



ARKANSAS
Department of Environmental Quality

MAY 16 2013

Ty Lowry, Safety/Environmental Manager
Arkansas Poly, Inc.
1248 South 28th Street
Van Buren, AR 72956

Dear Mr. Lowry:

The enclosed Permit No. 1331-AOP-R5 is your authority to construct, operate, and maintain the equipment and/or control apparatus as set forth in your application initially received on 3/19/2013.

After considering the facts and requirements of A.C.A. §8-4-101 et seq., and implementing regulations, I have determined that Permit No. 1331-AOP-R5 for the construction, operation and maintenance of an air pollution control system for Arkansas Poly, Inc. to be issued and effective on the date specified in the permit, unless a Commission review has been properly requested under Arkansas Department of Pollution Control & Ecology Commission's Administrative Procedures, Regulation 8, within thirty (30) days after service of this decision.

The applicant or permittee and any other person submitting public comments on the record may request an adjudicatory hearing and Commission review of the final permitting decisions as provided under Chapter Six of Regulation No. 8, Administrative Procedures, Arkansas Pollution Control and Ecology Commission. Such a request shall be in the form and manner required by Regulation 8.603, including filing a written Request for Hearing with the APC&E Commission Secretary at 101 E. Capitol Ave., Suite 205, Little Rock, Arkansas 72201. If you have any questions about filing the request, please call the Commission at 501-682-7890.

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Bates", is written over a horizontal line.

Mike Bates
Chief, Air Division

ADEQ OPERATING AIR PERMIT

Pursuant to the Regulations of the Arkansas Operating Air Permit Program, Regulation 26:

Permit No. : 1331-AOP-R5

IS ISSUED TO:

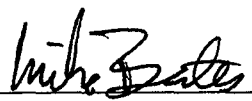
Arkansas Poly, Inc.
1248 South 28th Street
Van Buren, AR 72956
Crawford County
AFIN: 17-00100

THIS PERMIT AUTHORIZES THE ABOVE REFERENCED PERMITTEE TO INSTALL, OPERATE, AND MAINTAIN THE EQUIPMENT AND EMISSION UNITS DESCRIBED IN THE PERMIT APPLICATION AND ON THE FOLLOWING PAGES. THIS PERMIT IS VALID BETWEEN:

June 18, 2012 AND June 17, 2017

THE PERMITTEE IS SUBJECT TO ALL LIMITS AND CONDITIONS CONTAINED HEREIN.

Signed:


Mike Bates
Chief, Air Division

MAY 16 2013

Date

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List of Acronyms and Abbreviations

A.C.A.	Arkansas Code Annotated
AFIN	ADEQ Facility Identification Number
BTU	British Thermal Unit
CFR	Code of Federal Regulations
CO	Carbon Monoxide
F&K	Fischer & Krecke
GHG	Greenhouse Gas
HAP	Hazardous Air Pollutant
lb/hr	Pound Per Hour
MVAC	Motor Vehicle Air Conditioner
No.	Number
NO _x	Nitrogen Oxide
PM	Particulate Matter
PM ₁₀	Particulate Matter Smaller Than Ten Microns
SNAP	Significant New Alternatives Program (SNAP)
SO ₂	Sulfur Dioxide
SSM	Startup, Shutdown, and Malfunction Plan
Tpy	Tons Per Year
UTM	Universal Transverse Mercator
VOC	Volatile Organic Compound

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SECTION I: FACILITY INFORMATION

PERMITTEE:	Arkansas Poly, Inc.
AFIN:	17-00100
PERMIT NUMBER:	1331-AOP-R5
FACILITY ADDRESS:	1248 South 28th Street Van Buren, AR 72956
MAILING ADDRESS:	1248 South 28th Street Van Buren, AR 72956
COUNTY:	Crawford County
CONTACT NAME:	Ty Lowry
CONTACT POSITION:	Safety/Environmental Manager
TELEPHONE NUMBER:	479-474-5036
REVIEWING ENGINEER:	Patty Campbell, PE
UTM North South (Y):	Zone 15: 3920241.83 m
UTM East West (X):	Zone 15: 379264.74 m

SECTION II: INTRODUCTION

Summary of Permit Activity

Arkansas Poly, Inc. is a manufacturer of printed and unprinted polyethylene film and bags located at 1248 South 28th Street Van Buren, Crawford County, Arkansas 72956. This modification is necessary to allow the following:

1. Remove the 6-Color Flexographic Printing Press #2 (SN-04) and its associated Dryers (SN-05 and SN-06);
2. Install a Schiavi 8-Color Flexographic Printing Press (SN-08) and its associated Dryers (SN-09 and SN-10);
3. Require that current MSDSs or equivalent documentation be maintained for each VOC containing material (inks and solvents) used at the facility;
4. Require documentation of all scrap VOCs poundage that are properly shipped off-site to a disposal facility and thus subtracted as a credit or allowance from the facility's VOC emissions;
5. Add Greenhouse Gas (GHG) Status; and
6. Add Title VI Provisions.

