

# ADEQ MINOR SOURCE AIR PERMIT

Permit #: 288-AR-12

IS ISSUED TO:

Exide Corporation  
(dba GNB Industrial Power- A Division of Exide Technologies)  
4115 South Zero Street  
Fort Smith, AR 72903  
Sebastian County  
CSN: 66-0212

THIS PERMIT IS YOUR 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 YOUR 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

**SECTION I: FACILITY INFORMATION**

PERMITTEE: Exide Technologies  
CSN: 66-0212  
PERMIT NUMBER: 288-AR-12

FACILITY ADDRESS: 4115 South Zero Street  
Fort Smith, AR 72903

COUNTY: Sebastian

CONTACT PERSON: Mike Vernnon  
TELEPHONE NUMBER: (501) 649-2147

REVIEWING ENGINEER: Amanda Holloway

UTM North-South (X): Zone 15 [ 3910 ]  
UTM East-West (Y): Zone 15 [ 374 ]

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## **SECTION II: INTRODUCTION**

### **Summary**

Exide Technologies, formerly GNB Technologies Inc., owns and operates a lead-acid battery manufacturing facility in Fort Smith, Arkansas. With this de minimis modification, Exide will be installing an additional dust collector, reconstructing the existing duct work, rerouting the emissions from the existing production equipment to different collection devices, and modifying and/or replacing two baghouses. Total allowable emissions will increase 4.8 tons/year of PM/PM<sub>10</sub> and 0.33 tons/year of lead. Total allowable emissions will decrease 0.4 tons/year of volatile organic compounds and 6.7 tons/year of nitrogen oxides.

### **Process Description**

The manufacturing of lead-acid batteries begins with two casting operations. The post casting and the grid casting operations both have a small gas-fired lead melting pot where lead ingots, also known as pigs, are melted and the temperature is maintained a few degrees above the melting point. By maintaining the lead close to the melting point, lead vapor emissions are minimized. In the post casting operation, the lead is manually poured by ladle into the mold. After cooling, the mold is opened and the part removed. Some post castings include a bus bar for attaching the plates. Grid casting is a similar operation. The grid is a thin frame with two lugs on one end or side. The center of the frame is made up of several stringers running from side to side and from top to bottom forming a rectangular grid, thus the name.

In the next operation, a positive paste is prepared by mixing powdered lead oxide, water, and sulfuric acid. The same ingredients, in slightly different proportions, plus an expander make a negative paste. After the paste is properly mixed in the pasting machine, a grid is placed in the machine where a quantity of paste is pressed into the voids of the grid. The grid passes under a roller which insures that the paste fills the voids and is of uniform thickness. The pasted grid is now called a plate. The plate passes through an oven where the paste is dried. Upon leaving the pasting machine, the plates are hung on a mobile rack.

When the rack is filled with plates, it is placed in one of the curing ovens. The paste in the plates is cured after several hours at an elevated temperature.

The post and the plates are the only battery components fabricated at this facility. The acid, the battery case, the case top, and the plate insulators are purchased. The assembly operation begins with plate stacking. The plates are stacked in an alternating positive and negative arrangement with insulating material between the plates. In the burning process, a torch is used to weld all the positive plate lugs to the positive post bus bar. The process is repeated for the negative plates and post. At this point, the plate assemblies destined for dry batteries, those to be shipped

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without acid, are sent to the charging area. The top and the posts are welded in place on the batteries to be shipped “wet,” with acid. The battery is filled with acid and the top is plugged, becoming a sealed unit.

The wet batteries, those filled with acid, are connected to a charging unit. The batteries are charged and discharged twice and then charged a third time. This cycling of the battery improves the life of the battery. This operation requires a week to complete.

**Regulations**

This facility is subject to regulation under Regulation 18, Regulation 19, and NSPS Subpart KK, *Standards of Performance for Lead-Acid Battery Manufacturing Plants*.

