

# ADEQ MINOR SOURCE AIR PERMIT

Permit #: 1672-AR-1

IS ISSUED TO:

CoorsTek Arkansas Operations  
3315 Boone Road  
Benton, AR 72015  
Saline County  
AFIN: 63-00164

THIS PERMIT IS ACI-Coors Technical Ceramics Co.'s AUTHORITY TO CONSTRUCT, MODIFY, OPERATE, AND/OR MAINTAIN THE EQUIPMENT AND/OR FACILITY IN THE MANNER AS SET FORTH IN THE DEPARTMENT'S MINOR SOURCE AIR PERMIT AND THE APPLICATION. THIS PERMIT IS ISSUED PURSUANT TO THE PROVISIONS OF THE ARKANSAS WATER AND AIR POLLUTION CONTROL ACT (ARK. CODE ANN. SEC. 8-4-101 ET SEQ.) AND THE REGULATIONS PROMULGATED THEREUNDER, AND IS SUBJECT TO ALL LIMITS AND CONDITIONS CONTAINED HEREIN.

Signed:

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Keith A. Michaels

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Date

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**Section I: FACILITY INFORMATION**

PERMITTEE: CoorsTek Arkansas Operations

AFIN: 63-00164

PERMIT NUMBER: 1672-AR-1

FACILITY ADDRESS: 3315 Boone Road  
Benton, AR 72015

COUNTY: Saline

CONTACT POSITION: Bob Gasper

TELEPHONE NUMBER: (501) 776-5530

REVIEWING ENGINEER: Siew Low

UTM North-South (Y) Zone 15 [3828.5]

UTM East-West (X): Zone 15 [541.5]

## Section II: INTRODUCTION

### Summary

CoorsTek Arkansas Operations owns and operates a high tech ceramic manufacturing plant located at 3315 Boone Road, Benton, AR 72015. The facility was previously classified as a Title V source. No physical changes are being proposed by the facility.

### Process Description

The facility has four natural gas-fired continuous tunnel kilns and two natural gas fired periodic kilns for firing ceramic parts. There is also one very small natural gas fired test kiln which is not in service. The kilns are operated from ambient temperature up to 1700 °C. Typical firing temperatures are 1465 to 1680 °C.

### Natural Gas Fired Ceramic Kilns

#### Ceramic Alumina Products

Powder is delivered to a storage area and remains there until scheduled for pressing based on customer specifications. The powder is blended, and then is pressed into machinable parts by either isopress or dry press. Isopress parts are machined. Pressed/machined parts are then routed to either a tunnel kiln (SN-04 through SN-07) or a periodic kiln (SN-01 and SN-02) for firing depending on the size of the part. Parts are then tumbled, de-burred, and inspected for flaws in the shake and dye process. Parts are inspected and routed to the wet grinding area to be machined to a final dimensional tolerance. Ground parts are lapped and polished for the customer required surface finish.

Alumina ceramic materials are fired in the kilns on a batch and custom basis. The amount and type of product materials processed are highly variable. Various organic binders are used in formulating the ceramic powder raw material. The amount of binder varies, but does not exceed 6.5% of the raw material. Raw materials for the formed “green” ceramic parts consist of alumina oxide mixed with the binder.

#### Silicon Carbide Nitride Bonded Ceramic Products

CoorTek #1 kiln operates at normal atmospheric pressure with nitrogen atmosphere instead of air. The nitrogen environment is necessary for the chemical process used to produce silicon carbide-bonded ceramic product. The nitrogen is integral to the chemical process to form silicon nitride.

Raw materials are batched into a mortar-like consistency and stored in 35-gallon plastic cans. The material is then cast into plaster molds using vibrating tables to allow the material to flow into the mold. The material is allowed to dry in the mold until sufficient green strength allows the part to be removed. After removal from the mold, the part is then allowed to further air dry and then further dry in a heated room to remove all the moisture. The parts are then loaded into

a muffled box and seal using standard refractory mortar. The parts are then fired in a gas-fired kiln with nitrogen gas flowing into the muffled box to create the silicon nitride phase within the part. The parts are then removed and pressure washed to remove excess nitrogen in the form of a heavy white residue on the surface of the parts. The parts are then inspected and shipped.