The total permitted annual emission change associated with this permit is: -0.4 tpy NO_x.

Process Description

The polyethylene resin pellets are pneumatically conveyed to a feed hopper mounted at the throat of an extruder machine. The extruder heats the polyethylene pellets to a drawable consistency then forces it through a circular die where it is drawn very thin and formed into a tubular shape, film. The polyethylene film is air cooled, collapsed, and wound onto a roll. Polyethylene film is shipped direct to customers as a finished product, sent to the Press Department, or sent to the Converting Department where film is heat sealed into individual bags.

Printing Process

Unprinted polyethylene film is treated (exposed to a high voltage arc) before it is rolled up and sent through one of the printing presses (SN-01, SN-07, or SN-08). Two of the presses (SN-01 or SN-08) can apply several colors to the surface of the film. Between each color, the between-color natural gas-fired dryers (SN-02 & SN-09) apply heated air to the ink to dry the ink surface before the next color is applied. The inks contain solvents that evaporate upon heating. After the final ink color is applied, the material passes through the final drying tunnel (SN-03 & SN-10) where the remaining solvent is evaporated from the ink. The material is rewound on a roll and sent to the customer.

To maximize the utilization of the larger printing equipment, some printing is done on an in-line printer (SN-07) that can apply a maximum of two colors. This inline printing is much slower and depends on the ambient air to dry the ink after it is applied. Some single color printing is

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done in the extrusion department. The printing in the extrusion department is usually of average quality and typically consist of a warning statement such as "DANGER OF SUFFOCATION". The film is extruded then fed through the in-line press where a one color printed label can be applied. This allows us to extrude, print, and rewind the film in one process. To maximize the process further, some printing is done in the converting department. Film is unwound, fed through the in-line press where a maximum of two colors can be applied. The printing of instructions on the packaging makes it necessary for two colors. After the poly film has been printed on, it is then converted into bags in one continuous process. Printing in both of these departments is intended to free up capacity on the 8-color presses (SN-01 and SN-08).

Regulations

The following table contains the regulations applicable to this permit.

Regulations
Arkansas Air Pollution Control Code, Regulation 18, effective June 18, 2010
Regulations of the Arkansas Plan of Implementation for Air Pollution Control, Regulation 19, effective November 18, 2012
Regulations of the Arkansas Operating Air Permit Program, Regulation 26, effective November 18, 2012

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Emission Summary

The following table is a summary of emissions from the facility. This table, in itself, is not an enforceable condition of the permit.

EMISSION SUMMARY				
Source Number	Description	Pollutant	Emission Rates	
			lb/hr	tpy
Total Allowable Emissions		PM	0.4	0.4
		PM ₁₀	0.4	0.4
		SO ₂	0.4	0.4
		VOC	333.7	249.4
		CO	0.4	0.5
		NO _x	0.5	1.6
HAPs		N/A	N/A	N/A
Air Contaminants **		N/A	N/A	N/A
01	F&K 8-Color Flexographic Printing Press #1	VOC	166.0	249.0
07	Wolverine 2-Color Flexographic Inline Printing Press	VOC	1.7	
08	Schiavi 8-Color Flexographic Printing Press #2	VOC	166.0	
02	Natural gas-fired Dryer 0.720 MMBtu/hr (between SN-01)	PM	0.1	0.1
		PM ₁₀	0.1	0.1
		SO ₂	0.1	0.1
		VOC	0.1	0.1
		CO	0.1	0.1
		NO _x	0.1	0.4

