ADEQ
MINOR SOURCE
AIR PERMIT

Permit #: 0759-AR-8

IS ISSUED TO:

CYRO Industries
1500 Richard Prewitt Drive
Osceola, AR 72370
Mississippi County
AFIN: 47-00194

THIS PERMIT IS POROCEL CORPORATION'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:

Mike Bates
Chief, Air Division

Date

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Section I: FACILITY INFORMATION

PERMITTEE:	CYRO Industries
AFIN:	47-00194
PERMIT NUMBER:	0759-AR-8
FACILITY ADDRESS:	1500 Richard Prewitt Drive Osceola, AR 72370
COUNTY:	Mississippi
CONTACT POSITION:	Ed Smith – Safety, Health, & Environmental Coordinator
TELEPHONE NUMBER:	(870) 563-1672
REVIEWING ENGINEER:	Joseph Hurt
UTM North-South (Y)	Zone 16 3953.189
UTM East-West (X):	Zone 16 230.154

Section II: INTRODUCTION

Summary

CYRO Industries owns and operates a facility at 1500 Richard Prewitt Drive, Osceola, which manufactures polymer pellets and sheets. CYRO has proposed to implement a Leak Detection and Repair Program (LDAR) in accordance with the EPA Emission Inventory Improvement Program (EIIP), Volume II, Chapter 4. Currently, CYRO is permitted a maximum of 4.4 tpy of fugitive emissions of Methyl methacrylate (HAP) and with the implementation of the proposed LDAR program, and the methodology for calculating emissions, permitted emissions would drop to 0.4 tpy. The total maximum allowable SO_2, VOC, and HAP emissions were updated to correct typographical error from the previous permit.

Process Description

Pellet Forming Operation

Methacrylic and acrylic monomers are received and stored in tanks outside of the production building. The materials are transferred to the production portion of the facility as needed and combined with portions of catalysts and other additives. The monomer solutions are then by pumped to a reactor where, under controlled conditions acrylic pellets are formed. The resulting solution is fed to a devolatizer extruder where the unreacted monomers are removed then recycled back into the process. Molten polymer is transferred through a strand die, cooled, cut into pellets then conveyed to one of eleven storage silos for future packaging and shipment to the customer, or fed to the sheet manufacturing process.

Sheet Manufacturing

Pellets are melted and the molten polymer is extruded through a large slit die into a ribbon of hot plastic. Then the molten material passes through a series of water cooled rollers which flatten it into a uniform sheet. The acrylic sheet then goes through another series of rollers to complete the cooling. The finished sheet is masked, cut to specific sizes, stacked, labeled, and packaged for shipping.

Regulations

The facility is subject to Arkansas Air Pollution Control Code (Regulation 18) and Regulations of the Arkansas Plan of Implementation for Air Pollution Control (Regulation 19). The facility is also subject to 40 CFR 60, Subpart Kb – *Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for which construction, reconstruction, or modification commenced after July 23, 1984.*

The facility is not subject to 40 CFR 60, Subpart Ka – *Standards of Performance for Petroleum Liquid Storage Vessels for Which Construction or Modification Commenced after July 23, 1984;* bulk storage tanks are not subject to this subpart because the capacities are less than $151m^3$.

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

Table 1 - Total Allowable Emissions

Total Allowable Emissions		
Pollutant	**Emissions Rates**	
	lb/hr	**tpy**
PM	4.3	11.7
PM_{10}	4.3	11.7
SO_2	7.9	4.7
VOC	3.6	6.7
CO	38.2	52.2
NO_x	119.5	30.7
Single HAP	1.1	4.0
Combination HAP	1.4	5.5

Section III: PERMIT HISTORY

CYRO Industries was issued its first air permit on July 25, 1985. This was permit number 0759-A. Initial emission rates were quantified at that time.

Air permit #0759-AR-1 was issued on January 3, 1989. It added a color line, conveying system, and a monomer recovery system.

Air permit #0759-AR-2 was issued on September 19, 1989. SN-21 was deleted with emissions routed to SN-20 (No. 1 condensate tank), and a die Hood vent (SN-41) was added. There were no emission increases.

Air permit #0759-AR-3 was issued on May 16, 1995. It added a condenser and carbon bed to the vent of the Methyl methacrylate bulk storage tank (SN-01) to meet NSPS requirements. A new sheet manufacturing line was added (SN-28, SN-30, SN-32, SN-34, and SN-45). Furnace exhaust in the pellet drying area vented to the atmosphere through SN-43 and SN-44, and additional combustion products (SN-5, SN-31, SN-32, SN-43, and SN-44) were added.

