

ADEQ  
DRAFT  
MINOR SOURCE  
AIR PERMIT

Permit No. : 1191-AR-3

IS ISSUED TO:

CenterPoint Energy Gas Transmission Co. - North Cecil  
Compressor Station  
1.1 Miles Southwest of Webb City  
Ozark, AR 72949  
Franklin County  
AFIN: 24-00077

THIS PERMIT IS THE ABOVE REFERENCED PERMITTEE'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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List of Acronyms and Abbreviations

A.C.A.	Arkansas Code Annotated
AFIN	ADEQ Facility Identification Number
CFR	Code of Federal Regulations
CO	Carbon Monoxide
HAP	Hazardous Air Pollutant
lb/hr	Pound Per Hour
No.	Number
NO <sub>x</sub>	Nitrogen Oxide
PM	Particulate Matter
PM <sub>10</sub>	Particulate Matter Smaller Than Ten Microns
SO <sub>2</sub>	Sulfur Dioxide
Tpy	Tons Per Year
UTM	Universal Transverse Mercator
VOC	Volatile Organic Compound

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Section I: FACILITY INFORMATION

PERMITTEE: CenterPoint Energy Gas Transmission Co. - North Cecil  
Compressor Station

AFIN: 24-00077

PERMIT NUMBER: 1191-AR-3

FACILITY ADDRESS: 1.1 Miles Southwest of Webb City  
Ozark, AR 72949

MAILING ADDRESS: P.O. Box 21734  
Shreveport, LA 71151

COUNTY: Franklin County

CONTACT NAME: Lacey Ivey

CONTACT POSITION: Environmental Specialist

TELEPHONE NUMBER: 318-429-3297

REVIEWING ENGINEER: Andrea Sandage

UTM North South (Y): Zone 15: 3924240.58 m

UTM East West (X): Zone 15: 422992.83 m

## Section II: INTRODUCTION

### Summary of Permit Activity

CenterPoint Energy Gas Transmission Co. - North Cecil Compressor Station (24-00077) operates a facility located at 1.1 Miles Southwest of Webb City, Ozark, AR 72949. This facility has submitted an application to decrease the horsepower of two (2) natural gas compressor engines (SN-01 and SN-02) from 860-hp to 810-hp. The total decrease in emissions include: 0.8 tpy VOC, 2.4 tpy CO, 1.8 tpy NO<sub>x</sub>, and 0.18 tpy formaldehyde.

### Process Description

Two (2) 810-hp Caterpillar G3512 TALE natural gas compressor engines located at the facility are utilized to compress natural gas prior to being routed to a distribution pipeline. The engines use only pipeline natural gas as a fuel.

Nitrogen Oxides (NO<sub>x</sub>), carbon monoxide (CO), and volatile organic compounds (VOC) emission result from the combustion of natural gas fuel in the compressor engines.

Additional insignificant emissions occur from compressor and station blowdowns and various storage tanks.

### Regulations

The following table contains the regulations applicable to this permit.

Regulations
Arkansas Air Pollution Control Code, Regulation 18, effective January 25, 2009
Regulations of the Arkansas Plan of Implementation for Air Pollution Control, Regulation 19, effective July 18, 2009
40 CFR Part 60, Subpart JJJJ - <i>Standards of Performance for Stationary Spark Ignition Internal Combustion Engines</i>

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Total Allowable Emissions

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

TOTAL ALLOWABLE EMISSIONS		
Pollutant	Emission Rates	
	lb/hr	tpy
PM	0.2	0.6
PM <sub>10</sub>	0.2	0.6
SO <sub>2</sub>	0.2	0.2
VOC	3.6	15.8
CO	9.0	39.6
NO <sub>x</sub>	6.6	28.2
Acrolein	0.08	0.28
Formaldehyde	0.64	2.78

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### Section III: PERMIT HISTORY

Permit # 1191-A was the initial permit for the facility. The permit was issued to ARKLA, Inc. on August 19, 1991.

Permit # 1191-AR-1 was issued on August 19, 1991. The permit modification was necessary to allow stack testing as the method used for emission monitoring. The potential emission limits previously under Permit #1191-A for nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), and volatile organic compounds (VOC) remained the same.