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EMISSION SUMMARY				
Source Number	Description	Pollutant	Emission Rates	
			lb/hr	tpy
03	Natural gas-fired Dryer 1.350 MMBtu/hr (final SN-01)	PM	0.1	0.1
		PM ₁₀	0.1	0.1
		SO ₂	0.1	0.1
		VOC	0.1	0.1
		CO	0.1	0.2
		NO _x	0.2	0.6
09	Natural gas-fired Dryer 0.683 MMBtu/hr (between SN-08)	PM	0.1	0.1
		PM ₁₀	0.1	0.1
		SO ₂	0.1	0.1
		VOC	0.1	0.1
		CO	0.1	0.1
		NO _x	0.1	0.3
10	Natural gas-fired Dryer 0.683 MMBtu/hr (final SN-08)	PM	0.1	0.1
		PM ₁₀	0.1	0.1
		SO ₂	0.1	0.1
		VOC	0.1	0.1
		CO	0.1	0.1
		NO _x	0.1	0.3
04, 05 & 06	Retired from Service.			

*HAPs included in the VOC totals. Other HAPs are not included in any other totals unless specifically stated.

**Air Contaminants such as ammonia, acetone, and certain halogenated solvents are not VOCs or HAPs.

GHG Status

This facility is classified as a minor source of greenhouse gas emissions because it has the potential to emit less than 100,000 tpy CO₂e or less than 100 tpy mass basis combined greenhouse gases.

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SECTION III: PERMIT HISTORY

Permit #1331-A was the initial permit for the facility it was issued on August 3, 1992.

Permit #1331-AR-1 was issued on December 7, 1992. This permit increased VOC emissions to 28 tons per year.

Permit #1331-AR-2 was issued on January 25, 1994. This permit included the installation of a new 6-color flexographic printing press.

Permit #1331-AR-3 was issued on May 5, 1995. This permitting action included adding a second flexographic printing press, two natural gas fired dryers, and a new color in-line press.

Permit #1331-AOP-R0 was issued on February 9, 1998. This was the initial Title V permit for the facility. There were no changes in the operations of the facility from the previous permit.

Permit #1331-AOP-R1 was issued on December 16, 1998. This permit allowed a press to be added to the facility and the rearrangement of some equipment.

Permit #1331-AOP-R2 was issued on October 21, 2002. This permit was the first Title V renewal for the facility. There were no physical modifications to the facility. VOC emissions from printing operations were recalculated at 249.0 tons per year.

Permit #1331-AOP-R3 was issued on June 18, 2007. This permit was the second Title V renewal for the facility. With this permit modification, the facility replaced 2 presses (SN-01, 02, and 03 the 6 color press, and SN-04, 05, and 06 the 4-color press) with a new 8 color press and made enhancements to the inline printing press, SN-07, to allow 2 colors to be applied. Emissions for this source did not change. With this modification, HAPs were removed from the permit.

Permit #1331-AOP-R4 was issued to Arkansas Poly, Inc. on June 18, 2012. This permit was the third Title V renewal permit for the facility. This modification contains no changes related to equipment, emissions, or methods. The total permitted annual emissions associated with this permit are: 0.4 tpy PM, 0.4 tpy PM₁₀, 0.4 tpy SO₂, 249.4 tpy VOC, 0.5 tpy CO and 2.0 tpy NO_x. Materials used at this facility are HAP-free and therefore 40 CFR 63, Subpart KK does not apply.

SECTION IV: SPECIFIC CONDITIONS

SN-01, 04, and 08 – Printing Department

Source Description

VOC emissions from the printing department are bubbled. Individual sources are the three printing presses which process various VOC-containing inks and solvents. Rolls of unprinted polyethylene are run through any of three printing presses (SN-01, SN-07, or SN-08) and rewound on the other end. Each press can apply several colors to the surface of the film. Between each color, the between-color dryers apply heated air to the ink to dry the ink surface before the next color is applied. The inks contain VOCs that evaporate upon heating. After the final ink color is applied, the material passes through the main drying tunnel where the remaining VOCs are evaporated from the ink. The material is rewound on a roll and sent to the customer.

