88-7	1	1,2-Epoxybutane, 1-Butene Oxide, 1,2-Butene Oxide, Butylene Oxide, Ethylethylene
Cadmium Compounds		0.01	Cadmium (Dust, Fume, Acetate, Chlorate, Chloride, Fluoride, Oxide, Sulfate, Sulfide)
Carbon Disulfide	75-15-0	1	Carbon Bisulfide, Dithiocarbonic Anhydride
Carbon Tetrachloride	56-23-5	1	Tetrachloromethane, Perchloromethane
Carbonyl Sulfide	463-58-1	5	Carbon Oxide Sulfide, Carbonoxysulfide
Catechol	120-80-9	5	Pyrocatechol, O-Dihydroxybenzene
Chloramben	133-90-4	1	3-Amino-2,5-Dichlorobenzoic Acid, Amben, Amiben*, Vegiben* (*Trademark)
Chlordane	57-74-9	0.01	ENT9932, Octachlor
Chlorine	7782-50-5	0.1	Bertholite
Chloroacetic Acid	79-11-8	0.1	Monochloroacetic Acid, Chloroethanoic Acid
Chloroacetophenone, [2-]	532-27-4	0.06	Phenacyl Chloride, Chloromethyl Phenyl Ketone, Tear Gas, Mace
Chlorobenzilate	510-15-6	0.4	Ethyl-4,4'-Dichlorobenzilate, Ethyl-4,4'-Dichlorophenyl Glycollate
Chloroform	67-66-3	0.9	Trichloromethane
Chloromethyl Methyl Ether	107-30-2	0.1	CMME, Methyl Chloromethyl Ether, Chloromethoxymethane, Monochloromethyl Ether
Chloroprene	126-99-8	1	2-Chloro-1,3-Butadiene, Chlorobutadiene, Neoprene Rubber Compound
Chromic Chloride	10025-73-	0.1	

Chemical	CAS#	Emission Threshold Levels (tons/year)	Synonyms
	7		
Chromium Compounds (except Hexavalent)		5	Chromium, Chromium(II) Compounds, Chromium (III) Compounds
Chromium Compounds, Hexavalent		0.002	Chromium (VI)
Chrysene	218-01-9	0.01	
Cobalt Carbonyl	12010-68-1	0.1	
Cobalt Metal (and compounds, except those specifically listed)		0.1	Cobalt (Bromide, Chloride, Diacetate, Formate, Nitrate, Oxide, Sulfamate)
Coke Oven Emissions	8007-45-2	0.03	Coal Tar, Coal Tar Pitch, Coal Tar Distillate
Cresol, [Meta-]	108-39-4	1	3-Cresol, M-Cresylic Acid, 1-Hydroxy-3-Methylbenzene, M-Hydroxytoluene
Cresol, [Ortho-]	95-48-7	1	2-Cresol, O-Cresylic Acid, 1-Hydroxy-2-Methylbenzene, 2-Methylphenol
Cresol, [Para-]	106-44-5	1	4-Cresol, P-Cresylic Acid, 1-Hydroxy-4-Methylbenzene, 4-Hydroxytoluene
Cresols/ Cresylic Acid (isomers and mixture)	1319-77-3	1	
Cyanide Compounds (except those specifically listed)	20-09-7	5	Cyanide (Barium, Chlorine, Free, Hydrogen, Potassium, Silver, Sodium, Zinc)
DDE (p,p'-Dichlorodiphenyl Dichloroethylene)	72-55-9	0.01	
Di(2-Ethylhexyl)Phthalate, (DEHP)	117-81-7	5	Bis(2-ethylhexyl)Phthalate, Di(2-Ethylhexyl)Phthalate, DOP, Di-Sec-Octyl Phthalate
Diaminotoluene, [2,4-]	95-80-7	0.02	2,4-Toluene Diamine, 3-Amino-Para-Toluidine, 5-Amino-Ortho-Toluidine
Diazomethane	334-88-3	1	Azimethylene, Diazirine
Dibenz(a,h)anthracene	53-70-3		
Dibenzofuran	132-64-9	5	Diphenylene Oxide
Dibenzopyrene, [1,2:7,8]	189-55-9		