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

TOTAL ALLOWABLE EMISSIONS		
Pollutant	Emission Rates	
	lb/hr	tpy
PM	10.7	45.9
PM <sub>10</sub>	10.7	45.9
SO <sub>2</sub>	0.6	0.6
VOC	12.2	18.2
CO	1.5	6.3
NO <sub>x</sub>	2.4	9.4
Lead	0.77	3.2
H <sub>2</sub> SO <sub>4</sub>	0.2	0.8

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### **SECTION III: PERMIT HISTORY**

Permit **#288-A** was issued to Gould Inc. in 1975. Gould proposed to install equipment for the control of particulate matter and fume emissions formed during the manufacture of lead-acid industrial batteries. Permit **#288-AR-1** was issued to GNB Technologies Inc. (GNB) on April 14, 1987.

Permit **#288-AR-2** was issued to GNB on August 25, 1987. This permit allowed the installation of two new lead melting pots and a new dust collector.

Permit **#288-AR-3** was issued to GNB on July 25, 1991. This permit allowed the installation of a new pasting machine, the routing of the flash dryer to another source, modifications of SN-01 and SN-02, and an increase in the production of absolyte batteries.

Permit **#288-AR-4** was issued to GNB on June 11, 1992. This permit allowed the re-routing of some emissions, the installation of several new sources, and the reactivation of an old source.

Permit **#288-AR-5** was issued to GNB on October 15, 1993. This permit allowed the reconfiguration of duct work and control equipment, the installation of SN-51, and other changes related to processes and the control equipment for each process.

Permit **#288-AR-6** was issued to GNB on June 2, 1994. This permit allowed the installation of new sources and an increase in production.

Permit **#288-AR-7** was issued to GNB on January 23, 1997. In this permit the plant underwent an equipment re-arrangement in the production area. GNB eliminates some outdated product assembly lines and replaced them with assembly lines for new products. All equipment processing lead would now be vented to a baghouse.

Permit **#288-AR-8** was issued to GNB on September 30, 1998. This permit allowed several changes: an increase in the emission rates at several baghouses, a baghouse realignment, the modification of non-point source emissions, the installation of a new grid casting machine, and the correction of some emission rates due to a previous calculation error.

Permit **#288-AR-9** was issued to GNB on November 18, 1999. This de minimis modification included the following changes: (1) The construction of two new automated plate cleaning lines at the positive and negative pasting lines. The emissions of particulate matter and lead from SN-53 were increased as a result of this addition. (2) The construction of one new natural gas fired boiler (SN-55) for the curing ovens, each with a heat input capacity of 3.4 MMBtu/hr.

Permit **#288-AR-10** was issued to GNB on April 21, 2000. This de minimis modification included the following changes: (1) The construction and operation of six new plate curing

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ovens. The six new curing ovens are controlled by the existing Absolyte Assembly Area Baghouse and exhaust via SN-51. Each unit has a heat input capacity of 0.15 MMBtu/hr. (2) Relocation of an existing lead melt pot. The existing lead pot was moved from the casting department (controlled by a baghouse and exhausting via SN-04) to the Absolyte Assembly Area (controlled by a baghouse and exhausting via SN-51).

Permit #**288-AR-11** was issued to GNB on June 13, 2001. With this de minimis modification, GNB installed two grid casters, two melt pots and two oxide silos. The two oxide silos are controlled by the existing Paste Mixing and Curing Baghouse and exhaust via SN-03. The emissions of lead and particulate matter from SN-03 did not increase. The two grid casters and the two melt pots are controlled by the existing Curing Ovens, Oxide Unloading, Casting Baghouse and exhaust via SN-04. The total exhaust flow rate from SN-04 did not increase; however, the carbon monoxide emissions increased by 0.6 tons/yr and the nitrogen oxides emissions increased by 0.7 tons/yr. Emissions of other pollutants did not increase. The new grid casters, melt pots, and oxide silos are subject to all applicable requirements of 40 CFR Part 60 Subpart KK.

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**SECTION IV: EMISSION UNIT INFORMATION**

**Specific Conditions**

- Pursuant to §19.501 et seq of the Regulations of the Arkansas Plan of Implementation for Air Pollution Control, effective February 15, 1999 (Regulation #19) and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, the permittee shall not exceed the emission rates set forth in the following table.