Specific Conditions

1. The permittee shall not exceed the emission rates set forth in the following table. The permittee shall demonstrate compliance with this condition by compliance with Specific Condition #2. The annual tons per year VOCs emissions are bubbled. [Regulation 19 §19.501 et seq. and 40 CFR Part 52, Subpart E]

SN	Description	Pollutant	lb/hr	tpy
01	F&K 8-Color Flexographic Printing Press #1 (model #16S-10)	VOC	166.0	249.0
07	Wolverine 2-Color Inline Flexographic Printing Press	VOC	1.7	
08	Schiavi 8-Color Flexographic Printing Press #2 (model #EF4040)	VOC	166.0	

2. The permittee shall maintain records of the inks and solvents (VOC-containing materials) used in SN-01, SN-07 and SN-08 to demonstrate compliance with the VOC ton per year (tpy) limit of Specific Condition #1. Current Material Safety Data Sheets (MSDS) or equivalent documents for each ink or solvent used shall be maintained on-site and made available to Department personnel upon request to demonstrate compliance with this specific condition. The permittee shall update these records on an every 4-weeks (28 calendar days) period. Inventory records of solvent and ink usages may be used for this purpose as long as the individual 4-week period coincides with the inventory. Inventory reports shall be updated within five business days following each inventory. After each 4-week period the total VOC emitted over the last thirteen consecutive 4-week periods shall be determined. Thirteen (13) consecutive 4-week periods shall be deemed to show

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compliance with the ton per year VOC limits for the Printing Department. Any scrap VOCs that are properly shipped off-site according to the terms of Specific Condition #3 may be subtracted from the total VOC emissions as a credit or allowance. The permittee must take into account VOC percent content of the scrap solvent adjusting for solids and non-VOC content. The thirteen consecutive 4-week periods total and each individual 4-week period's data shall be maintained in a spreadsheet, database, or other well-organized format on-site, made available to Department personnel upon request and submitted in accordance with General Provision 7. [Regulation 19 §19.705 and 40 CFR Part 52, Subpart E]

3. The permittee may use all scrap VOCs that are contained and properly shipped off-site to a disposal site as a credit or allowance towards the facility's VOC emissions. Only the VOC portion of the shipment may be taken as a credit. Before a credit may be taken, the following conditions must be met: [Regulation 19 §19.705 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
 - a. Testing shall be performed quarterly (either three or four 4-week periods) in order to establish representative concentrations by percentage of VOCs from the waste product. This testing shall be performed by an independent laboratory. Representative samples shall be taken from bulk storage containers, containing scrap VOC materials. The independent laboratory shall test using Method 24 for percentage of VOC content by weight and report as such. The average of the samples may be applied to all VOC poundage disposed of for the next quarter.
 - b. The Department Inspector shall be notified no later than seven calendar days prior to the date the samples are to be taken. The Inspector shall have the option of attending the sampling and selecting the bulk containers to be sampled.
 - c. The sampling reports shall be maintained on-site with the VOC emission records required by this permit. These records shall be made available to Department personnel upon request.
 - d. The permittee shall maintain a thirteen consecutive 4-week periods total and each individual 4-week period's data shall be maintained in a spreadsheet, database, or other well-organized format on-site and made available to Department personnel upon request.
4. The permittee shall maintain monthly records of all required measurements and calculations needed to demonstrate compliance with the criteria outlined in §63.820(a)(2). These records shall include current Material safety Data Sheets (MSDS) or equivalent documents for any ink or solvent used at the facility. These records and calculations shall include the mass of all HAP containing materials used and the mass fraction of HAP present in each HAP-containing material used on a monthly or 4-week basis. [Regulation 19 §19.304 and 40 CFR Part 63, Subpart KK]

SN-02, 03, 09, and 10 – Natural Gas-fired Dryers

Source Description

Between the application of each color, natural gas-fired dryers, SN-02 on the F&K 8-color Press #1 (SN-01) and SN-09 on the Schiavi 8-color press #2 (SN-08), apply heated air to the ink to dry the ink surface before the next color is applied. The inks contain solvents (VOCs) that evaporate upon heating. After the final ink color is applied, the film passes through the final (main) drying tunnel (SN-03 on SN-01 and SN-10 on SN-08) where the remaining solvent is evaporated from the ink. The VOC emissions from the inks are accounted for at the presses.