### Spray Dryer and Silicon Carbide Electric Vacuum Furnaces

Eight periodic electric-powered vacuum furnaces are used to produce silicon carbide products. The silicon carbide components are produced using organic binders. A variety of raw material is prepared in the spray dryer.

#### Silicon Carbide Reaction Bonded Process

Raw materials are delivered to the storage area and remain there until scheduled for the spray dryer. Once scheduled, the material is blended into slurry and sprayed into the spray dryer (SN-03) to form a powder. The powder is screened and stored in 55 gallon drums. The powder is pressed into machinable parts by an isopress or dry press, compacting ceramic powder into a solid shape/form. Machined parts are routed to a cure oven (SN-08) to remove moisture, binders, and de-wax. The material is fired (reacting or sintering ceramic) in the electric vacuum furnaces (SN-08) using silicon metal setters to infiltrate the part. Silicon carbide parts are sandblasted to remove excess silicon metal that builds up on the outside of the reaction bond surface during the firing process. Parts are inspected and routed to the wet grinding area to be machined to a final dimensional tolerance. Ground parts are lapped and polished for the customer required surface finish.

### Regulations

The facility is subject to regulation under Regulation 18, *Arkansas Air Pollution Control Code*, dated February 15, 1999, and Regulation 19, *Regulations of the Arkansas Plan of Implementation for Air Pollution Control*, dated February 15, 1999.

The following table is a summary of the facility's total allowable emissions.

**Table 1 - Total Allowable Emissions**

Total Allowable Emissions		
Pollutant	Emissions Rates	
	lb/hr	tpy
PM	2.1	5.5
PM <sub>10</sub>	2.1	5.5
SO <sub>2</sub>	2.3	8.9
VOC	9.3	30.4
CO	8.5	35.8
NO <sub>x</sub>	3.9	15.5
NH <sub>3</sub>	0.2	0.2
<i>Glycol Butyl Ether</i>	1.0	1.0

*Italic – indicates Hazardous Air Pollutant*

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### **Section III: PERMIT HISTORY**

Permit # 1672-A was the first permit issued to ACI on May 8, 1996. This permit established permitted emission limits at 3.0 tons per year PM/PM<sub>10</sub>, 3.0 tons per year SO<sub>2</sub>, 104.1 tons per year VOC, 3.0 tons per year CO, 5.5 tons per year NO<sub>x</sub>, 3.0 tons per year methane, and 0.1 tons per year NH<sub>3</sub>.

Permit #1672-AOP-R0 was the first Title V permit issued to ACI-Coors Technical Ceramics on April 15, 1998. This permit established permitted emission limits at 101.2 tpy VOC and 0.1 tpy NH<sub>3</sub>.

**SECTION IV: EMISSION UNIT INFORMATION**

**Specific Conditions**

1. The permittee will not exceed the emission rates set forth in the following table. [§19.501 et seq. of the Regulations of the Arkansas Plan of Implementation for Air Pollution Control]