SN	Description	Control Equipment	Pollutant	lb/hr	tpy	max. gr/dscf
01	PDQ and H Assembly Line (18,407 dscfm)	Baghouse	PM <sub>10</sub>	0.7	3.1	0.0044
02	M and N Assembly Line (18,407 dscfm)	Baghouse	PM <sub>10</sub>	0.7	3.1	0.0044
03	Paste Mixing and Curing (18,407 dscfm)	Baghouse	PM <sub>10</sub>	0.7	3.1	0.0044
04	Curing Ovens, Oxide Unloading, Casting (15 Ovens, 4 Grid Casters) (5.6 MMBtu/hr for all sources) (18,407 dscfm)	Baghouse	PM <sub>10</sub>	0.7	3.1	0.0044
			SO <sub>2</sub>	0.1	0.1	--
			VOC	0.1	0.2	--
			CO	0.2	0.9	--
			NO <sub>x</sub>	0.3	1.0	--
11	Boiler (2.0 MMBtu/hr)	None	PM <sub>10</sub>	0.1	0.2	--
			SO <sub>2</sub>	0.1	0.1	--
			VOC	0.1	0.1	--
			CO	0.1	0.2	--
			NO <sub>x</sub>	0.2	0.9	--
37	Pasting Area (16,566 dscfm)	Baghouse	PM <sub>10</sub>	0.7	2.8	0.0044

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SN	Description	Control Equipment	Pollutant	lb/hr	tpy	max. gr/dscf
51	Absolyte Assembly Area (4 lead pots @ 0.8 MMBtu/pot) (21 ovens @ 0.15 MMBtu/oven) (55,222 dscfm)	Baghouse	PM <sub>10</sub> SO <sub>2</sub> VOC CO NO <sub>x</sub>	2.1 0.1 0.1 0.2 0.6	9.2 0.1 0.2 1.0 2.5	0.0044 -- -- -- --
53	MST Assembly Area (60,000 acfm)	Baghouse	PM <sub>10</sub>	2.1	9.2	0.0044
54	Non-Point Source Emissions	None	VOC	11.6	17.3	--
55	Boiler (6.8 MMBtu/hr)	None	PM <sub>10</sub> SO <sub>2</sub> VOC CO NO <sub>x</sub>	0.2 0.2 0.2 0.6 0.8	0.4 0.2 0.2 2.6 3.0	-- -- -- -- --
56 (52a)	Grid Casting (13 lead pots) (0.8 MMBtu/hr per pot) (40,000 acfm)	Baghouse	PM <sub>10</sub> SO <sub>2</sub> VOC CO NO <sub>x</sub>	1.3 0.1 0.1 0.4 0.5	5.6 0.1 0.2 1.6 2.0	0.0040 -- -- -- --
57	Mixing, Pasting, and Oxide Unloading (40,000 acfm)	Baghouse	PM <sub>10</sub>	1.4	6.1	0.0044

- Pursuant to §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, the permittee shall not exceed the emission rates set forth in the following table.



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SN	Description	Control Equipment	Pollutant	lb/hr	tpy	max. dscf
01	PDQ and H Assembly Line (18,407 dscfm)	Baghouse	PM	0.7	3.1	0.0044
02	M and N Assembly Line (18,407 dscfm)	Baghouse	PM	0.7	3.1	0.0044
03	Pasting, Mixing and Curing (18,407 dscfm)	Baghouse	PM	0.7	3.1	0.0044
04	Curing Ovens, Oxide Unloading, Casting (15 Ovens, 4 Grid Casters) (5.6 MMBtu/hr for all sources) (18,407 dscfm)	Baghouse	PM	0.7	3.1	0.0044
06	Acid Scrubber	Removed from Service				
11	Boiler (2.0 MMBtu/hr)	None	PM	0.1	0.2	--
37	Pasting Area (16,566 dscfm)	Baghouse	PM	0.7	2.8	0.0044
47	No. 1 Acid Storage Tank (3000 gallons)	None	H <sub>2</sub> SO <sub>4</sub>	0.1	0.4	--
48	No. 2 Acid Storage Tank (3000 gallons)	None	H <sub>2</sub> SO <sub>4</sub>	0.1	0.4	--
51	Absolyte Assembly Area (4 lead pots @ 0.8 MMBtu/pot) (15 ovens @ 0.15 MMBtu/oven) (55,222 dscfm)	Baghouse	PM	2.1	9.2	0.0044