Chemical	CAS#	Emission Threshold Levels (tons/year)	Synonyms
Dibromo-3-Chloropropane, [1,2-]	96-12-8	0.01	DBCP
Dibromomethane, [1,2-]	106-93-4	0.1	Ethylene Dibromide, Ethylene Bromide, Sym-Dibromoethane
Dichlorobenzene, [1,4-]	106-46-7	3	1,4-Dichloro-P-DCB, 1-4-DCB, PDB, PDCB
Dichlorobenzidene, [3,3-]	91-94-1	0.2	4,4'-Diamino-3,3'-Dichlorobiphenyl, 3,3'-Dichlorobiphenyl-4,4'-Diamine, DCB
Dichloroethane, [1,1-]	75-34-3	1	Ethylidene Dichloride, 1,1-Ethylidene Dichloride, Asymmetrical Dichloroethane
Dichloroethane, [1,2-]	107-06-2	0.8	Ethylene Dichloride, Glycol Dichloride, Ethylene Chloride
Dichloroethylene, [1,1-]	75-35-4	0.4	Vinylidene Chloride, DCE, VDC
Dichloropropane, [1,2-]	78-87-5	1	Propylene Dichloride
Dichloropropene [1,3-]	542-75-6	1	1,3-Dichloropropylene, Alpha-Chlorallyl Chloride
Dichlorvos	62-73-7	0.2	DDVP, 2,2-Dichlorovinyl dimethylphosphate
Diethanolamine	11-42-2	5	Bis(2-Hydroxyethyl)Amine, 2,2'-Dihydroxydiethylamine, Di(2-Hydroxyethyl)Amine
Diethyl Sulfate	64-67-5	1	Diethyl Ester Sulfuric Acid, Ethyl Sulfate
Dimethoxybenzidine, [3,3-]	119-90-4	0.1	Fast Blue B Base, Dianisidine, O-Dianisidine
Dimethylbenz(a)anthracene, [7,12]	57-97-6	0.01	
Dimethyl Benzidine, [3,3-]	119-93-7	0.008	O-Tolidine, Dianisidine, 4,4'-Diamino-3,3'-Dimethylbiphenyl, Diaminoditoyl
Dimethyl Carbamoyl Chloride	79-44-7	0.02	DMCC, Chloroformic Acid Dimethyl Amide, Dimethyl Carbamyl Chloride
Dimethyl Formamide	68-12-2	1	DMF, Formyldimethylamine
Dimethyl Hydrazine, [1,1-]	57-14-7	0.008	Unsymmetrical Dimethylhydrazine, UDMH, Dimazine
Dimethyl Sulfate	77-78-1	0.1	Sulfuric Acid Dimethyl Ester, Methyl Sulfate
Dimethylaminoazobenzene, [4-]	60-11-7	1	N,N-Dimethyl-P-Phenylazo-Aniline, Benzeneazo Dimethylaniline
Dimethylaniline, [N,N-]	121-69-7	1	N,N-Diethyl Aniline, N,N-Dimethylphenylamine, DMA
Dinitro-O-Cresol, [4,6-] and	534-52-1	0.1	DNOC, 3,5-Dinitro-O-Cresol, 2-Methyl-4,6-Dinitrophenol