Permit # 1191-AR-2 was issued on November 10, 2009. The deminimis was to increase the horsepower of two (2) natural gas compressor engines (SN-01 and SN-02) from 675-hp to 860-hp. The units were originally de-rated to 675-hp because the cooler section was 14 feet rather than 16 ft. The modification also adds three insignificant activities: new antifreeze tank, new oil tank, and waste water tank. The total increase in emissions include: 0.6 ton per year (tpy) PM/PM<sub>10</sub>, 0.1 tpy SO<sub>2</sub>, 25.0 tpy CO, 4.0 tpy NO<sub>x</sub>, 0.28 tpy acrolein, and 2.96 tpy formaldehyde. The total decrease in emissions include: 30.6 tpy VOC.

Section IV: EMISSION UNIT INFORMATION

Specific Conditions

- The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by using natural gas as the only fuel and operating at or below maximum operating capacity. [Regulation 19, §19.501 et seq., and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

SN	Description	Pollutant	lb/hr	tpy
01	Caterpillar G3512TALE-130 810 BHP	PM <sub>10</sub>	0.1	0.3
		SO <sub>2</sub>	0.1	0.1
		VOC	1.8*	7.9*
		CO	4.5	19.8
		NO <sub>x</sub>	3.3	14.1
02	Caterpillar G3512TALE-130 810 BHP	PM <sub>10</sub>	0.1	0.3
		SO <sub>2</sub>	0.1	0.1
		VOC	1.8*	7.9*
		CO	4.5	19.8
		NO <sub>x</sub>	3.3	14.1

\* Emission standard from 40 CFR60.4233(f)(4)

- The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by using natural gas as the only fuel and operating at or below maximum operating capacity. [Regulation 18, §18.801 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

SN	Description	Pollutant	lb/hr	tpy
01	Caterpillar G3512TALE-130 810 BHP	PM	0.1	0.3
		Acrolein	0.04	0.14
		Formaldehyde	0.32	1.39
02	Caterpillar G3512TALE-130 810 BHP	PM	0.1	0.3
		Acrolein	0.04	0.14
		Formaldehyde	0.32	1.39

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3. Visible emissions may 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 A.C.A. §8-4-304 and §8-4-311]

SN	Limit	Regulatory Citation
01 & 02	5%	§18.501

4. 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 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. [Regulation 18, §18.801 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
5. The permittee shall not conduct operations in such a manner as to unnecessarily cause air contaminants and other pollutants to become airborne. [Regulation 18, §18.901 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
6. Dust suppression activities should be conducted in a manner and at a rate of application that will not cause runoff from the area being applied. Best Management Practices (40 CFR §122.44(k)) should be used around streams and waterbodies to prevent the dust suppression agent from entering Waters of the State. Except for potable water, no agent shall be applied within 100 feet of wetlands, lakes, ponds, springs, streams, or sinkholes. Failure to meet this condition may require the permittee to obtain a National Pollutant Discharge Elimination System (NPDES) permit in accordance with 40 CFR §122.1(b). [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
7. The permittee shall only use pipeline quality natural gas to fire the compressor engines located at this facility. Pipeline quality natural gas is defined as gas which contains less than 20 grains total sulfur per 100 standard cubic feet of natural gas. Additionally, pipeline natural gas must either be composed of at least 70 percent methane by volume or have a gross calorific value between 950 and 1100 BTU per standard cubic foot. Compliance with this condition may be demonstrated by a valid gas tariff, purchase contract, fuel analysis or other appropriate documentation, or periodic testing. [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311 and 40 CFR 70.6]
8. The permittee shall test the fuel combusted in the compressor engines for Total Sulfur within 180 days of issuance of the amendment to permit 1191-AR-2 to show compliance with SO<sub>2</sub> emission limits. The natural gas must contain 0.2 grains of Total Sulfur per 100 standard cubic feet of natural gas or less. The permittee shall use test methods outlined in sections 2.3.5 or 2.3.3.1.2 of 40 CFR Part 75, Appendix D, or other test method upon the Department's approval, to test for Total Sulfur. The results of these tests shall be submitted to the Department at the address listed in General Condition # 6. Testing for Total Sulfur shall be conducted every five years for the fuel combusted in the compressor

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engines located at CenterPoint's compressor stations in the State of Arkansas. The natural gas testing of the fuel on one pipeline may be representative for all compressor engines located along that pipeline. Testing was conducted on April 8, 2008. [Regulation No. 19 §19.702, and 40 CFR Part 52, Subpart E]