Air permit #0759-AR-4 was issued on April 4, 1998. It was a modification which allowed for the installation and use of two (2) 1,500 KW diesel generators, a diesel storage tank with a capacity of less than 10,000 gallons. Emission rates were corrected based upon a better understanding of the pollutants allowing the Methyl methacrylate emissions to be reduced from 24.6 tpy to 8.5 tpy.

Air permit #0759-AR-5 was issued on January 15, 1999. It added a sheet line (SN-50 through SN-57), routed previous points (SN-17 through SN-20) to SN-51, added a thermal oxidizer (SN-51), and increased criteria pollutants. Methyl methacrylate (HAP) emissions were reduced from 8.5 tpy to 6.5 tpy, and Ethyl Acrylate (HAP) emissions increased from 1.0 tpy to 1.5 tpy.

Air permit #0759-AR-6 was issued on May 10, 2001. It added a back-up emission control system, new oxidizer (SN-49) to control HAP emissions. Another baghouse (SN-58) was added in series with two cyclones, and removed two emission points (SN-33 and SN-34) with the addition of the new baghouse. The carbon absorbers (SN-57) were removed, and the permitted emissions for Methyl methacrylate (HAP) increased from 6.5 tpy to 7.3 tpy.

Air permit #0759-AR-7 was issued on February 22, 2002. It increased the fugitive VOC emissions from SN-59 by 0.2 tpy to reflect "as built" conditions, and reduced emissions of PM/PM_{10} from SN-56 due to the addition of a baghouse. The acrylic pellet forming equipment was added to the list of insignificant activities.

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, effective May 28, 2006 (Regulation 19) and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

Table 2 - Criteria Pollutants

SN	Description	Pollutant	lb/hr	tpy
01	Bulk Storage Tank # 1	VOC[(1)]	0.1	0.1
02	Bulk Storage Tank # 2	VOC[(1)]	0.1	0.1
03	Bulk Storage Tank # 3	VOC[(1)]	0.1	0.1
05	Oil Heater Stack	PM_{10}	0.1	0.5
		SO_2	0.1	0.5
		VOC	0.1	0.4
		CO	0.8	3.5
		NO_X	1.1	4.9
19	Bulk Storage Tank	Emissions routed to SN-49		
22	Conveying System Vent	PM_{10}	0.1	0.5
27	Conveying System Vent	PM_{10}	0.1	0.5
28	Conveying System Vent	PM_{10}	0.1	0.5
29	Conveying System Vent	PM_{10}	0.1	0.5
30	Conveying System Vent	PM_{10}	0.1	0.5
31	Vacuum Vent Sheet #1	PM_{10}	0.1	0.5
		SO_2	0.1	0.5
		VOC	0.2	1.0
		CO	1.4	6.2
		NO_X	0.1	0.5
32	Vacuum Vent Sheet #2	PM_{10}	0.1	0.5
		SO_2	0.1	0.5
		VOC	0.2	1.0
		CO	1.4	6.2
		NO_X	0.1	0.5

SN	Description	Pollutant	lb/hr	tpy
35	Conveying System Vent	PM_{10}	0.2	0.9
42	Color conveying Vent	PM_{10}	0.4	1.9
45	Conveying System(2) Vent	No Emissions		
47	Diesel Elec. Genr.#1(3)	PM_{10}	1.0	0.2
		SO_2	3.6	0.6
		VOC	1.0	0.2
		CO	13.6	1.9
		NO_X	58.4	9.2
48	Diesel Elec. Genr.#1	PM_{10}	1.0	0.2
		SO_2	3.6	0.6
		VOC	1.0	0.2
		CO	13.6	1.9
		NO_X	58.4	9.2
49	Seal Pot Vent #1 (New Oxidizer)	PM_{10}	0.1	0.5
		SO_2	0.1	0.5
		VOC	0.2	0.9
		CO	2.6	11.4
		NO_X	0.1	0.5
50	Oil Heater Stack	PM_{10}	0.1	0.5
		SO_2	0.1	0.5
		VOC	0.1	0.4
		CO	0.8	3.5
		NO_X	1.1	4.9
51	Seal Pot Vent (pellet Making) (Existing Oxidizer)	PM_{10}	0.1	0.5
		SO_2	0.1	0.5
		VOC	0.2	0.9
		CO	2.6	11.4
		NO_X	0.1	0.5
52	Conveying System Vent	PM_{10}	0.1	0.5
53	Conveying System Vent	PM_{10}	0.1	0.5
54	Conveying System	PM_{10}	0.1	0.5