Chemical	CAS#	Emission Threshold Levels (tons/year)	Synonyms
salts			
Dinitrophenol, [2,4-]	51-28-5	1	DNP
Dinitrotoluene, [2,4-]	121-14-2	0.02	Dinitrotoluol, DNT, 1-Methyl-2,4-Dinitrobenzene
Dioxane, [1,4-]	123-91-1	6	1,4-Diethyleneoxide, Diethylene Ether, P-Dioxane
Diphenylhydrazine, [1,2-]	122-66-7	0.09	Hydrazobenzene, N,N'-Diphenylhydrazine, N,N'-Bianiline, 1,1'-Hydrodibenzene
Diphenylmethane Diisocyanate, [4,4-]	101-68-8	0.1	Methylene Bis(Phenylisocyanate), Methylene Diphenyl Diisocyanate, MDI
Epichlorohydrin	106-89-8	2	1-Chloro-2,3-Epoxypropane, EPI, Chloropropylene Oxide, Chloromethyloxirane
Ethyl Acrylate	140-88-5	1	Ethyl Propenoate, Acrylic Acid Ethyl Ester
Ethylene Imine (Aziridine)	151-56-4	0.003	Azacyclopropane, Dimethyleneimine, Ethylenimine, Vinylamine, Azirane
Ethylene Oxide	75-21-8	0.1	1,2-Epoxyethane, Oxirane, Dimethylene Oxide, Anprolene
Ethylene Thiourea	96-45-7	0.6	2-Imidazolidinethione, ETU
Fluomine	62207-76-5	0.1	
Formaldehyde	50-00-0	2	Oxymethylene, Formic Aldehyde, Methanal, Methylene Oxide, Oxomethane
Glycol Ethers (except those specifically listed)		5	
Heptachlor	76-44-8	0.02	1,4,5,6,7,8,8A-Heptachloro-3A,4,7,7A-Tetrahydro-4,7-Methanoindiene
Hexachlorobenzene	118-74-1	0.01	Perchlorobenzene, HCB, Pentachlorophenyl Benzene, Phenyl Perchloryl
Hexachlorobutadiene	87-68-3	0.9	Perchlorobutadiene, 1,3-Hexachlorobutadiene, HCB
Hexachlorocyclopentadiene	77-47-4	0.1	HCCPD, HEX
Hexachloroethane	67-72-1	5	Perchloroethane, Carbon Hexachloride, HCE, 1,1,1,2,2,2-Hexachloroethane
Hexamethylene Diisocyanate, 1,6-	822-06-0	0.02	1,6-Diisocyanatohexane, 1,6-Hexanediol Diisocyanate
Hexamethylphosphoramide	680-31-9	0.01	Hexamethylphosphoric Triamide, HEMPA, Hexametapol, Hexamethylphosphoramide
Hydrazine	302-01-2	0.004	Methylhydrazine, Diamide, Diamine, Hydrazine Base
Hydrogen Fluoride	7664-39-3	0.1	Hydrofluoric Acid Gas, Fluorhydric Acid Gas, Anhydrous Hydrofluoric Acid
Hydrogen Selenide	7783-07-5	0.1	

Chemical	CAS#	Emission Threshold Levels (tons/year)	Synonyms
Hydroquinone	123-31-9	1	Quinol, Hydroquinol, P-Diphenol, 1,4-Benzenediol, Hydrochinone, Arctivin
Indeno(1,2,3-cd)Pyrene	193-39-5	0.01	
Lead and Compounds (except those specifically listed)	20-11-1	0.01	Lead (Acetate, Arsenate, Chloride, Fluoride, Iodide, Nitrate, Sulfate, Sulfide)
Lindane [Gamma-Hexachlorocyclohexane]	58-89-9	0.01	Benzene Hexachloride – Gamma Isomer
Maleic Anhydride	108-31-6	1	2,5-Furandiene, Cis-Butenedioic Anhydride, Toxilic Anhydride
Manganese and Compounds (except those specifically listed)	20-12-2	0.8	Manganese (Acetate, Chloride, Dioxide, (II)-Oxide, (III)-Oxide, (II)-Sulfate)
Mercury Compounds (except those specifically listed)	20-13-3	0.01	Mercury Compounds (Methyl-, Ethyl-, Phenyl-)
Mercury Compounds (Inorganic)	20-13-3	0.01	Mercury (Chloride, Cyanide, (I,II)-[Bromide, Iodide, Nitrate, Sulfate], Oxide)
Methyl Hydrazine	60-34-4	0.06	Monomethylhydrazine, Hydrozomethane, 1-Methylhydrazine
Methyl Iodide	74-88-4	1	Idomethane
Methyl Isocyanate	624-83-9	0.1	Isocyanatomethane, Isocyanic Acid, Methyl Ester
Methylcyclopentadienyl Manganese	12108-13-3	0.1	
Methylene Bis(2-Chloroaniline), [4,4-]	101-14-4	0.2	Curene, MOCA, 4,4'-Diamino-3,3'-Dichlorodiphenylmethane
Methylenedianiline, [4,4-]	101-77-9	1	4,4'-Diaminodipheylmethane, DDM, MDA, Bis(4-Aminophenyl)Methane, DAPM
Nickel Carbonyl	13463-39-3	0.1	
Nickel Compounds (except those specifically listed)		1	Nickel (Acetate, Ammonium Sulfate, Chloride, Hydroxide, Nitrate, Oxide, Sulfate)
Nickel Refinery Dust	12035-72-	0.08	