**Table 2 - Criteria Pollutants**

<b>SN</b>	<b>Description</b>	<b>Pollutant</b>	<b>lb/hr</b>	<b>Tpy</b>
01	Wilbanks Periodic Kiln #3 (Twelve 200ft <sup>3</sup> /hr burners)	PM <sub>10</sub>	0.1	0.6
		SO <sub>2</sub>	0.1	1.0
		VOC	0.7	8.3
		NO <sub>x</sub>	0.6	7.4
		CO	1.8	23.1
02	CoorsTek Periodic Kiln #1 (Twenty four 200ft <sup>3</sup> /hr burners)	PM <sub>10</sub>	0.1	
		SO <sub>2</sub>	0.2	
		VOC	1.3	
		NO <sub>x</sub>	1.2	
		CO	3.6	
03	Spray Dryer	PM <sub>10</sub>	0.1	0.1
04	Lindberg L32 (Eighteen 300ft <sup>3</sup> /hr burners)	PM <sub>10</sub>	0.5	4.2
		SO <sub>2</sub>	0.8	7.9
		VOC	2.0	19.6
		NO <sub>x</sub>	0.9	8.1
		CO	1.3	12.7
05	Lindberg L30 (Fourteen 250ft <sup>3</sup> /hr burners)	PM <sub>10</sub>	0.3	
		SO <sub>2</sub>	0.6	
		VOC	1.3	
		NO <sub>x</sub>	0.6	
		CO	0.9	
06	Harrop L36 (Twelve 115ft <sup>3</sup> /hr burners)	PM <sub>10</sub>	0.2	
		SO <sub>2</sub>	0.3	
		VOC	0.6	
		NO <sub>x</sub>	0.3	
		CO	0.4	
07	Lindberg L34 (Eight 225ft <sup>3</sup> /hr burners)	PM <sub>10</sub>	0.2	
		SO <sub>2</sub>	0.3	
		VOC	0.7	
		NO <sub>x</sub>	0.3	
		CO	0.5	
08	Cure Oven and Silicon Carbide Electric Vacuum Furnaces	VOC	2.5	2.5

10	Green Turn, High Vol. Dry Press Baghouse	PM <sub>10</sub>	0.1	0.1
11	Vacuum System (DC) For Dry Press Baghouse	PM <sub>10</sub>	0.1	0.1
12	SiC #1 Green Form & RB, Torit Downflo Baghouse	PM <sub>10</sub>	0.1	0.1
13	SiC #2 Sand Blast, Torit Downflo Baghouse	PM <sub>10</sub>	0.1	0.1
14	SiC #3 Slip Cast, Torit Downflo Baghouse	PM <sub>10</sub>	0.1	0.1
15	Small Lab Spray Dryer Baghouse	PM <sub>10</sub>	0.1	0.1

2. The permittee will not exceed the emission rates set forth in the following table. [§18.801 of the Arkansas Air Pollution Control Code, effective February 15, 1999 (Regulation 18) and A.C.A. §8-4-203 as referenced by '8-4-304 and §8-4-311]

**Table 3 – Non-Criteria Pollutants**

SN	Description	Pollutant	lb/hr	tpy
01	Wilbanks Periodic Kiln #3 (Twelve 200ft <sup>3</sup> /hr burners)	PM	0.1	0.6
02	CoorsTek Periodic Kiln #1 (Twenty four 200ft <sup>3</sup> /hr burners)	PM	0.1	
03	Spray Dryer	PM NH <sub>3</sub>	0.1 0.2	0.1 0.2
04	Lindberg L32 (Eighteen 300ft <sup>3</sup> /hr burners)	PM	0.5	4.2
05	Lindberg L30 (Fourteen 250ft <sup>3</sup> /hr burners)	PM	0.3	
06	Harrop L36 (Twelve 115ft <sup>3</sup> /hr burners)	PM	0.2	
07	Lindberg L34 (Eight 225ft <sup>3</sup> /hr burners)	PM	0.2	
09	Alumina Washing Line	Glycol Ether (CAS #: 111-76-2)	0.3	
10	Green Turn, High Vol. Dry Press Baghouse	PM	0.1	0.1
11	Vacuum System (DC) For Dry Press Baghouse	PM	0.1	0.1
12	SiC #1 Green Form & RB, Torit Downflo Baghouse	PM	0.1	0.1
13	SiC #2 Sand Blast, Torit Downflo Baghouse	PM	0.1	0.1
14	SiC #3 Slip Cast, Torit Downflo Baghouse	PM	0.1	0.1
15	Small Lab Spray Dryer Baghouse	PM	0.1	0.1

3. Visible emissions will not exceed the limits specified in the following table of this permit as measured by EPA Reference Method 9. [A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

**Table 4 - Visible Emissions**



SN	Limit	Regulatory Citation
01, 02, 03, 04, 05, 06, 07, 10, 11, 12, 13, 14, and 15.	5%	§18.501

4. The permittee will not cause or permit the emission of air contaminants, including odors or water vapor and including an air contaminant whose emission is not otherwise prohibited by Regulation #18, if the emission of the air contaminant constitutes air pollution within the meaning of A.C.A. §8-4-303. [§18.801 of Regulation 18, and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-31]
5. The permittee will not conduct operations in such a manner as to unnecessarily cause air contaminants and other pollutants to become airborne. [§18.801 of Regulation 18, and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