SN	Description	Pollutant	lb/hr	tpy
	Vent			
55	Vacuum Vent (Sheet Line 3)	PM_{10}	0.1	0.5
		SO_2	0.1	0.5
		VOC	0.2	1.0
		CO	1.4	6.2
		NO_X	0.1	0.5
56	Conveying System Baghouse	PM_{10}	0.1	0.5
58	Conveying System Vent	PM_{10}	0.1	0.5
59	Fugitive Equipment Leaks	VOC	0.1	0.4

1. VOC totals include HAPs
2. Spare transfer system for sheet line #2. Only two of the three systems will operate at any one time (SN-28, SN-30, SN-45)
3. Emissions based on a maximum of 31,740 gallons of fuel per generator per year

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	Bulk Storage Tank # 1	Methyl Methacrylate (1)	0.1	0.1
02	Bulk Storage Tank # 2	Methyl Acrylate (1)	0.1	0.1
03	Bulk Storage Tank # 3	Methyl Methacrylate (1)	0.1	0.1
05	Oil Heater Stack	PM	0.1	0.5
19	Bulk Storage Tank	Emissions routed to SN-49		
22	Conveying System Vent	PM	0.1	0.5
27	Conveying System Vent	PM	0.1	0.5
28	Conveying System Vent	PM	0.1	0.5
29	Conveying System Vent	PM	0.1	0.5

SN	Description	Pollutant	lb/hr	tpy
30	Conveying System Vent	PM	0.1	0.5
31	Vacuum Vent Sheet #1	PM	0.1	0.5
		Methyl Methacrylate (1)	0.1	0.5
		Ethyl Acrylate (1)	0.1	0.5
32	Vacuum Vent Sheet #2	PM	0.1	0.5
		Methyl Methacrylate (1)	0.1	0.5
		Ethyl Acrylate (1)	0.1	0.5
35	Conveying System Vent	PM	0.2	0.9
42	Color conveying Vent	PM	0.4	1.9
45	Conveying System (2) Vent	No Emissions		
47	Diesel Elec. Genr.#1 (3)	PM	1.0	0.2
48	Diesel Elec. Genr.#1	PM	1.0	0.2
49	Seal Pot Vent #1	PM	0.1	0.5
		Methyl Methacrylate (1)	0.2	0.9
50	Oil Heater Stack	PM	0.1	0.5
51	Seal Pot Vent (pellet Making)	PM	0.1	0.5
		Methyl Methacrylate (1)	0.2	0.9
52	Conveying System Vent	PM	0.1	0.5
53	Conveying System Vent	PM	0.1	0.5
54	Conveying System Vent	PM	0.1	0.5
55	Vacuum Vent (Sheet Line 3)	PM	0.1	0.5
		Ethyl Acrylate	0.1	0.5
		Methyl Methacrylate (1)	0.1	0.5

SN	Description	Pollutant	lb/hr	tpy
56	Conveying System Baghouse	PM	0.1	0.5
58	Conveying System Vent	PM	0.1	0.5
59	Fugitive Equipment Leaks	Methyl [(1)] Methacrylate	0.07	0.40

1. VOC totals include HAPs
2. Spare transfer system for sheet line #2. Only two of the three systems will operate at any one time (SN-28, SN-30, SN-45)
3. Emissions based on a maximum of 31,740 gallons of fuel per generator per year

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	NA	
05	5%	18.501
22	5%	18.501
27, 28, 29 30, 31, 32, 35	5%	18.501
42	5%	18.501
45	No Emissions	
47, 48	20%	19.503
49, 50, 51, 52, 53, 54, 55, 56	5%	18.501
57	NA	
58	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. [§18.901 of Regulation 18, and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

6. The permittee will use only natural gas as a fuel for the oil heater (SN-05). Natural gas usage will not exceed 78.84 MMcf per rolling twelve month period. [§19.705 of Regulation 19 and A.C.A.§8-4-203 as referenced by §8-4-304 and §8-4-311]

7. The permittee will use only natural gas as a fuel for the oil heater (SN-50). Natural gas usage will not exceed 78.84 MMcf per rolling twelve 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 use only diesel as a fuel for the generator (SN-47). The generators shall not consume more than 31,000 gallons per rolling twelve month period. [§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 use only diesel as a fuel for the generator (SN-48). The generators shall not consume more than 31,000 gallons per rolling twelve 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 only diesel fuel with a sulfur content not to exceed 0.6% Sulfur. Compliance shall be demonstrated by vendor certification for maximum sulfur content of the purchased fuel. [§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 Conditions #6, #7, #8, #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]