Specific Conditions

5. The permittee shall not exceed the emission rates set forth in the following table. The permittee shall demonstrate compliance with this condition by combustion of pipeline quality natural gas as the only fuel, Specific Condition #8, and by operating at or less than maximum capacity of the equipment. [Regulation 19 §19.501 et seq. and 40 CFR Part 52, Subpart E]

SN	Description	Pollutant	lb/hr	tpy
02	Natural gas-fired Dryer 0.720 MMBtu/hr (between SN-01)	PM ₁₀	0.1	0.1
		SO ₂	0.1	0.1
		VOC	0.1	0.1
		CO	0.1	0.1
		NO _x	0.1	0.4
03	Natural gas-fired Dryer 1.350 MMBtu/hr (final SN-01)	PM ₁₀	0.1	0.1
		SO ₂	0.1	0.1
		VOC	0.1	0.1
		CO	0.1	0.2
		NO _x	0.2	0.6
09	Natural gas-fired Dryer 0.683 MMBtu/hr (between SN-08)	PM ₁₀	0.1	0.1
		SO ₂	0.1	0.1
		VOC	0.1	0.1
		CO	0.1	0.1
		NO _x	0.1	0.3
10	Natural gas-fired Dryer 0.683 MMBtu/hr (final SN-08)	PM ₁₀	0.1	0.1
		SO ₂	0.1	0.1
		VOC	0.1	0.1
		CO	0.1	0.1
		NO _x	0.1	0.3

6. The permittee shall not exceed the emission rates set forth in the following table. The permittee shall demonstrate compliance with this condition by combustion of pipeline

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quality natural gas as the only fuel, Specific Condition #8, and by operating at or less than maximum capacity of the equipment. [Regulation 18 §18.801 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

SN	Description	Pollutant	lb/hr	tpy
02	Natural gas-fired Dryer 0.720 MMBtu/hr (between SN-01)	PM	0.1	0.1
03	Natural gas-fired Dryer 1.350 MMBtu/hr (final SN-01)	PM	0.1	0.1
09	Natural gas-fired Dryer 0.683 MMBtu/hr (between SN-08)	PM	0.1	0.1
10	Natural gas-fired Dryer 0.683 MMBtu/hr (final SN-08)	PM	0.1	0.1

7. Visible emissions may not exceed the limits specified in the following table of this permit as measured by EPA Reference Method 9.

SN	Limit	Regulatory Citation
02, 03, 09, & 10	5%	§18.501 and A.C.A.

8. The permittee shall use only pipeline quality natural gas as fuel in the dryers, SN-02, 03, 09 and 10. Emissions from the natural gas-fired equipment have been calculated at full load for continuous operation and no recordkeeping is required. [Regulation 19 §19.705 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

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SECTION V: COMPLIANCE PLAN AND SCHEDULE

Arkansas Poly, Inc. will continue to operate in compliance with those identified regulatory provisions. The facility will examine and analyze future regulations that may apply and determine their applicability with any necessary action taken on a timely basis.

SECTION VI: PLANTWIDE CONDITIONS

1. The permittee shall notify the Director in writing within thirty (30) days after commencing construction, completing construction, first placing the equipment and/or facility in operation, and reaching the equipment and/or facility target production rate. [Regulation 19 §19.704, 40 CFR Part 52, Subpart E, and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
2. If the permittee fails to start construction within eighteen months or suspends construction for eighteen months or more, the Director may cancel all or part of this permit. [Regulation 19 §19.410(B) and 40 CFR Part 52, Subpart E]
3. The permittee must test any equipment scheduled for testing, unless otherwise stated in the Specific Conditions of this permit or by any federally regulated requirements, within the following time frames: (1) new equipment or newly 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) operating equipment according to the time frames set forth by the Department or within 180 days of permit issuance if no date is specified. The permittee must notify the Department of the scheduled date of compliance testing at least fifteen (15) business days in advance of such test. The permittee shall submit the compliance test results to the Department within thirty (30) calendar days after completing the testing. [Regulation 19 §19.702 and/or Regulation 18 §18.1002 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
4. The permittee must provide:
 - a. Sampling ports adequate for applicable test methods;
 - b. Safe sampling platforms;
 - c. Safe access to sampling platforms; and
 - d. Utilities for sampling and testing equipment.

[Regulation 19 §19.702 and/or Regulation 18 §18.1002 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

5. The permittee must operate the equipment, control apparatus and emission monitoring equipment within the design limitations. The permittee shall maintain the equipment in good condition at all times. [Regulation 19 §19.303 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
6. This permit subsumes and incorporates all previously issued air permits for this facility. [Regulation 26 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