***SN-01, SN-02, SN-04, SN-05, SN-06, and SN-07***

6. The permittee will only use only pipeline quality natural gas for the burners. [A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311 and 40 CFR 70.6]

***Spray Dryer (SN-03) and Silicon Carbide Electric Vacuum Furnaces (SN-08)***

7. The permittee will not process more than 60,000 pounds of Aquadag at the facility per consecutive 12-month period. [§19.705 of Regulation 19 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
8. The permittee will maintain monthly records which demonstrate compliance with Specific Condition #7. The permittee will update the records by the fifteenth day of the month following the month to which the records pertain. The permittee will keep the records onsite, and make the records available to Department personnel upon request. [§19.705 of Regulation 19 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
9. The permittee will not process more than 70,000 pounds of SC30 at the facility per consecutive 12-month period. [§19.705 of Regulation 19 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
10. The permittee will use SC30 containing no more than 7 weight % organic binder at the facility per consecutive 12-month period. [§19.705 of Regulation 19 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
11. The permittee will maintain monthly records which demonstrate compliance with Specific Condition #9 and #10. The permittee will update the records by the fifteenth day of the month following the month to which the records pertain. The permittee will keep the records onsite, and make the records available to Department personnel upon request. [§19.705 of Regulation 19 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

***Alumina Washing Line***

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12. The permittee will not use more than 37,950 pounds of BD-20 soap at the facility per consecutive 12-month period. [§19.705 of Regulation 19 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
13. Glycol butyl ether content in the BD-20 soap will be less than 5 percent by weight. [§19.705 of Regulation 19 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
14. The permittee will maintain monthly records and MSDS data which demonstrate compliance with Specific Condition #12 and #13. The permittee will update the records by the fifteenth day of the month following the month to which the records pertain. The permittee will keep the records and MSDS data onsite, and will make them available to Department personnel upon request. [§19.705 of Regulation 19 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]



## SECTION V: INSIGNIFICANT ACTIVITIES

The Department deems the following types of activities or emissions as insignificant on the basis of size, emission rate, production rate, or activity in accordance with Group A of the Insignificant Activities list found in Regulation 18 and 19 Appendix A. Insignificant activity emission determinations rely upon the information submitted by the permittee in an application dated January 11, 2003.

**Table 5 - Insignificant Activities**

<b>Description</b>	<b>Category</b>
Alumina Lap and Polish	A-13
Alumina shake and dye	A-13
Alumina grinding	A-13
Silicon Lap and Polish	A-13
Blueline water solvent degreaser	A-13
Foam for packing part in nitrite area	A-13
Welding operations	A-13

## Section VI: GENERAL CONDITIONS

1. Any terms or conditions included in this permit that specify and reference Arkansas Pollution Control & Ecology Commission Regulation 18 or the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 *et seq.*) as the sole origin of and authority for the terms or conditions are not required under the Clean Air Act or any of its applicable requirements, and are not federally enforceable under the Clean Air Act. Arkansas Pollution Control & Ecology Commission Regulation 18 was adopted pursuant to the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 *et seq.*). Any terms or conditions included in this permit that specify and reference Arkansas Pollution Control & Ecology Commission Regulation 18 or the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 *et seq.*) as the origin of and authority for the terms or conditions are enforceable under this Arkansas statute.
2. This permit does not relieve the owner or operator of the equipment and/or the facility from compliance with all applicable provisions of the Arkansas Water and Air Pollution Control Act and the regulations promulgated under the Act. [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
3. The permittee will notify the Department in writing within thirty (30) days after commencement of construction, completion of construction, first operation of equipment and/or facility, and first attainment of the equipment and/or facility target production rate. [§19.704 of the Regulations of the Arkansas Plan of Implementation for Air Pollution Control (Regulation 19) and/or A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
4. Construction or modification must commence within eighteen (18) months from the date of permit issuance. [§19.410(B) of Regulation 19 and/or §18.309(B) of the Arkansas Air Pollution Control Code (Regulation 18) and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
5. The permittee must keep records for five years to enable the Department to determine compliance with the terms of this permit--such as hours of operation, throughput, upset conditions, and continuous monitoring data. The Department may use the records, at the discretion of the Department, to determine compliance with the conditions of the permit. [§19.705 of Regulation 19 and/or §18.1004 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
6. A responsible official must certify any reports required by any condition contained in this permit and submit any reports to the Department at the address below. [§19.705 of Regulation 19 and/or §18.1004 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

