



Kansas Department of Health and Environment – Bureau of Air
1000 SW Jackson, Suite 310, Topeka, KS 66612
Phone: (785)296-1570 Fax: (785)291-3953
Application for Approval/Permit
Minor Source Oil and Natural Gas Production
Facilities and Compressor Stations

This form is for oil and natural gas production facilities and compressor stations that are located at an area source for HAP emissions and are considered true minor sources for Title V purposes (uncontrolled potential-to-emit is below the major source thresholds). The facility shall submit this form, by mail or electronically to KDHE.BOApermit@ks.gov, along with any requested or pertinent additional information. Any required notifications, reports, or documentation shall be submitted to the above address.

Please specify the type of construction document you are applying for:

Permit Approval Modification- Date(s) of Original Permit _____

I. Facility Information

Company Name:		Source ID number (N/A if no Source ID#):
NAICS/SIC (primary codes):		
Source Location		
Facility Name:		
Street Address:		County:
City, State, Zip:		Section, Township, Range:
Mailing Address (if different)		
Street Address:		
City, State, Zip:		
Contact Information		
Name:		Telephone Number:
Email:		Fax Number:
What will be the primary product produced at this facility: <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Other, _____		
Production Rate:		
Fee included (please include site name on check): <input type="checkbox"/> Yes <input type="checkbox"/> No Check No. _____		
Approval Application Fee \$750 Permit Application Fee specified in K.A.R. 28-19-304(b) [Oil and gas extraction- \$1,000; Pipeline transportation of refined petroleum, crude oil, and natural gas- \$2000] http://www.kdheks.gov/bar/regs.html If you would like to pay by credit card, you may pay by phone by calling (785) 296-1570 or (785) 296-6024. The maximum charge limit for credit cards is \$5000.		

For KDHE Office Use Only	
This application and associated documentation has been reviewed and the listed equipment (or equivalent) is approved and permitted for construction under K.A.R. 28-19-300.	
Source ID: _____	Permit Writer: _____
C#: _____	Signature: _____
D.O.: _____	Date: _____

II. Potential Emissions

Please include supporting potential-to-emit calculations, including all hazardous air pollutants (HAPs) along with this application

Pollutant	Uncontrolled Potential-to-emit¹ (lbs/24 hours)	Uncontrolled Potential-to-emit (tons/year)
NO _x		
CO		
VOC		
SO _x		
PM		
PM ₁₀		
Total HAPs		
CO _{2e}		

Pollutant	Controlled Potential-to-emit (lbs/24 hours)	Controlled Potential-to-emit (tons/year)
NO _x		
CO		
VOC		
SO _x		
PM		
PM ₁₀		
Total HAPs		
CO _{2e}		

III. Applicable Requirements

Please check all requirements that will be applicable to this facility

- | |
|--|
| <ul style="list-style-type: none"> <input type="checkbox"/> 40 CFR Part 63 Subpart ZZZZ (MACT ZZZZ)- National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines <input type="checkbox"/> 40 CFR Part 60 Subpart JJJJ (NSPS JJJJ)- Standards of Performance for Stationary Spark Ignition Internal Combustion Engines <input type="checkbox"/> 40 CFR Part 60 Subpart IIII (NSPS IIII)- Standards of Performance for Stationary Compression Ignition Internal Combustion Engines <input type="checkbox"/> 40 CFR Part 60 Subpart OOOO (NSPS OOOO)- Standard of Performance for Crude Oil and Natural Gas Production, Transmission, and Distribution <input type="checkbox"/> 40 CFR Part 60 Subpart OOOOa (NSPS OOOOa)- Standard of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced After September 18, 2015 <input type="checkbox"/> 40 CFR Part 60 Subpart Kb (NSPS Kb)- Standard of Performance for Storage Vessels for Petroleum Liquids For which Construction, Reconstruction, or Modification commenced after July 23, 1984 <input type="checkbox"/> 40 CFR Part 60 Subpart GG (NSPS GG)- Standard of Performance for Stationary Gas Turbines <input type="checkbox"/> 40 CFR Part 60 Subpart KKKK (NSPS KKKK)- Standard of Performance for Stationary Gas Combustion Turbines <input type="checkbox"/> Other, _____ |
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¹ Potential-to-emit (PTE) means the maximum capacity of a stationary source to emit a pollutant under its physical and operational design. Any physical or operational limitation on the capacity of the source to emit a pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored, or processed, shall be treated as part of its design if the limitation or the effect it would have on emissions is federally enforceable.