Title VI Provisions

7. The permittee must comply with the standards for labeling of products using ozone-depleting substances. [40 CFR Part 82, Subpart E]
 - a. All containers containing a class I or class II substance stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced to interstate commerce pursuant to §82.106.
 - b. The placement of the required warning statement must comply with the requirements pursuant to §82.108.
 - c. The form of the label bearing the required warning must comply with the requirements pursuant to §82.110.
 - d. No person may modify, remove, or interfere with the required warning statement except as described in §82.112.
8. The permittee must comply with the standards for recycling and emissions reduction, except as provided for MVACs in Subpart B. [40 CFR Part 82, Subpart F]
 - a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to §82.156.
 - b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to §82.158.
 - c. Persons performing maintenance, service repair, or disposal of appliances must be certified by an approved technician certification program pursuant to §82.161.
 - d. Persons disposing of small appliances, MVACs, and MVAC like appliances must comply with record keeping requirements pursuant to §82.166. (“MVAC like appliance” as defined at §82.152)
 - e. Persons owning commercial or industrial process refrigeration equipment must comply with leak repair requirements pursuant to §82.156.
 - f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to §82.166.
9. If the permittee manufactures, transforms, destroys, imports, or exports a class I or class II substance, the permittee is subject to all requirements as specified in 40 CFR Part 82, Subpart A, Production and Consumption Controls.
10. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

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The term “motor vehicle” as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term “MVAC” as used in Subpart B does not include the air tight sealed refrigeration system used as refrigerated cargo, or the system used on passenger buses using HCFC 22 refrigerant.

11. The permittee can switch from any ozone depleting substance to any alternative listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR Part 82, Subpart G.

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SECTION VII: INSIGNIFICANT ACTIVITIES

The following sources are insignificant activities. Any activity that has a state or federal applicable requirement shall be considered a significant activity even if this activity meets the criteria of §26.304 of Regulation 26 or listed in the table below. Insignificant activity determinations rely upon the information submitted by the permittee in an application dated March 20, 2013.

Description	Category
There were no insignificant activities identified.	

SECTION VIII: GENERAL PROVISIONS

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. [40 CFR 70.6(b)(2)]
2. This permit shall be valid for a period of five (5) years beginning on the date this permit becomes effective and ending five (5) years later. [40 CFR 70.6(a)(2) and Regulation 26 §26.701(B)]
3. The permittee must submit a complete application for permit renewal at least six (6) months before permit expiration. Permit expiration terminates the permittee's right to operate unless the permittee submitted a complete renewal application at least six (6) months before permit expiration. If the permittee submits a complete application, the existing permit will remain in effect until the Department takes final action on the renewal application. The Department will not necessarily notify the permittee when the permit renewal application is due. [Regulation 26 §26.406]
4. Where an applicable requirement of the Clean Air Act, as amended, 42 U.S.C. 7401, et seq. (Act) is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, the permit incorporates both provisions into the permit, and the Director or the Administrator can enforce both provisions. [40 CFR 70.6(a)(1)(ii) and Regulation 26 §26.701(A)(2)]
5. The permittee must maintain the following records of monitoring information as required by this permit.
 - a. The date, place as defined in this permit, and time of sampling or measurements;
 - b. The date(s) analyses performed;
 - c. The company or entity performing the analyses;
 - d. The analytical techniques or methods used;
 - e. The results of such analyses; and
 - f. The operating conditions existing at the time of sampling or measurement.

[40 CFR 70.6(a)(3)(ii)(A) and Regulation 26 §26.701(C)(2)]

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6. The permittee must retain the records of all required monitoring data and support information for at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. [40 CFR 70.6(a)(3)(ii)(B) and Regulation 26 §26.701(C)(2)(b)]
7. The permittee must submit reports of all required monitoring every six (6) months. If the permit establishes no other reporting period, the reporting period shall end on the last day of the month six months after the issuance of the initial Title V permit and every six months thereafter. The report is due on the first day of the second month after the end of the reporting period. The first report due after issuance of the initial Title V permit shall contain six months of data and each report thereafter shall contain 12 months of data. The report shall contain data for all monitoring requirements in effect during the reporting period. If a monitoring requirement is not in effect for the entire reporting period, only those months of data in which the monitoring requirement was in effect are required to be reported. The report must clearly identify all instances of deviations from permit requirements. A responsible official as defined in Regulation No. 26, §26.2 must certify all required reports. The permittee will send the reports to the address below:

Arkansas Department of Environmental Quality
Air Division
ATTN: Compliance Inspector Supervisor
5301 Northshore Drive
North Little Rock, AR 72118-5317

[40 CFR 70.6(a)(3)(iii)(A) and Regulation 26 §26.701(C)(3)(a)]