Arkansas Department of Environmental  
Quality  
Air Division  
ATTN: Compliance Inspector Supervisor  
Post Office Box 8913  
Little Rock, AR 72219

7. The permittee will test any equipment scheduled for testing, unless stated in the Specific Conditions of this permit or by any federally regulated requirements, within the following time frames: (1) newly constructed or modified equipment within sixty (60) days of achieving the maximum production rate, but no later than 180 days after initial start-up of the permitted source or (2) existing equipment already operating according to the time frames set forth by the Department. The permittee must notify the Department of the scheduled date of compliance testing at least fifteen (15) days in advance of such test. The permittee must submit compliance test results to the Department within thirty (30) days after the completion of testing. [§19.702 of Regulation 19 and/or §18.1002 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
8. The permittee will provide: [§19.702 of Regulation 19 and/or §18.1002 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
  - a. Sampling ports adequate for applicable test methods
  - b. Safe sampling platforms
  - c. Safe access to sampling platforms
  - d. Utilities for sampling and testing equipment
9. The permittee will operate equipment, control apparatus and emission monitoring equipment within their design limitations. The permittee will maintain in good condition at all times equipment, control apparatus and emission monitoring equipment. [§19.303 of Regulation 19 and/or §18.1104 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
10. Pursuant to, if the permittee exceeds an emission limit established by this permit, the permittee will be deemed in violation of said permit and will be subject to enforcement action. The Department may forego enforcement action for emissions exceeding any limits established by this permit provided the following requirements are met: [§19.601 of Regulation 19 and/or §18.1101 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
  - a. The permittee demonstrates to the satisfaction of the Department that the emissions resulted from an equipment malfunction or upset and are not the result of negligence or improper maintenance, and the permittee took all reasonable measures to immediately minimize or eliminate the excess emissions.
  - b. The permittee reports the occurrence or upset or breakdown of equipment (by telephone, facsimile, or overnight delivery) to the Department by the end of the next business day after the occurrence or the discovery of the occurrence.

- c. The permittee must submit to the Department, within five business days after the occurrence or the discovery of the occurrence, a full, written report of such occurrence, including a statement of all known causes and of the scheduling and nature of the actions to be taken to minimize or eliminate future occurrences, including, but not limited to, action to reduce the frequency of occurrence of such conditions, to minimize the amount by which said limits are exceeded, and to reduce the length of time for which said limits are exceeded. If the information is included in the initial report, it need not be submitted again.
11. The permittee shall allow representatives of the Department upon the presentation of credentials: [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
  - d. To enter upon the permittee's premises, or other premises under the control of the permittee, where an air pollutant source is located or in which any records are required to be kept under the terms and conditions of this permit
  - e. To have access to and copy any records required to be kept under the terms and conditions of this permit, or the Act
  - f. To inspect any monitoring equipment or monitoring method required in this permit
  - g. To sample any emission of pollutants
  - h. To perform an operation and maintenance inspection of the permitted source
12. The Department issued this permit in reliance upon the statements and presentations made in the permit application. The Department has no responsibility for the adequacy or proper functioning of the equipment or control apparatus. [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
13. The Department may revoke or modify this permit when, in the judgment of the Department, such revocation or modification is necessary to comply with the applicable provisions of the Arkansas Water and Air Pollution Control Act and the regulations promulgated the Arkansas Water and Air Pollution Control Act. [§19.410(A) of Regulation 19 and/or §18.309(A) of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
14. This permit may be transferred. An applicant for a transfer must submit a written request for transfer of the permit on a form provided by the Department and submit the disclosure statement required by Arkansas Code Annotated §8-1-106 at least thirty (30) days in advance of the proposed transfer date. The permit will be automatically transferred to the new permittee unless the Department denies the request to transfer within thirty (30) days of the receipt of the disclosure statement. The Department may deny a transfer on the basis of the information revealed in the disclosure statement or other investigation or, deliberate falsification or omission of relevant information. [§19.407(B) of Regulation 19 and/or §18.307(B) of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
15. Pursuant to, this permit shall be available for inspection on the premises where the control apparatus is located. [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