12. The permittee will implement a Leak Detection and Repair (LDAR) Program at the facility as outlined in Appendix B. The LDAR procedure will be kept on site at all times and will be made available to Department personnel upon request. The permittee will maintain a log of the LDAR inspections and shall retain these records for three years. These inspection logs shall be maintained on site and made 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]

13. The permittee will maintain quarterly records of fugitive emissions which demonstrates compliance with the LDAR program proposed and Specific Condition #2. The permittee will use the emission calculation methods outlined in the EPA Emission Inventory Improvement Program, Volume II, Chapter 4.4. The permittee shall update the records by the fifteenth day of the month following the quarter to which the records pertain. These records shall be maintained onsite and made 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]

NSPS Requirements

14. The permittee will maintain readily accessible records for SN-01, SN-02, SN-03, and SN-19 to Department personnel. The records shall show the dimensions of the storage vessel and the calculations for the capacity of the storage vessel. These records shall be kept on site for the life of the source, and shall be made available to Department personnel upon request. Below is a table showing the current status of the storage capacities and reporting requirements. [§19.304 of Regulation 19 and 40 CFR Part 60 Subpart Kb, §60.116b]

Table 5 – Tank Size, Vapor Pressure Recording, and Reporting

Tank	> than (m^3)	< than (m^3)	Min VP (kPa)	Max VP (kPa)	Record Keeping per §60.116b (b)/(c)		Report
					Contents	Volume	
SN-01		75			No	Yes	No
SN-02	40	151		14.9	No	Yes	No
SN-03		75			No	Yes	No
SN-19		75			No	Yes	No

15. The permittee will maintain a record for two years of the VOC stored in SN-01 and the maximum true vapor pressure of the VOC. The maximum true vapor pressure is to be determined using one of the options detailed in §60.116b(e)(3). [§19.705 of Regulation 19, A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, 40 CFR Part 60 Subpart Kb, §60.116b]

16. The permittee will not exceed a maximum of 100 turnovers in SN-01 (bulk storage tank one), 100 turnovers in SN-02 (bulk storage tank two), and 30 turnovers in SN-03 (bulk storage tank three) per consecutive twelve month period. Monthly records of the number of turnovers per tank will be maintained on site and made available to Department personnel upon request. [§18.1004 of Regulation 18, and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

17. The permittee will handle any upset conditions, defined as exceedances of applicable emission limitations lasting more than 30 minutes, in the aggregate, during a 24-hour period, as defined in General Condition #10 of this permit. [§19.6(a) of Regulation 19, and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

18. The permittee will test the thermal oxidizing units (SN-31, SN-32, SN-49, SN-51, and SN-55) to determine the VOC destruction rate. In accordance with the facility's current testing procedures, EPA Reference Method 18 shall be used to determine the concentrations of Methyl acrylate and Methyl methacrylate in the inlet and outlet streams. These concentrations shall be used to calculate the destruction efficiency of the thermal oxidizers. This test shall be performed a minimum of once every five years. This test shall be performed with these units operating at or above 90% of its design capacity. These units shall achieve a VOC destruction rate of not less than 99%. A written report of the results of the completed tests shall be submitted to the Department within 30 days of completion of the test. Reports shall be sent to the address listed in General Condition #6. [§19.702 of Regulation 19, and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

19. The permittee will maintain a temperature of 550 °F in the catalytic oxidizers during operations. Startup and shutdown shall not be considered operations. [§18.1003 of Regulation 18 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

20. The permittee will install, calibrate, and maintain a continuous temperature recorder on the catalytic oxidizers used to control emissions from SN-49, SN-51, and SN-55. These records will be maintained on site and made available to Department personnel upon request. [§18.1003 of Regulation 18 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

21. The baghouse (SN-56) will be operated according to the vendor's specifications at all times. The baghouse will be inspected as necessary, but not less than once per month, to insure that it is in good working condition. Maintenance records shall be kept on site at all times and will be made available to Department personnel upon request. [§19.303 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 September 27, 2001.

Table 6 - Insignificant Activities

Description	Category
PYRO-CLEAN System	Group A, No. 13
Acrylic Pellet Forming Equipment (small extruder with emissions routed to SN-49 or SN-51)	Group A, No. 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. 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, the information 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]

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

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. 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]

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)]

APPENDIX A

NSPS Subpart Kb

APPENDIX B

Leak Detection and Repair Program Procedure