8. The permittee shall report to the Department all deviations from permit requirements, including those attributable to upset conditions as defined in the permit.
 - a. For all upset conditions (as defined in Regulation 19, § 19.601), the permittee will make an initial report to the Department by the next business day after the discovery of the occurrence. The initial report may be made by telephone and shall include:
 - i. The facility name and location;
 - ii. The process unit or emission source deviating from the permit limit;
 - iii. The permit limit, including the identification of pollutants, from which deviation occurs;
 - iv. The date and time the deviation started;
 - v. The duration of the deviation;
 - vi. The average emissions during the deviation;
 - vii. The probable cause of such deviations;

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- viii. Any corrective actions or preventive measures taken or being taken to prevent such deviations in the future; and
- ix. The name of the person submitting the report.

The permittee shall make a full report in writing to the Department within five (5) business days of discovery of the occurrence. The report must include, in addition to the information required by the initial report, a schedule of actions taken or planned to eliminate future occurrences and/or to minimize the amount the permit's limits were exceeded and to reduce the length of time the limits were exceeded. The permittee may submit a full report in writing (by facsimile, overnight courier, or other means) by the next business day after discovery of the occurrence, and the report will serve as both the initial report and full report.

- b. For all deviations, the permittee shall report such events in semi-annual reporting and annual certifications required in this permit. This includes all upset conditions reported in 8a above. The semi-annual report must include all the information as required by the initial and full reports required in 8a.

[Regulation 19 §19.601 and §19.602, Regulation 26 §26.701(C)(3)(b), and 40 CFR 70.6(a)(3)(iii)(B)]

- 9. If any provision of the permit or the application thereof to any person or circumstance is held invalid, such invalidity will not affect other provisions or applications hereof which can be given effect without the invalid provision or application, and to this end, provisions of this Regulation are declared to be separable and severable. [40 CFR 70.6(a)(5), Regulation 26 §26.701(E), and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
- 10. The permittee must comply with all conditions of this Part 70 permit. Any permit noncompliance with applicable requirements as defined in Regulation 26 constitutes a violation of the Clean Air Act, as amended, 42 U.S.C. §7401, et seq. and is grounds for enforcement action; for permit termination, revocation and reissuance, for permit modification; or for denial of a permit renewal application. [40 CFR 70.6(a)(6)(i) and Regulation 26 §26.701(F)(1)]
- 11. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity to maintain compliance with the conditions of this permit. [40 CFR 70.6(a)(6)(ii) and Regulation 26 §26.701(F)(2)]
- 12. The Department may modify, revoke, reopen and reissue the permit or terminate the permit for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [40 CFR 70.6(a)(6)(iii) and Regulation 26 §26.701(F)(3)]

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13. This permit does not convey any property rights of any sort, or any exclusive privilege. [40 CFR 70.6(a)(6)(iv) and Regulation 26 §26.701(F)(4)]
14. The permittee must furnish to the Director, within the time specified by the Director, any information that the Director may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee must also furnish to the Director copies of records required by the permit. For information the permittee claims confidentiality, the Department may require the permittee to furnish such records directly to the Director along with a claim of confidentiality. [40 CFR 70.6(a)(6)(v) and Regulation 26 §26.701(F)(5)]
15. The permittee must pay all permit fees in accordance with the procedures established in Regulation 9. [40 CFR 70.6(a)(7) and Regulation 26 §26.701(G)]
16. No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes provided for elsewhere in this permit. [40 CFR 70.6(a)(8) and Regulation 26 §26.701(H)]
17. If the permit allows different operating scenarios, the permittee shall, contemporaneously with making a change from one operating scenario to another, record in a log at the permitted facility a record of the operational scenario. [40 CFR 70.6(a)(9)(i) and Regulation 26 §26.701(I)(1)]
18. The Administrator and citizens may enforce under the Act all terms and conditions in this permit, including any provisions designed to limit a source's potential to emit, unless the Department specifically designates terms and conditions of the permit as being federally unenforceable under the Act or under any of its applicable requirements. [40 CFR 70.6(b) and Regulation 26 §26.702(A) and (B)]
19. Any document (including reports) required by this permit must contain a certification by a responsible official as defined in Regulation 26, §26.2. [40 CFR 70.6(c)(1) and Regulation 26 §26.703(A)]
20. The permittee must allow an authorized representative of the Department, upon presentation of credentials, to perform the following: [40 CFR 70.6(c)(2) and Regulation 26 §26.703(B)]
 - a. Enter upon the permittee's premises where the permitted source is located or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
 - b. Have access to and copy, at reasonable times, any records required under the conditions of this permit;