IV. Engine Information

If installing more than one engine please submit a separate engine/control equipment description for each engine. Please submit the **manufacturer's specification sheet** for each engine.

A. Engine Description

Has the engine been modified ² ? <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, please provide the date of the modification:
Has the engine been reconstructed ³ ? <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, please provide the following information
	Date of reconstruction: Summary of cost (submit documentation):
Engine Ignition: <input type="checkbox"/> Compression Ignition <input type="checkbox"/> Spark Ignition (select one below) <input type="checkbox"/> 2SLB <input type="checkbox"/> 4SRB <input type="checkbox"/> 4SLB	Engine Manufacturer/Model No:
	Horsepower:
	Date of Manufacture:
	Serial No:
Will the engine be manufacturer certified? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please submit the certification along with application.	
Will this engine be designated a remote stationary RICE as specified in 40 CFR 63.6675? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Owner/Operator's identification number/name for the engine:	
Which will the engine be subject to: <input type="checkbox"/> 40 CFR Part 60 Subpart JJJJ (NSPS JJJJ) <input type="checkbox"/> 40 CFR Part 63 Subpart ZZZZ (MACT ZZZZ) <input type="checkbox"/> 40 CFR Part 60 Subpart IIII (NSPS IIII)	
The associated compressor is a: <input type="checkbox"/> Centrifugal compressor <input type="checkbox"/> Other, _____ <input type="checkbox"/> Reciprocating compressor	
Will the associated compressor be subject to 40 CFR Part 60 Subpart OOOO (NSPS OOOO)? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, please explain:	
Will the associated compressor be subject to 40 CFR Part 60 Subpart OOOOa (NSPS OOOOa)? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, please explain:	
Fuel Type: <input type="checkbox"/> Gasoline <input type="checkbox"/> Natural Gas <input type="checkbox"/> Other, _____ <input type="checkbox"/> Diesel <input type="checkbox"/> Dual fuel	

B. Engine Control Equipment

Type of Control Equipment to be installed:
Manufacturer/Model No/Serial No.:
Pollutant Controlled:
Operating Temperature (°F):

Type of Control Equipment to be installed:
Manufacturer/Model No/Serial No.:
Pollutant Controlled:
Operating Temperature (°F):

² 40 CFR 60.2 defines modification as follows: any physical change in the method of operation of an existing facility which increases the amount of any air pollutant (to which the standard applies) emitted into the atmosphere by that facility or which results in the emission of any air pollutant (to which the standard applies) into the atmosphere not previously emitted.

³ 40 CFR 63.2 defines reconstruction as follows: the fixed capital cost of the new components exceeds 50% of the fixed capital cost that would be required to construct a comparable new source.

B. Storage Vessel (Storage Tank) Control Equipment

Type of Control Equipment to be installed:
Manufacturer/Model No/Serial No.:
Pollutant Controlled:
Operating Temperature (°F):

C. Storage Vessel (Storage Tank) Requirements

Please specify the requirements for each storage tank.

Identification	Applicable Requirement (example: NSPS OOOO, OOOOb, Kb, etc.)

VI. Other Emission Sources

Complete all applicable sections.

A. Flare(s)

Owner/Operator's identification number/name for the flare:	
Manufacturer:	Model No.:
Operating schedule:	Max designed heat rate:
Height of flare (ft):	Diameter (ft):
Gas temperature (°F)	Residence time (sec):
Pollutant(s): being controlled:	
<u>Primary Fuel:</u> Heat value of pilot gas (Btu/ft ³): Maximum Consumption (ft ³ /hr):	<u>Secondary Fuel:</u> Heat value (Btu/ft ³): Maximum Consumption (ft ³ /hr):
Type of Flare: <input type="checkbox"/> Ground <input type="checkbox"/> Elevated <input type="checkbox"/> Other, specify _____	Mixing Method: <input type="checkbox"/> Steam injected <input type="checkbox"/> Compressed Air <input type="checkbox"/> Fuel Gas <input type="checkbox"/> Other, specify _____
Overall sulfur recovery efficiency:	Percent (%) SO ₂ by volume discharged to atmosphere:
What emission unit(s) or source(s) is/are vented to the flare?	
Include a gas stream composition including either volume % or mole % (indicate which) along with the application.	