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16. This permit authorizes only those pollutant emitting activities addressed herein.  
[A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
17. This permit supersedes and voids all previously issued air permits for this facility.  
[Regulation 18 and 19 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
18. The permittee must pay all permit fees in accordance with the procedures established in Regulation No. 9. [A.C.A §8-1-105(c)]

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19.



Request for PDS Invoice				
Invoice Number <i>(assigned when invoice printed)</i>	PDS-			
AFIN r	63-00164			
Name <i>(for confirmation only)</i>	CoorsTek Arkansas Operations			
Invoice Type (pick one) r	Initial X	Mod	Variance	
	Annual	Renewal	Interim Authority	
Permit Number r	1672-AR-1			
Media Code r	A			
Fee Code or Pmt Typer	MS			
Fee Description <i>(for confirmation only)</i>	Minor Source			
Amount Due r <i>(whole dollar amount only)</i>	\$714			
Printed Comment <i>(600 characters maximum)</i>	35.8 tpy x \$19.93 /ton = \$714			
<i>Note: The information below is for use by the requesting division if desired; it will not print on the invoice.</i>				
Engineer	Siew Low			
Paid? (yes/no)				
Check number				
Comments				
r <b>Required data</b> (See "g:\Misc\PDS_FeeCodes.wpd" for descriptions and discussions of fee codes)				
Request submitted by:		Date:		

## Public Notice

Pursuant to the Arkansas Operating Air Permit Program (Regulation #26) Section 602, the Air Division of the Arkansas Department of Environmental Quality gives the following notice:

CoorsTek Arkansas Operations owns and operates a high tech ceramic manufacturing plant at 3315 Boone Road, Benton, AR, 72015. The facility has applied for a minor source air permit. The facility was previously classified as a Title V source. No physical changes are being proposed by the facility. New proposed emissions include 4.8 ton/year (tpy) of PM/PM<sub>10</sub>, 8.9 tpy of sulfur dioxide, 30.4 tpy of volatile organic compounds, 35.8 tpy of carbon monoxide, 15.5 tpy of NO<sub>x</sub>, 0.2 tpy of ammonia, and 1.0 tpy of glycol butyl ether.

The application has been reviewed by the staff of the Department and has received the Department's tentative approval subject to the terms of this notice.

Citizens wishing to examine the permit application and staff findings and recommendations may do so by contacting Doug Szenher, Public Affairs Supervisor. Citizens desiring technical information concerning the application or permit should contact, Siew Low, Engineer. Both Doug Szenher and Siew Low can be reached at the Department's central office, 8001 National Drive, Little Rock, Arkansas 72209, telephone: (501) 682-0744.

The draft permit and permit application are available for copying at the above address. A copy of the draft permit has also been placed at the Little Rock Public Library, 100 South Rock Street, Little Rock, Arkansas 72201. This information may be reviewed during normal business hours.

Interested or affected persons may also submit written comments or request a hearing on the proposal, or the proposed modification, to the Department at the above address - Attention: Doug Szenher. In order to be considered, the comments must be submitted within thirty (30) days of publication of this notice. Although the Department is not proposing to conduct a public hearing, one will be scheduled if significant comments on the permit provisions are received. If a hearing is scheduled, adequate public notice will be given in the newspaper of largest circulation in the county in which the facility in question is, or will be, located.

The Director shall make a final decision to issue or deny this application or to impose special conditions in accordance with Section 2.1 of the Arkansas Pollution Control and Ecology Commission's Administrative Procedures (Regulation #8) and Regulation #26.

Dated this

Marcus C. Devine  
Director