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SN	Description	Control Equipment	Pollutant	lb/hr	tpy	max. dscf
53	MST Assembly Area (60,000 acfm)	Baghouse	PM	2.1	9.2	0.0044
55	Boiler (6.8 MMBtu/hr)	None	PM	0.2	0.4	--
56 (52a)	Grid Casting (13 lead pots @ 0.8 MMBtu/hr) (7 grid casting systems @ 0.025 mmBTU/hr) (40,000 acfm)	Baghouse	PM	1.3	5.6	0.0040
57	Mixing, Pasting, and Oxide Unloading (40,000 acfm)	Baghouse	PM	1.4	6.1	0.0044

3. Pursuant to §19.304 and §19.501 et seq of Regulation #19, A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, and 40 CFR Part 60 Subpart KK, the permittee shall not exceed the emission rates set forth in the following table.

SN	Description	Control Equipment	Pollutant	lb/hr	tpy	max. gr/dscf
01	PDQ and H Assembly Line (18,407 dscfm)	Baghouse	Lead	0.06	0.23	0.00033
02	M and N Assembly Line (18,407 dscfm)	Baghouse	Lead	0.06	0.23	0.00033
03	Paste Mixing and Curing (18,407 dscfm)	Baghouse	Lead	0.06	0.25	0.00033

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SN	Description	Control Equipment	Pollutant	lb/hr	tpy	max. gr/dscf
04	Curing Ovens, Oxide Unloading, Casting (15 Ovens, 4 Grid Casters) (5.6 MMBtu/hr for all sources) (18,407 dscfm)	Baghouse	Lead	0.05	0.19	0.000274
37	Pasting Area (16,566 dscfm)	Baghouse	Lead	0.05	0.22	0.00035
51	Absolyte Assembly Area (4 lead pots @ 0.8 MMBtu/pot) (15 ovens @ 0.15 MMBtu/oven) (55,222 dscfm)	Baghouse	Lead	0.16	0.67	0.00032
53	MST Assembly Area (60,000 acfm)	Baghouse	Lead	0.16	0.67	0.00032
56 (52a)	Grid Casting (13 lead pots) (0.8 MMBtu/hr per pot) (40,000 acfm)	Baghouse	Lead	0.06	0.25	0.000176
57	Mixing, Pasting, and Oxide Unloading (40,000 acfm)	Baghouse	Lead	0.11	0.49	0.00035

4. Pursuant to A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, visible emissions shall not exceed the limits specified in the following table of this permit as measured by EPA Reference Method 9.

SN	Limit	Regulatory Citation
01	0	18.501 of Regulation #18

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SN	Limit	Regulatory Citation
02	0	18.501 of Regulation #18
03	0	18.501 of Regulation #18
04	0	18.501 of Regulation #18
11	5	18.501 of Regulation #18
37	0	18.501 of Regulation #18
47	0	18.501 of Regulation #18
48	0	18.501 of Regulation #18
51	0	18.501 of Regulation #18
53	0	18.501 of Regulation #18
54	0	18.501 of Regulation #18
55	5	18.501 of Regulation #18
56	0	18.501 of Regulation #18
57	0	18.501 of Regulation #18

5. Pursuant to §18.801 of Regulation 18, and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, the permittee shall not cause or permit the emission of air contaminants, including odors or water vapor and including an air contaminant whose emission is not

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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.