Owner/Operator's identification number/name for the flare:	
Manufacturer:	Model No.:
Operating schedule:	Max designed heat rate:
Height of flare (ft):	Diameter (ft):
Gas temperature (°F)	Residence time (sec):
Pollutant(s): being controlled:	
<u>Primary Fuel:</u> Heat value of pilot gas (Btu/ft ³): Maximum Consumption (ft ³ /hr):	<u>Secondary Fuel:</u> Heat value (Btu/ft ³): Maximum Consumption (ft ³ /hr):
Type of Flare: <input type="checkbox"/> Ground <input type="checkbox"/> Elevated <input type="checkbox"/> Other, specify _____	Mixing Method: <input type="checkbox"/> Steam injected <input type="checkbox"/> Compressed Air <input type="checkbox"/> Fuel Gas <input type="checkbox"/> Other, specify _____
Overall sulfur recovery efficiency:	Percent (%) SO ₂ by volume discharged to atmosphere:
What emission unit(s) or source(s) is/are vented to the flare?	
Include a gas stream composition including either volume % or mole % (indicate which) along with the application.	

B. Heater Treater(s)

Owner/Operator's identification number/name for the heater treater:
Maximum rated capacity (Btu/hr):
Operating schedule:

Owner/Operator's identification number/name for the heater treater:
Maximum rated capacity (Btu/hr):
Operating schedule:

C. Pneumatic Controllers

Does the facility operate any pneumatic controllers? <input type="checkbox"/> Yes <input type="checkbox"/> No
Are any of the pneumatic controllers subject to NSPS OOOO? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please list identification number/name of the controller(s) below.

D. Microturbine(s)

Maximum rated capacity (MMBtu/hr):	
Manufacturer:	Model No.:
	Serial No.:

Maximum rated capacity (MMBtu/hr):	
Manufacturer:	Model No.:
	Serial No.:

Maximum rated capacity (MMBtu/hr):	
Manufacturer:	Model No.:
	Serial No.:

Maximum rated capacity (MMBtu/hr):	
Manufacturer:	Model No.:
	Serial No.:

E. Equipment in VOC Service

Equipment Name:	Quantity in Gas/Vapor Service	Quantity in Light Liquid Service	Quantity in Heavy Liquid Service
Pumps			
Compressors			
Pressure Relief Device			
Sampling Connection Systems			
Open Ended Valves or Lines			
Valves			
Flanges			
Other Connectors			

Equipment subject to NSPS OOOOa? <input type="checkbox"/> Yes <input type="checkbox"/> No
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F. Well(s)

Does the well meet the definition of “well affected facility” ⁶ in 40 CFR 60.5365a(a) and is therefore subject to NSPS OOOOa? <input type="checkbox"/> Yes <input type="checkbox"/> No
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G. Other

Please list any other emission equipment not otherwise specified above:

VII. Potential Regulatory Requirements for Engines

Comply with all applicable regulatory requirements. Please see www.ecfr.gov or BOA website for information regarding regulatory requirements. The owner or operator shall comply with 40 CFR Part 60 Subpart A and 40 CFR Part 63 Subpart A, as applicable.

A. MACT ZZZZ

⁶ According to 40 CFR 60.5365a(a) a well affected facility is a single well that conducts a well completion operation following hydraulic fracturing or refracturing. The provisions of 40 CFR 60.5365a(a) do not affect the affected facility status of well sites for the purposes of 40 CFR 60.5397a. The provisions of 40 CFR 60.5365a(a)(1) through (4) apply to wells that are hydraulically refractured.

1. The owner or operator shall comply with the requirements of MACT ZZZZ, as applicable.
2. If performance testing is required by 40 CFR 63.6610, 63.6611, or 63.6612 the testing shall be conducted within 180 days of the compliance date specified in 40 CFR 63.6595. In accordance with 40 CFR 63.7(b), notification of the date for performance testing and a performance testing protocol shall be submitted to KDHE at least 60 days prior to such date.

