



**OAQ SOURCE SPECIFIC OPERATING AGREEMENT**  
**OA-13: External Combustion Sources**  
**(326 IAC 2-9-13)**

State Form 53450 (R / 1-10)  
**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**

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**NOTES:**

- The purpose of this form is to identify all of the source specific operating agreement requirements for 326 IAC 2-9-13.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- Rule specific definitions are listed in 326 IAC 2-9-13(a) for boiler, dryer, oven, process heater, space heater, and water heater.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.

**Part A: Source Description**

Part A identifies the source and describes the nature, design capacity, and typical operating schedule of the source.

<b>1. Source Description:</b>			
<b>2. Sourcewide Design Capacity</b> <i>(specify units of measure):</i>			
<b>3. Operation Schedule:</b>	hours per day	days per week	weeks per year

**Part B: Operating Agreement**

Part B certifies that the operation qualifies for the source specific operating agreement.

**4. Operating Agreement**

I have reviewed the requirements under 326 IAC 2-9 and have determined that the proposed operation qualifies for a source specific operating agreement (SSOA) under this rule.

Name <i>(typed)</i>	Title
Signature	Date <i>(month, day, year)</i>

### Part C: Compliance Option

Part C identifies the option that source is choosing for compliance with the requirements of 326 IAC 2-9-13.

Choose only **ONE** of the following options.

**OPTION 1:** I will comply with the requirements of 326 IAC 2-9-13 by carrying out the following set of requirements for any external combustion source, including any combination of boilers, space heaters, ovens, dryers, or water heaters.

Process Limitation: 326 IAC 2-9-13(b) (1) and (2)(A)

- Visible emissions from the source shall not exceed twenty percent (20%) opacity in twenty-four (24) consecutive readings in a six (6) minute period. The opacity shall be determined using 40 CFR 60, Appendix A, Method 9\*.
- Limit fuel usage for every twelve (12) month period to less than the limits found in subsection (f), Table 1 for a single fuel or a combination of two (2) fuels.

Monitoring Requirements: 326 IAC 2-9-13(c)

Sources must be able to demonstrate compliance no later than thirty (30) days after receipt of a written request by the department or U.S. EPA. No other demonstration of compliance shall be required. A source specific operating agreement is not required for these sources.

**OPTION 2:** I will comply with the requirements of 326 IAC 2-9-13 by carrying out the following set of requirements for any external combustion source, including any combination of boilers, space heaters, ovens, dryers, or water heaters.

Process Limitation: 326 IAC 2-9-13(b) (1) and (2)(B)

- Visible emissions from the source shall not exceed twenty percent (20%) opacity in twenty-four (24) consecutive readings in a six (6) minute period. The opacity shall be determined using 40 CFR 60, Appendix A, Method 9\*.
- Limit fuel usage for every twelve (12) month period to less than the limits found in subsection (g), Table 2 for a single fuel or a combination of two (2) fuels.

Record Keeping Requirements: 326 IAC 2-9-13(e)

The following records shall be kept at the source:

- (1) Hours operated for each combustion unit.
- (2) Records of annual fuel usage for each combustion unit.
- (3) Routine maintenance records.

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**Part D: Fuel Limits**

Part D specifies the fuel limits associated with 326 IAC 2-9-13.

**TABLE 1 [326 IAC 2-9-13(f)]**

Fuel	Maximum Fuel Usage per Year	
<b>Single Fuel</b>		
Natural gas; Maximum capacity: 0.3 to <10 MMBtu/hr	1,000.0	MMCF
Natural gas; Maximum capacity: 10 to 100 MMBtu/hr	714.0	MMCF
Natural gas; Maximum capacity: >100 MMBtu/hr	181.0	MMCF
Fuel oil #1 and #2 (distillate)	1,408.0	kgals
Fuel oil #5 and #6 (distillate)	181.0	kgals
Liquified petroleum gas (LPG)	5,263.0	MMCF
Coal (bituminous and subbituminous)	786.0	tons
Bark-only	5,882.0	tons
Wood-only	7,352.0	tons
Wood and bark	7,352.0	tons
<b>Dual Fuel</b>		
Natural gas / Fuel oil #1 and #2 (distillate)	976.0	MMCF
Maximum capacity: 0.3 to <10 MMBtu/hr	117.0	kgals
Natural gas / Fuel oil #1 and #2 (distillate)	697.0	MMCF
Maximum capacity: 10 to 100 MMBtu/hr	117.0	kgals
Natural gas / Fuel oil #1 and #2 (distillate)	177.0	MMCF
Maximum capacity: >100 MMBtu/hr	117.0	kgals
Fuel oil #1 and #2 (distillate) / Natural gas	1,407.0	kgals
Maximum capacity: 0.3 to <10 MMBtu/hr	83.0	MMCF
Fuel oil #1 and #2 (distillate) / Natural gas	1,407.0	kgals
Maximum capacity: 10 to 100 MMBtu/hr	59.0	MMCF
Fuel oil #1 and #2 (distillate) / Natural gas	1,407.0	kgals
Maximum capacity: >100 MMBtu/hr	15.0	MMCF
Fuel oil #1 and #2 (distillate) / Fuel oil #5 and #6 (residual)	1,291.0	kgals
	15.0	kgals
Coal (bituminous and subbituminous) / Bark, wood, or wood and bark	786.0	tons
	490.0	tons
Bark, wood, or wood and bark / Coal (bituminous and subbituminous)	5,858.0	tons
	65.0	tons

**Part D: Fuel Limits**

Part D specifies the fuel limits associated with 326 IAC 2-9-13.

**TABLE 2 [326 IAC 2-9-13(g)]**

Fuel	Maximum Fuel Usage per Year	
<b>Single Fuel</b>		
Natural gas; Maximum capacity: 0.3 to <10 MMBtu/hr	1,600.0	MMCF
Natural gas; Maximum capacity: 10 to 100 MMBtu/hr	1,142.0	MMCF
Natural gas; Maximum capacity: >100 MMBtu/hr	290.0	MMCF
Fuel oil #1 and #2 (distillate)	2,253.0	kgals
Fuel oil #5 and #6 (distillate)	291.0	kgals
Liquified petroleum gas (LPG)	8,421.0	MMCF
Coal (bituminous and subbituminous)	1,258.0	tons
Bark-only	9,411.0	tons
Wood-only	11,764.0	tons
Wood / bark	11,764.0	tons
<b>Dual Fuel</b>		
Natural gas / Fuel oil #1 and #2 (distillate)	1,562.0	MMCF
Maximum capacity: 0.3 to <10 MMBtu/hr	187.0	kgals
Natural gas / Fuel oil #1 and #2 (distillate)	1,115.0	MMCF
Maximum capacity: 10 to 100 MMBtu/hr	187.0	kgals
Natural gas / Fuel oil #1 and #2 (distillate)	284.0	MMCF
Maximum capacity: >100 MMBtu/hr	187.0	kgals
Fuel oil #1 and #2 (distillate) / Natural gas	2,252.0	kgals
Maximum capacity: 0.3 to <10 MMBtu/hr	133.0	MMCF
Fuel oil #1 and #2 (distillate) / Natural gas	2,252.0	kgals
Maximum capacity: 10 to 100 MMBtu/hr	95.0	MMCF
Fuel oil #1 and #2 (distillate) / Natural gas	2,252.0	kgals
Maximum capacity: >100 MMBtu/hr	24.0	MMCF
Fuel oil #1 and #2 (distillate) / Fuel oil #5 and #6 (residual)	2,065.0	kgals
	24.0	kgals
Coal (bituminous and subbituminous) / Bark, wood, or wood and bark	1,258.0	tons
	784.0	tons
Bark, wood, or wood and bark / Coal (bituminous and subbituminous)	9,373.0	tons
	104.0	tons