6. Pursuant to §18.901 of Regulation 18, and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, the permittee shall not conduct operations in such a manner as to unnecessarily cause air contaminants and other pollutants to become airborne.
7. Pursuant to §19.705 of Regulation #19, §18.1004 of Regulation #18, and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, natural gas shall be the only fuel used for the combustion sources at this facility.
8. Pursuant to §18.1004 of Regulation #18 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, the permittee shall not use in excess of 96 drums (55 gallons per drum ) of isopropyl alcohol (6.55 lb VOC per gallon) per twelve consecutive months.
9. Pursuant to §18.1004 of Regulation #18 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, the permittee shall maintain records which demonstrate compliance with Specific Condition #8. These records shall be kept on site, updated by the last day of the following month and provided to Department personnel upon request.

**Control Equipment**

10. Pursuant to §19.303 of Regulation #19 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, the equipment, control apparatus and emission monitoring equipment shall be operated within their design specifications as described in the permit application at all times and shall be maintained in good condition at all times.
  - A. The lead oxide unloading building shall be maintained in good and weather-tight condition. All doors shall remain closed during the lead oxide transfer to the silos.
  - B. All nine baghouses (SN-01, SN-02, SN-03, SN-04, SN-37, SN-51, SN-53, and SN-56, and SN-57) shall be operated according to the vendor's specifications at all times. They shall be inspected as necessary, but not less than once per month, to insure that they are in good working condition. Maintenance records shall be kept on site at all times and shall be made available to Department personnel upon request.
  - C. The Department reserves the right to add additional pollution control requirements as needed.

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### **NSPS Subpart KK**

11. Exide is subject to and shall comply with applicable provisions of NSPS Subpart KK - *Standards of Performance for Lead-Acid Battery Manufacturing Plants*. A copy of Subpart KK is provided in Appendix A.

### **Testing**

12. Pursuant to §19.702 of Regulation #19, §18.1002 of Regulation #18, and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, Exide shall conduct an annual compliance test on all nine baghouses (SN-01, SN-02, SN-03, SN-04, SN-37, SN-51, SN-53, SN-56 and SN-57) within one testing period. The stack shall be tested for lead and PM/PM<sub>10</sub>. EPA Reference Method 12, as found in 40 CFR Part 60 Appendix A, shall be used for lead. EPA Reference Method 5, with inclusion of the back half sampling train particulate, as found in 40 CFR Part 60 Appendix A, shall be used for PM/PM<sub>10</sub>. A testing period shall not exceed ten working days. At least one compliance test shall be conducted in each calendar year. There shall be no more than fourteen months between any two compliance tests. The first compliance test shall be completed no later than twelve months after the initial performance tests. [The initial compliance test for lead was conducted August 26 thru September 5, 1997. The initial compliance test for PM/PM<sub>10</sub> was conducted December 1 thru 5, 1997.]

This testing shall be used to demonstrate compliance with the gr/dscf and lb/hr limits of each of the nine baghouses. The annual emission limits are based on the maximum capacity of the baghouse.

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**SECTION V: INSIGNIFICANT ACTIVITIES**

The following types of activities or emissions are deemed 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 July 3, 2001.

Description	Category
19 Lead Pots (NG fired at 0.8mm BTU/hr each)	Group A.1

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## **SECTION VI: GENERAL CONDITIONS**

1. Any terms or conditions included in this permit which 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 which 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. Pursuant to A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311, this permit shall 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 thereunder.
3. Pursuant to §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, the Department shall be notified in writing within thirty (30) days after construction has commenced, construction is complete, the equipment and/or facility is first placed in operation, and the equipment and/or facility first reaches the target production rate.
4. Pursuant to §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, construction or modification must commence within eighteen (18) months from the date of permit issuance.
5. Pursuant to §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, records must be kept for five years which will 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 records may be used, at the discretion of the Department, to determine compliance with the conditions of the permit.
6. Pursuant to §19.705 of Regulation 19 and/or §18.1004 of Regulation 18 and A.C.A.



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§8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311, any reports required by any condition contained in this permit shall be certified by a responsible official and submitted to the Department at the address below.