B. NSPS JJJJ

1. Any new or reconstructed stationary Spark Ignition (SI) RICE originally installed on or after June 12, 2006 shall comply with MACT ZZZZ by complying with the requirements of NSPS JJJJ, as applicable. [40 CFR 63.6590(c)(1)]
2. If performance testing is required by 40 CFR 60.4243(b)(2)(i) or (ii) it shall be conducted within 180 days after initial startup of the engine. In accordance with 40 CFR 60.8(d), notification of the date for performance testing and a performance testing protocol shall be submitted to KDHE Bureau of Air, Compliance and Enforcement Section at least 30 days prior to such date.

C. NSPS IIII

1. Any new or reconstructed Compression Ignition (CI) RICE that were constructed after July 11, 2005 and manufactured after April 1, 2006 shall comply with MACT ZZZZ by complying with the applicable requirements of NSPS IIII. [40 CFR 63.6590(c)(1)]
2. If performance testing is required by 40 CFR 60.4211 it shall be conducted within 180 days of initial startup, or 60 days of reconstruction or modification of the engine. In accordance with 40 CFR 60.8(d), notification of the date for performance testing and a performance testing protocol shall be submitted to KDHE Bureau of Air, Compliance and Enforcement Section at least 30 days prior to such date.

D. NSPS OOOO

The owner or operator of a reciprocating compressor shall comply with the applicable requirements of NSPS OOOO by the date specified in 40 CFR 60.5370.

E. NSPS OOOOa

1. The owner or operator of a centrifugal compressor affected facility shall comply with the applicable requirements in 40 CFR 63.5380a by the date specified in 40 CFR 60.5370a.
2. The owner or operator of a reciprocating compressor affected facility shall comply with the applicable requirements in 40 CFR 63.5385a by the date specified in 40 CFR 60.5370a.
3. The owner or operator of a centrifugal or reciprocation compressor affected facility shall comply with the following applicable requirements:
 - a. 40 CFR 60.5398a- Alternative means of emission limitations
 - b. 40 CFR 60.5410a and 60.5411a- Demonstrate initial compliance
 - c. 40 CFR 60.5412a- Initial compliance with control devices
 - d. 40 CFR 60.5413a- Performance testing
 - e. 40 CFR 60.5415a- Continuous Compliance
 - f. 40 CFR 60.5416a- Cover and closed vent inspection and monitoring requirements
 - g. 40 CFR 60.5417a- Continuous control device monitoring
 - h. 40 CFR 60.5420a- Notification, recordkeeping, and reporting
 - i. 40 CFR 60.5425a- General Provisions

F. Air Emission Conditions

1. If emissions from the engine(s) are controlled by a control device comply with the following requirements:

- a. The owner or operator shall continuously operate the control device(s) while the engine is operating.
 - b. A written maintenance plan for the control device(s) shall be developed, implemented, and maintained.
 - c. The owner or operator shall maintain a log showing the date of all routine or other maintenance, malfunction, or repair of the control device(s), the nature of the action taken on such date, and any corrective action or preventative measures taken.
2. Per the December 7, 2011 KDHE Regulatory Guidance an owner or operator may install a reciprocating internal combustion engine (RICE) subject to 40 CFR Part 63, Subpart ZZZZ without prior approval from the KDHE Bureau of Air.
 3. The owner or operator shall submit manufacturer's specification sheets for each engine along with this application.
 4. The owner or operator shall submit the serial number(s) and date(s) of manufacture of the engine(s) within 30 days of installation.

G. Nonroad Engines

1. The engine shall use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel, in which the per-gallon maximum sulfur content standard is 15 ppm.
2. At no time shall the engine be used as not a nonroad engine unless an appropriate permit is received from the KDHE. As provided in paragraph (2)(iii) of the definition of a "nonroad engine" in 40 CFR 1068.30, a nonroad engine will be considered to be not a nonroad engine if it remains at a location for greater than 12 consecutive months.
3. Should the engine cease to be a nonroad engine and/or become subject to revised or subsequently promulgated state or federal requirements, the owner or operator shall notify the KDHE and comply with the applicable provisions of those requirements.

VIII. Potential Regulatory Requirements for Storage Vessels (Storage Tanks)

Comply with all applicable regulatory requirements. Please see www.ecfr.gov or BOA website for information regarding regulatory requirements. The owner or operator shall comply with 40 CFR Part 60 Subpart A and 40 CFR Part 63 Subpart A, as applicable.