- c. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
 - d. As authorized by the Act, sample or monitor at reasonable times substances or parameters for assuring compliance with this permit or applicable requirements.
- 21. The permittee shall submit a compliance certification with the terms and conditions contained in the permit, including emission limitations, standards, or work practices. The permittee must submit the compliance certification annually. If the permit establishes no other reporting period, the reporting period shall end on the last day of the anniversary month of the initial Title V permit. The report is due on the first day of the second month after the end of the reporting period. The permittee must also submit the compliance certification to the Administrator as well as to the Department. All compliance certifications required by this permit must include the following: [40 CFR 70.6(c)(5) and Regulation 26 §26.703(E)(3)]
 - a. The identification of each term or condition of the permit that is the basis of the certification;
 - b. The compliance status;
 - c. Whether compliance was continuous or intermittent;
 - d. The method(s) used for determining the compliance status of the source, currently and over the reporting period established by the monitoring requirements of this permit; and
 - e. Such other facts as the Department may require elsewhere in this permit or by §114(a)(3) and §504(b) of the Act.
- 22. Nothing in this permit will alter or affect the following: [Regulation 26 §26.704(C)]
 - a. The provisions of Section 303 of the Act (emergency orders), including the authority of the Administrator under that section;
 - b. The liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance;
 - c. The applicable requirements of the acid rain program, consistent with §408(a) of the Act; or
 - d. The ability of EPA to obtain information from a source pursuant to §114 of the Act.
- 23. This permit authorizes only those pollutant emitting activities addressed in this permit. [A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
- 24. The permittee may request in writing and at least 15 days in advance of the deadline, an extension to any testing, compliance or other dates in this permit. No such extensions are authorized until the permittee receives written Department approval. The Department may grant such a request, at its discretion in the following circumstances:

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- a. Such an extension does not violate a federal requirement;
- b. The permittee demonstrates the need for the extension; and
- c. The permittee documents that all reasonable measures have been taken to meet the current deadline and documents reasons it cannot be met.

[Regulation 18 §18.314(A), Regulation 19 §19.416(A), Regulation 26 §26.1013(A), A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, and 40 CFR Part 52, Subpart E]

25. The permittee may request in writing and at least 30 days in advance, temporary emissions and/or testing that would otherwise exceed an emission rate, throughput requirement, or other limit in this permit. No such activities are authorized until the permittee receives written Department approval. Any such emissions shall be included in the facility's total emissions and reported as such. The Department may grant such a request, at its discretion under the following conditions:

- a. Such a request does not violate a federal requirement;
- b. Such a request is temporary in nature;
- c. Such a request will not result in a condition of air pollution;
- d. The request contains such information necessary for the Department to evaluate the request, including but not limited to, quantification of such emissions and the date/time such emission will occur;
- e. Such a request will result in increased emissions less than five tons of any individual criteria pollutant, one ton of any single HAP and 2.5 tons of total HAPs; and
- f. The permittee maintains records of the dates and results of such temporary emissions/testing.

[Regulation 18 §18.314(B), Regulation 19 §19.416(B), Regulation 26 §26.1013(B), A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, and 40 CFR Part 52, Subpart E]

26. The permittee may request in writing and at least 30 days in advance, an alternative to the specified monitoring in this permit. No such alternatives are authorized until the permittee receives written Department approval. The Department may grant such a request, at its discretion under the following conditions:

- a. The request does not violate a federal requirement;
- b. The request provides an equivalent or greater degree of actual monitoring to the current requirements; and
- c. Any such request, if approved, is incorporated in the next permit modification application by the permittee.

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[Regulation 18 §18.314(C), Regulation 19 §19.416(C), Regulation 26 §26.1013(C),
A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, and 40 CFR Part 52, Subpart
E]

CERTIFICATE OF SERVICE

I, Cynthia Hook, hereby certify that a copy of this permit has been mailed by first class mail to Arkansas Poly, Inc., 1248 South 28th Street, Van Buren, AR, 72956, on this 16th day of May, 2013.

A handwritten signature in black ink, appearing to read 'C. Hook', written over a horizontal line.

Cynthia Hook, ASIII, Air Division