9. The permittee shall simultaneously conduct tests for NO<sub>x</sub> and CO, on each of the compressor engines, in accordance with General Condition # 6. Testing shall be conducted every five years thereafter. EPA Reference Method 7E shall be used to determine NO<sub>x</sub>. EPA Reference Method 10 shall be used to determine CO. The permittee shall test the engine within 90% of its rated capacity. If the engine is not tested within this range, the permittee shall be limited to operating within 10% above the tested rate. The Department reserves the right to select the engine(s) to be tested. The engine(s) tested shall be rotated so that no engine(s) is tested twice before another engine is tested once. If the tested emission rate for any pollutant is in excess of the permitted emission rate, all engines shall be tested for that pollutant. Testing shall be coordinated with the Compliance Inspector Supervisor as noted in General Condition No. 6. Testing was conducted on April 10, 2007. [§19.702 of Regulation 19 and 40 CFR 52, Subpart E]
10. The permittee may replace any existing compressor engine(s) (SN-01 or SN-02) on a temporary or permanent basis with a unit that has the same or lower emission rates on a pound per hour basis; has the same or lower horsepower and as set out below:
  - The permittee shall notify ADEQ of the replacement within 30 days after the replacement is made, which notification shall identify the previous and replacement engines, and provide the reason why the replacement was necessary. If applicable, the notification shall also provide a permit application and, when required, a CAM plan under 40 CFR Part 64.
  - The permittee shall conduct NO<sub>x</sub> and CO emission testing within 90 days of the date of replacement to verify the emissions from the newly installed engine (s). This testing shall be conducted in accordance with EPA Reference Method 7E for NO<sub>x</sub> and EPA Reference Method 10 for CO.
11. The compressor engines SN-01 and SN-02 will be subject to and shall comply with the provisions of 40 CFR part 60, Subpart JJJJ – *Standards of Performance for Stationary Spark Ignition Internal Combustion Engines* . [§19.304 of Regulation 19 and 40 CFR 60.4230a(5)]
12. The compressor engines SN-01 and SN-02 must meet the following emission standards: NO<sub>x</sub> - 3.0 g/HP-hr, CO – 4.0 g/HP-hr, and VOC – 1.0 g/HP-hr. Compliance with this condition shall be demonstrated by compliance with Conditions # 1 and #13. [§19.304 of Regulation 19 and 40 CFR 60.4233(f)(4)]

13. The permittee must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate SN-01 and SN-02 in a manner consistent with good air pollution and control practice for minimizing emissions. In addition, the permittee must conduct an initial performance test and conduct subsequent performance testing every 8,760 hours or 3 years; whichever comes first, thereafter to demonstrate compliance. [§19.304 of Regulation 19 and 40 CFR 60.4243(b)(ii) & (c)].
14. The permittee may operate the engines using propane for a maximum of 100 hours per year as an alternative fuel solely during emergency operations, but must keep records of such use. If propane is used for more than 100 hours per year in an engine that is not certified to the emission standards when using propane, the owners and operators are required to conduct a performance test to demonstrate compliance with the emission standards of §60.4233. [§19.304 of Regulation 19 and 40 CFR 60.4243(e)].
15. The permittee must conduct performance tests within 10 percent of 100 percent peak (or the highest achievable) load and according to the requirements in §60.8 and under the specific conditions that are specified by Table 2 of 40 CFR 60 Subpart JJJJ. [§19.304 of Regulation 19 and 40 CFR 60.4244(a)].
16. The permittee may not conduct performance tests during periods of startup, shutdown, or malfunction, as specified in §60.8(c). If the stationary SI internal combustion engine is non-operational, you do not need to startup the engine solely to conduct a performance test; however, you must conduct the performance test immediately upon startup of the engine. [§19.304 of Regulation 19 and 40 CFR 60.4244(b)].
17. For SN-01 and SN-02, the permittee must conduct three separate test runs for each performance test required in Conditions #15, #16, and #17, as specified in General Provisions to Subpart JJJJ, §60.8(f). Each test run must be conducted within 10 percent of 100 percent peak (or the highest achievable) load and last at least 1 hour. [Regulation 19, §19.304 and 40 CFR 60.4244 (c)].
18. The permittee must conduct performance tests according to the following procedure. To determine compliance with the NO<sub>x</sub> mass per unit output emission limitation, convert the concentration of NO<sub>x</sub> in the engine exhaust using Equation 1:

$$ER = \frac{C_d \times 1.912 \times 10^{-3} \times Q \times T}{HP - hr} \quad (Eq. 1)$$

Where: ER = Emission rate of NO<sub>x</sub> in g/HP-hr.