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

7. Pursuant to §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, any equipment that is to be tested, unless stated in the Specific Conditions of this permit or by any federally regulated requirements, shall be tested with the following time frames: (1) Equipment to be constructed or modified shall be tested within sixty (60) days of achieving the maximum production rate, but in no event later than 180 days after initial start-up of the permitted source or (2) equipment already operating shall be tested according to the time frames set forth by the Department. The permittee shall notify the Department of the scheduled date of compliance testing at least fifteen (15) days in advance of such test. Compliance test results shall be submitted to the Department within thirty (30) days after the completed testing.
8. Pursuant to §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, the permittee shall provide:
  - 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. Pursuant to §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, the equipment, control apparatus and emission monitoring equipment shall be operated within their design limitations and maintained in good condition at all times.
10. Pursuant to §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, if the permittee exceeds an emission limit established by this permit, they shall be deemed in violation of said permit

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and shall 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:

- 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 that all reasonable measures have been taken 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 shall 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. Pursuant to A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311, the permittee shall allow representatives of the Department upon the presentation of credentials:
- a. 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
  - b. To have access to and copy any records required to be kept under the terms and conditions of this permit, or the Act
  - c. To inspect any monitoring equipment or monitoring method required in this permit
  - d. To sample any emission of pollutants
  - e. To perform an operation and maintenance inspection of the permitted source

**Exide Corporation (dba GNB Industrial Power- A Division of Exide Technologies)**  
**Permit #: 288-AR-12**  
**CSN: 66-0212**

12. Pursuant to A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311, this permit is issued 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.
13. Pursuant to §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, this permit shall be subject to revocation or modification when, in the judgment of the Department, such revocation or modification shall become necessary to comply with the applicable provisions of the Arkansas Water and Air Pollution Control Act and the regulations promulgated thereunder.
14. Pursuant to §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, this permit may be transferred. An applicant for a transfer shall 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. A transfer may be denied on the basis of the information revealed in the disclosure statement or other investigation or, if there is deliberate falsification or omission of relevant information.
15. Pursuant to A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311, this permit shall be available for inspection on the premises where the control apparatus is located.
16. Pursuant to A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, this permit authorizes only those pollutant emitting activities addressed herein.
17. Pursuant to Regulation 18 and 19 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, this permit supersedes and voids all previously issued air permits for this facility.

## **APPENDIX A**

**INVOICE REQUEST FORM**

PDS-\_\_\_\_\_

Date February 20, 2002

- |                                     |                      |
|-------------------------------------|----------------------|
| <input checked="" type="checkbox"/> | Air                  |
| <input type="checkbox"/>            | NPDES                |
| <input type="checkbox"/>            | Stormwater           |
| <input type="checkbox"/>            | State Permits Branch |
| <input type="checkbox"/>            | Solid Waste          |

CSN 66-0212

Facility Name Exide Technologies

Invoice Mailing Address 4115 South Zero Street

Fort Smith, Arkansas 72903

- |                                     |              |
|-------------------------------------|--------------|
| <input type="checkbox"/>            | Initial      |
| <input checked="" type="checkbox"/> | Modification |
| <input type="checkbox"/>            | Annual       |

Permit Number 288-AR-12

Permit Description Minor Source

Permit Fee Code A

Amount Due \$ 400.00

Engineer Amanda Holloway

Paid? GNo GYes Check # \_\_\_\_\_

Comments: Air Permit Fee Calculation

## Public Notice

Pursuant to A.C.A. §8-4-203, and the regulations promulgated thereunder, the Air Division of the Arkansas Department of Environmental Quality gives the following notice:

**[Must Contain: Facility Name; CSN; Address; Activity Involved in Permit Action; If Modification, include change in emissions; Comments may only be given on modifications]**

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 Rhonda Sharp, Information Officer. Citizens desiring technical information concerning the application or permit should contact Melissa J. Blumenthal, Engineer. Both Rhonda Sharp and Melissa J. Blumenthal 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 *[LIBRARY and ADDRESS]*. 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: Rhonda Sharp. 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).

Dated this

Randall Mathis  
Director