Chemical	CAS#	Emission Threshold Levels (tons/year)	Synonyms
	2		
Nickel Subsulfide		0.04	
Nitrobenzene	98-95-3	1	Nitrobenzoil, Oil of Mirbane, Oil of Bitter Almonds
Nitrobiphenyl, [4-]	92-93-3	1	4-Nitrodiphenyl, P-Nitrobiphenyl, P-Nitrophenyl, PNB
Nitrophenol, [4-]	100-02-7	5	4-Hydroxynitrobenzene, Para-Nitrophenol
Nitropropane, [2-]	79-46-9	1	Dimethylnitromethane, Sec-Nitropropane, Isonitropropane, Nitroisopropane
Nitroso-N-Methylurea, [N-]	684-93-5	0.0002	N-Methyl-N-Nitrosourea, N-Nitroso-N-Methylcarbamide
Nitrosodimethylamine, [N-]	62-75-9	0.001	Dimethylnitrosamine, DMN, DMNA
Nitrosomorpholine, [N-]	59-89-2	1	4-Nitrosomorpholine
Parathion	56-38-2	0.1	DNTP, Monothiophosphate, Diethyl-P-Nitrophenyl
PCB (Polychlorinated Biphenyls)	1336-36-3	0.009	Aroclors
Pentachloronitrobenzene	82-68-8	0.3	Quintobenzene, PCNB, Quiniozene
Pentachlorophenol	87-86-5	0.7	PCP, Penchlorol, Pentachlorophenate, 2,3,4,5,6-Pentachlorophenol
Phenol	108-95-2	0.1	Carbolic Acid, Phenic Acid, Phenylic Acid, Phenyl Hydrate, Hydroxybenzene
Phenyl Mercuric Acetate	62-38-4	0.01	
Phosgene	75-44-5	0.1	Carbonyl Chloride, Carbon Oxychloride, Carbonic Acid Dichloride
Phosphine	7803-51-2	5	Hydrogen Phosphide, Phosphoretted Hydrogen, Phosphorus Trihydride
Phosphorous (Yellow or White)	7723-14-0	0.1	
Phthalic Anhydride	85-44-9	5	Phthalic Acid Anhydride, Benzene-O-Dicarboxylic Acid Anhydride, Phthalandione
Polycyclic Organic Matter (except those specifically listed)	TP15	0.01	POM, PAH, Polyaromatic Hydrocarbons,
Potassium Cyanide	151508	0.1	
Propane Sultone, [1,3-]	1120-71-4	0.03	1,2-Oxathiolane-2,2-Dioxide, 3-Hydroxy-1-Propanesulphonic Acid Sultone
Propiolactone, [Beta-]	57-57-8	0.1	2-Oxeatanone, Propiolactone, BPL, 3-Hydroxy-B-Lactone-Propanoic Acid
Propionaldehyde	123-38-6	5	Propanal, Propyl Aldehyde, Propionic Aldehyde