A. NSPS OOOO

The owner or operator shall comply with the requirements of NSPS OOOO, as applicable, by the dates specified in 40 CFR 60.5370.

B. NSPS OOOOa

1. The owner or operator shall comply with applicable requirements in 40 CFR 60.5395a by the date specified in 40 CFR 60.5370a.
2. The owner or operator of a centrifugal or reciprocation compressor affected facility shall comply with the following applicable requirements:
 - a. 40 CFR 60.5410a and 60.5411a- Demonstrate initial compliance
 - b. 40 CFR 60.5412a- Initial compliance with control devices
 - c. 40 CFR 60.5413a- Performance testing
 - d. 40 CFR 60.5415a- Continuous Compliance
 - e. 40 CFR 60.5416a- Cover and closed vent inspection and monitoring requirements
 - f. 40 CFR 60.5417a- Continuous control device monitoring
 - g. 40 CFR 60.5420a- Notification, recordkeeping, and reporting
 - h. 40 CFR 60.5425a- General Provisions

C. NSPS Kb

The owner or operator of a storage tank with a capacity greater than or equal to 75 m³ that is used to store volatile organic liquids for which construction or modification commenced after July 23, 1984 shall comply with the requirements of NSPS Kb, as applicable.

1. 40 CFR 60.112b- Standard for VOC
2. 40 CFR 60.113b- Testing and procedures
3. 40 CFR 60.114b- Alternative means of emission limitations
4. 40 CFR 60.115b- Reporting and recordkeeping requirements
5. 40 CFR 60.116b- Monitoring of operations

D. Air Emission Conditions

1. The owner or operator shall re-evaluate the separator pressure, the separator temperature, and the API gravity of the tank(s) hydrocarbon liquids at this site or a representative site in Kansas. This one-time report shall be submitted to KDHE within 365 days of startup of collection of hydrocarbon liquids at this site. The report shall include a recalculation of the VOC PTE. The recalculated VOC PTE shall be compared to the original VOC PTE in this permit. If the PTE increase is equal to or greater than the thresholds specified in K.A.R. 28-19-300, the owner or operator shall comply with Section XI. B. of this permit.
2. The owner or operator shall conduct a one-time analysis of the tank hydrocarbon liquids at this site or a representative site in Kansas. This report shall be submitted to KDHE within 365 days of startup of collection of crude oil and/or condensate at this site.
3. The owner or operator shall limit VOC emissions from each storage tank to less than 6 tons per 12 month rolling period.
 - a. The owner or operator shall maintain records, using any generally accepted model or calculation method, for each storage tank showing that emissions from each tank were less than 6 tons per 12 month rolling period. This record shall be updated no later than 30 days after the end of the month to which the record relates.
 - b. Should VOC emissions from any storage tank exceed the 6 tpy limit the owner or operator shall submit a report to KDHE with 30 days of the exceedance.
 - i. If VOC emissions from any storage tank exceed the 6 tpy limit the owner or operator shall comply with all applicable requirements in 40 CFR Part 60, Subpart OOOO for the storage tank.
 - c. If the owner or operator chooses to control VOC emissions by limiting the throughput through each storage tank to the amount specified in Section V of this document per each consecutive 12 month period, the owner operator shall comply with the following:
 - i. The owner or operator shall maintain records of the throughput through each tank. Records shall be updated monthly no later than 30 days after the end of the month to which the record relates.
 - ii. The calculated throughput record shall be updated no later than 30 days after the end of the consecutive 12 month period to which the record relates.
 - d. If VOC emissions from each storage tank are controlled by an enclosed combustion device or vapor recovery device, the owner or operator shall comply with the following requirements:
 - i. The owner or operator shall continuously operate the control device(s) while the tank(s) is operating.

- ii. A written maintenance plan for the control device(s) shall be developed, implemented, and maintained.
- iii. The owner or operator shall maintain a log showing the date of all routine or other maintenance, malfunction, or repair of the control device(s), the nature of the action taken on such date, and any corrective action or preventative measures taken.
 - (a) The owner or operator shall continue to track VOC emissions during periods of maintenance, malfunction, or repair of the control device.
- iv. The owner or operator shall operate the control device per manufacturer's specifications.
- v. The owner or operator shall operate the control device with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours. A Method 22 visible emissions test shall be used to determine compliance with the visible emission requirement.
- e. If VOC emissions from each storage tank are controlled by a flare the owner or operator shall comply with the following requirements:
 - i. The owner or operator shall continuously operate the control device(s) while the tank(s) is operating.
 - ii. A written maintenance plan for the control device(s) shall be developed, implemented, and maintained.
 - iii. The owner or operator shall maintain a log showing the date of all routine or other maintenance, malfunction, or repair of the control device(s), the nature of the action taken on such date, and any corrective action or preventative measures taken.
 - (a) The owner or operator shall continue to track VOC emissions during periods of maintenance, malfunction, or repair of the control device.
 - iv. The owner or operator shall operate the control device per manufacturer's specifications.
 - v. The owner or operator shall operate the control device with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours. A Method 22 visible emissions test shall be used to determine compliance with the visible emission requirement.
 - vi. The flare shall be operated with a flame present at all times. Compliance shall be demonstrated by the following method:
 - (a) The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame.

IX. Potential Regulatory Requirements for Other Emission Sources

Comply with all applicable regulatory requirements. Please see www.ecfr.gov or BOA website for information regarding regulatory requirements. The owner or operator shall comply with 40 CFR Part 60 Subpart A and 40 CFR Part 63 Subpart A, as applicable.

A. NSPS GG

In accordance with 40 CFR 60.330 the owner or operator of a stationary turbine with a heat input at peak load greater than 10 MMBtu/hr shall comply with the applicable requirements specified in 40 CFR Part 60 Subpart GG.

1. 40 CFR 60.332- Standards for nitrogen oxides (NO_x)
2. 40 CFR 60.333- Standards for sulfur oxides (SO_x)
3. 40 CFR 60.334- Monitoring of operations
4. 40 CFR 60.335- Test methods and procedures

B. NSPS KKKK

In accordance with 40 CFR 60.4305 the owner or operator of a stationary turbine with a heat input at peak load equal to or greater than 10 MMBtu/hr, based on the higher heating value of the fuel, which commenced construction, modification, or reconstruction after February 18, 2005 shall comply with the applicable requirements of 40 CFR Part 60 Subpart KKKK.

1. 40 CFR 60.4315 through 40 CFR 60.4330- Emission limits
2. 40 CFR 60.4333- General compliance requirements
3. 40 CFR 60.4335 through 40 CFR 60.4370- Monitoring
4. 40 CFR 60.4375 through 40 CFR 60.4395- Reporting
5. 40 CFR 60.4400 through 40 CFR 60.4415- Performance Tests

C. NSPS OOOO

1. Each pneumatic controller affected facility, which is a single continuous bleed natural gas driven pneumatic controller operating at a natural gas bleed rate greater than 6 scfh shall comply with the requirements of NSPS OOOO, as applicable by the date specified in 40 CFR 60.5370.
2. Each gas well affected facility, which is a single natural gas well, shall comply with the applicable standards for gas well facilities as specified in NSPS OOOO by the date specified in 40 CFR 60.5370.

D. NSPS OOOOa

1. Each well affected facility shall comply with the following as applicable:
 - a. 40 CFR 60.5375a- Standards for well affected facilities
 - b. 40 CFR 60.5398a- Alternative means of emission limitations
 - c. 40 CFR 60.5410a - Demonstrate initial compliance
 - d. 40 CFR 60.5415a- Continuous Compliance
 - e. 40 CFR 60.5420a- Notification, recordkeeping, and reporting
 - f. 40 CFR 60.5425a- General Provisions
2. Each pneumatic controller affected facility shall comply with the following as applicable:
 - a. 40 CFR 60.5390a- Standards for pneumatic controller affected facilities
 - b. 40 CFR 60.5410a- Demonstrate initial compliance
 - c. 40 CFR 60.5415a- Continuous Compliance
 - d. 40 CFR 60.5420a- Notification, recordkeeping, and reporting
 - e. 40 CFR 60.5425a- General Provisions
3. Each pneumatic pump affected facility shall comply with the following as applicable:
 - a. 40 CFR 60.5390a- Standards for pneumatic controller affected facilities
 - b. 40 CFR 60.5410a and 60.5411a- Demonstrate initial compliance
 - c. 40 CFR 60.5415a- Continuous Compliance
 - d. 40 CFR 60.5416a- Cover and closed vent monitoring requirements
 - e. 40 CFR 60.5420a- Notification, recordkeeping, and reporting
 - f. 40 CFR 60.5425a- General Provisions

4. The owner or operator shall comply with the applicable requirements for fugitive emissions specified in 40 CFR 60.5397a:
 - a. 40 CFR 60.5398a- Alternative means of emission limitations
 - b. 40 CFR 60.5410a- Demonstrate initial compliance
 - c. 40 CFR 60.5415a- Continuous Compliance
 - d. 40 CFR 60.5420a- Notification, recordkeeping, and reporting
 - e. 40 CFR 60.5425a- General Provisions

E. Air Emission Conditions

1. If the flare is used to control H₂S emissions from the natural gas production stream:
 - a. The natural gas production stream shall be routed to the process flare or to a natural gas sales pipeline at all times. The flare shall be operated at all times the natural gas production stream is routed to it.
 - b. A written maintenance plan for the control device(s) shall be developed, implemented, and maintained.
 - c. The owner or operator shall maintain a log showing the date of all routine or other maintenance, malfunction, or repair of the control device(s), the nature of the action taken on such date, and any corrective action or preventative measures taken.
 - d. The owner or operator shall maintain records of the total days of operation and total gas flow routed to the flare. Additionally, the owner or operator shall record the installation date and removal date of the flare. These records shall be updated monthly, no later than the last day of the month following the month to which the record relates.
2. Visible contaminant emission from indirect heating equipment (heater treater(s)) are limited to less than 20 percent, in accordance with K.A.R. 28-19-31(b)(2).
3. Particulate matter emissions from indirect heating equipment (heater treater(s)) are limited to the provisions specified in K.A.R. 28-19-31(a).
4. The air emission estimates listed in the table Section II of this document were based the production rate specified in Section I. Actual operational conditions shall be consistent with the production rate provided.
 - a. Should production exceed the provided rate the owner or operator shall comply with the provisions specified in Section XI. B of this document.
 - b. Should emissions of regulated pollutants increase above the Title V thresholds, the owner or operator shall submit an application in accordance with K.A.R. 28-19-500.

X. Facility-wide Notification, Recordkeeping, and Reporting

- A.** Except where specified in the regulations, any required documentation shall be readily available on-site or electronically available for two (2) years from the date of the record.
- B.** The owner or operator shall notify the KDHE Air Quality Representative at the appropriate KDHE district or local office within 30 days of initial startup. Please see attached map to determine the phone number of the appropriate district or local office.

XI. General Provisions

- A.** This document shall become void if the construction or modification has not commenced within 18 months of the effective date, or if the construction or modification is interrupted for a period of 18 months or longer.

- B.** A construction permit or approval shall be issued by KDHE prior to commencing any construction or modification of equipment or processes which results in PTE increases equal to or greater than the thresholds specified at K.A.R. 28-19-300.
- C.** Upon presentation of credentials and other documents as may be required by law, representatives of the KDHE (including authorized contractors of the KDHE) shall be allowed to:
1. enter upon the premises where a regulated facility or activity is located or conducted or where records must be kept under conditions of this document;
 2. have access to and copy, at reasonable times, any records that must be kept under conditions of this document;
 3. inspect, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this document; and
 4. sample or monitor, at reasonable times, for the purposes of assuring compliance with this document or as otherwise authorized by the Secretary of the KDHE, any substances or parameters at any location.
- D.** The emission unit or stationary source which is the subject of this document shall be operated in compliance with all applicable requirements of the Kansas Air Quality Act and the federal Clean Air Act.
- E.** This document is subject to periodic review and amendment as deemed necessary to fulfill the intent and purpose of the Kansas Air Quality Statutes and Regulations.
- F.** This document does not relieve the permittee of the obligation to obtain any approvals, permits, licenses, or documents of sanction which may be required by other federal, state, or local agencies.
- G.** The owner or operator shall comply with all applicable provisions of 40 CFR Part 60 and 40 CFR Part 63. If a conflict exists between references in this document and the regulation, the regulation shall take precedence.

I certify that the above information and attachments are true, accurate, and complete.

Signature: _____

Date: _____

Name: _____

Title: _____