C<sub>d</sub>= Measured NO<sub>x</sub>concentration in parts per million by volume (ppmv).

1.912×10<sup>-3</sup> = Conversion constant for ppm NO<sub>x</sub>to grams per standard cubic meter at 20 degrees Celsius.

Q = Stack gas volumetric flow rate, in standard cubic meter per hour, dry basis.

T = Time of test run, in hours.

HP-hr = Brake work of the engine, horsepower-hour (HP-hr). [Regulation 19, §19.304 and 40 CFR 60.4244 (d)].

19. The permittee must conduct performance tests according to the following procedure. To determine compliance with the CO mass per unit output emission limitation, convert the concentration of CO in the engine exhaust using Equation 2:

$$ER = \frac{C_d \times 1.164 \times 10^{-3} \times Q \times T}{HP - hr} \quad (\text{Eq. 2})$$

Where: ER = Emission rate of CO in g/HP-hr.

Cd= Measured CO concentration in ppmv.

$1.164 \times 10^{-3}$  = Conversion constant for ppm CO to grams per standard cubic meter at 20 degrees Celsius.

Q = Stack gas volumetric flow rate, in standard cubic meters per hour, dry basis.

T = Time of test run, in hours.

HP-hr = Brake work of the engine, in HP-hr. [Regulation 19, §19.304 and 40 CFR 60.4244 (e)].

20. The permittee must conduct performance tests according to the following procedure. For purposes of this subpart, when calculating emissions of VOC, emissions of Formaldehyde should not be included. To determine compliance with the VOC mass per unit output emission limitation, convert the concentration of VOC in the engine exhaust using Equation 3:

$$ER = \frac{C_d \times 1.833 \times 10^{-3} \times Q \times T}{HP - hr} \quad (\text{Eq. 3})$$

Where: ER = Emission rate of VOC in g/HP-hr.

Cd= VOC concentration measured as propane in ppmv.

$1.833 \times 10^{-3}$  = Conversion constant for ppm VOC measured as propane, to grams per standard cubic meter at 20 degrees Celsius.

Q = Stack gas volumetric flow rate, in standard cubic meters per hour, dry basis.

T = Time of test run, in hours.

HP-hr = Brake work of the engine, in HP-hr. [Regulation 19, §19.304 and 40 CFR 60.4244 (f)].

21. If the permittee chooses to measure VOC emissions using either Method 18 of 40 CFR part 60, appendix A, or Method 320 of 40 CFR part 63, appendix A, then it has the option of correcting the measured VOC emissions to account for the potential differences in measured values between these methods and Method 25A. The results from Method 18 and Method 320 can be corrected for response factor differences using Equations 4 and 5 of this section. The corrected VOC concentration can then be placed on a propane basis using Equation 6 of this section.

$$RF_i = \frac{C}{C_{Ai}} \quad (\text{Eq. 4})$$

Where:

RF<sub>i</sub>= Response factor of compound i when measured with EPA Method 25A.

C<sub>Mi</sub>= Measured concentration of compound i in ppmv as carbon.

C<sub>Ai</sub>= True concentration of compound i in ppmv as carbon.

$$C_{i\text{corr}} = RF_i \times C_{i\text{meas}} \quad (\text{Eq. 5})$$

Where:

C<sub>i<sub>corr</sub></sub>= Concentration of compound i corrected to the value that would have been measured by EPA Method 25A, ppmv as carbon.

C<sub>i<sub>meas</sub></sub>= Concentration of compound i measured by EPA Method 320, ppmv as carbon.

$$C_{\text{Peq}} = 0.6098 \times C_{i\text{corr}} \quad (\text{Eq. 6})$$

Where:

C<sub>Peq</sub>= Concentration of compound i in mg of propane equivalent per DSCM.

[Regulation 19, §19.304 and 40 CFR 60.4244 (f)].

22. The permittee must meet the following notification, reporting and recordkeeping requirements.

- (1) All notifications submitted to comply with this subpart and all documentation supporting any notification.
  - (2) Maintenance conducted on the engine.
  - (3) If the stationary SI internal combustion engine is a certified engine, documentation from the manufacturer that the engine is certified to meet the emission standards and information as required in 40 CFR parts 90, 1048, 1060, and 1054 as applicable.
  - (4) If the stationary SI internal combustion engine is not a certified engine or is a certified engine operating in a non-certified manner and subject to §60.4243(a)(2), documentation that the engine meets the emission standards. [Regulation 19, §19.304 and 40 CFR 60.4245 (a) 1-4].
23. Owners and operators of stationary SI ICE greater than or equal to 500 HP that have not been certified by an engine manufacturer to meet the emission standards in §60.4233 must submit an initial notification as required in §60.7(a)(1). The notification must include the following information.
- (1) Name and address of the owner or operator;
  - (2) The address of the affected source;
  - (3) Engine information including make, model, engine family, serial number, model year, maximum engine power, and engine displacement;
  - (4) Emission control equipment; and
  - (5) Fuel used. [Regulation 19, §19.304 and 40 CFR 60.4245 (c) 1-5].
24. The permittee is subject to performance testing and must submit a copy of each performance test as conducted in §60.4244 within 60 days after the test has been completed. [Regulation 19, §19.304 and 40 CFR 60.4245 (d)].
25. The permittee must operate and maintain Stationary Spark Ignition (SI) Internal Combustion Engines (ICE) that achieve the emission standards as required in §60.4233 over the entire life of the engine. [Regulation 19, §19.304 and 40 CFR Part 60, Subpart JJJJ, §60.4234].

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 **July 17, 2009**.

Description	Category
New Antifreeze Tank – 500 gal	A-3
New Oil Tank – 500 gal	A-3
Used Oil Tank (SN-06), TVP<0.5 psia – 150 bbl	A-3
Waste Water Tank – 210 bbl	A-3
Compressor and Station Blowdowns ( SN-03, SN-04 & SN-05)	A-13
Fugitive Emissions	A-13
Loading Emissions	A-13

Section VI: GENERAL CONDITIONS

1. Any terms or conditions included in this permit that specify and reference Arkansas Pollution Control & Ecology Commission Regulation 18 or the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 et seq.) as the sole origin of and authority for the terms or conditions are not required under the Clean Air Act or any of its applicable requirements, and are not federally enforceable under the Clean Air Act. Arkansas Pollution Control & Ecology Commission Regulation 18 was adopted pursuant to the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 et seq.). Any terms or conditions included in this permit that specify and reference Arkansas Pollution Control & Ecology Commission Regulation 18 or the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 et seq.) as the origin of and authority for the terms or conditions are enforceable under this Arkansas statute.
2. This permit does not relieve the owner or operator of the equipment and/or the facility from compliance with all applicable provisions of the Arkansas Water and Air Pollution Control Act and the regulations promulgated under the Act. [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
3. The permittee shall 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. [Regulation 19, §19.704 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. [Regulation 19, §19.410(B) and/or Regulation 18, §18.309(B) 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. [Regulation 19, §19.705 and/or Regulation 18, §18.1004 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. [Regulation 19, §19.705 and/or Regulation 18, §18.1004 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

5301 Northshore Drive  
North Little Rock, AR 72118-5317

7. The permittee shall 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. [Regulation 19, §19.702 and/or Regulation 18, §18.1002 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
8. The permittee shall provide: [Regulation 19, §19.702 and/or Regulation 18, §18.1002 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; and
  - d. Utilities for sampling and testing equipment
9. The permittee shall operate equipment, control apparatus and emission monitoring equipment within their design limitations. The permittee shall maintain in good condition at all times equipment, control apparatus and emission monitoring equipment. [Regulation 19, §19.303 and/or Regulation 18, §18.1104 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: [Regulation 19, §19.601 and/or Regulation 18, §18.1101 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; and
  - 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. [Regulation 19, §19.410(A) and/or Regulation 18, §18.309(A) 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. [Regulation 19, §19.407(B) and/or Regulation 18, §18.307(B) 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]

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16. This permit authorizes only those pollutant emitting activities addressed herein. [A.C.A. §8-4-203 as referenced by A.C.A. §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 A.C.A. §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)]
19. 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:
  - 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), A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311, and 40 CFR Part 52, Subpart E]

20. 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 facilities 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), A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311, and 40 CFR Part 52, Subpart E]

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21. 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.

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

APPENDIX A

40 CFR Part 60, Subpart JJJJ - *Standards of Performance for  
Stationary Spark Ignition Internal Combustion Engines*



## APPENDIX B

### Source Serial Numbers



SN	Description	Serial Number
01	Caterpillar G3512TALE-130 810 BHP	4KC00231
02	Caterpillar G3512TALE-130 810 BHP	4KC00232