Chemical	CAS#	Emission Threshold Levels (tons/year)	Synonyms
Propylene Oxide	75-56-9	5	1,2-Epoxypropane, Methylethylene Oxide, Methyl Oxirane, Propene Oxide
Propyleneimine, [1,2-]	75-55-8	0.003	2-Methyl Aziridine, 2-Methylazacyclopropane, Methylethyleneimine
Quinoline	91-22-5	0.006	1-Azanaphthalene, 1-Benzazine, Benzo(B)Pyridine, Chinoleine, Leucoline
Quinone	016-51-4	5	Benzoquinone, Chinone, P-Benzoquinone, 1,4-Benzoquinone
Selenium and Compounds (except those specifically listed)	7782-49-2	0.1	Selenium (Metal, Dioxide, Disulfide, Hexafluoride, Monosulfide)
Sodium Cyanide	143339	0.1	
Sodium Selenate	13410010	0.1	
Sodium Selenite	101020188	0.1	
Styrene	100-42-5	1	Cinnamene, Cinnamol, Phenethylene, Phenylethylene, Vinylbenzene
Styrene Oxide	96-09-3	1	Epoxyethylbenzene, Phenylethylene Oxide, Phenyl Oxirane, Epoxystyrene
Tetrachlorodibenzo-P-Dioxin	1746-01-6	6.00E-07	
Tetrachloroethane, [1,1,2,2-]	79-34-5	0.3	Sym-Tetachloroethane, Acetylene Tetrachloride, Ethane Tetrachloride
Tetraethyl Lead	78-00-2	0.01	
Tetramethyl Lead	75-74-1	0.01	
Titanium Tetrachloride	7550-45-0	0.1	Titranium Chloride
Toluene Diisocyanate, [2,4-]	584-84-9	0.1	TDI, Tolyene Diisocyanate, Diisocyanatoluene
Toluidine, [Ortho-]	95-53-4	4	Ortho-Aminotoluene, Ortho-Methylaniline, 1-Methyl-1,2-Aminobenzene
Toxaphene	8001-35-2	0.01	Chlorinated Camphene, Campechlor, Polychlorcamphene
Trichloroethane, [1,1,2-]	79-00-5	1	Vinyl Trichloride, Beta-Trichloroethane
Trichlorophenol, [2,4,5-]	95-95-4	1	2,4,5-TCP
Trichlorophenol, [2,4,6-]	88-06-2	6	2,4,6-TCP
Trifluralin	1582-09-8	9	2,6-Dinitro-N-N-Dipropyl-4-(Trifluoromethyl)Benzeneamine

Chemical	CAS#	Emission Threshold Levels (tons/year)	Synonyms
Trimethylpentane, [2,2,4-]	540-84-1	5	Isobutyltrimethylethane, Isoctane
Urethane [Ethyl Carbamate]	51-79-6	0.8	Ethyl Urethane, O-Ethylurethane, Leucothane, NSC 746, Urethan
Vinyl Acetate	108-05-4	1	Acetic Acid Vinyl Ester, Vinyl Acetate Monomer, Ethenyl Ethanoate
Vinyl Bromide	593-60-2	0.6	Bromoethylene, Bromoethene
Vinyl Chloride	75-01-4	0.2	Chloroethylene, Chloroethene, Monochloroethylene

Mr. Greg Smotherman, Sr.
President
Ozark Mountain Technologies, Inc.
106 Midland Drive
Cuba, MO 65453

RE: New Source Review Permit - Project Number: 2007-09-044

Dear Mr. Smotherman:

Enclosed with this letter is your permit to construct. Please study it carefully. 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 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 me at (573) 751-4817, or you may write to me at the Department of Natural Resources, Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102.

Thank you,

AIR POLLUTION CONTROL PROGRAM

Kendall B. Hale
New Source Review Unit Chief

KBH:mm ct first initial

Enclosures

c: Southeast Regional Office
PAMS File 2007-09-044

Permit Number: