

DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Standard Operating Permit Condition VIII – Visible Emissions and Particulate Matter Monitoring Plan for Gas-Fired Fuel Burning Equipment

**Permit Condition for Air Quality Permits
Adopted by Reference in 18 AAC 50.346**

April 1, 2002

REVISED August 25, 2004

Standard Operating Permit Condition VIII –Visible Emissions and Particulate Matter Monitoring Plan for Gas-Fired Fuel Burning Equipment

Emission Unit [SOURCE] or Stationary Source [FACILITY] Categories This Condition Applies to: Gas-fired fuel burning equipment subject to the opacity standard of 18 AAC 50.055(a)(1), except flares.

The department will use standard operating permit condition VIII in any operating permit unless the department determines that emission unit [SOURCE] or stationary source [FACILITY] specific conditions more adequately meet the requirements of 18 AAC 50.

Circumstances where emission unit [SOURCE] or stationary source [FACILITY] specific conditions more adequately meet 18 AAC 50 include:

1. if the department finds that equipment may not adequately eliminate entrained liquid.

Permit Wording:

1. **Visible Emissions.** The permittee shall not cause or allow visible emissions, excluding condensed water vapor, emitted from <identify emission units [SOURCES]> to reduce visibility through the exhaust effluent by more than 20 percent averaged over any six consecutive minutes. (18 AAC 50.055(a)(1))

1.1 **Monitoring, Record Keeping, and Reporting.**

- a. The permittee shall use only gas as fuel in emission units [SOURCES] <emission unit [SOURCE] citations>. The permittee shall certify in each operating report required under condition <insert cross reference to standard permit condition VII - operating reports> that the emission unit [SOURCE] burned only gas.
 - b. The permittee shall report under condition <insert cross reference to standard permit condition III - excess emissions and permit deviation reports> if any fuel is burned other than gas.
2. **Particulate Matter Emissions.** In accordance with 18 AAC 50.055(b)(1), the permittee shall not cause or allow particulate matter emitted from <identify emission units [SOURCES] > to exceed 0.05 grains per cubic foot of exhaust gas corrected to standard conditions and averaged over three hours.

2.1 **Monitoring, Record Keeping, and Reporting.** The permittee shall comply with condition VIII.1.1.