

**ALASKA 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 {*adoption date of regulations*} [August 25, 2004]

# Standard Operating Permit Condition VIII –Visible Emissions and Particulate Matter Monitoring Plan for Gas[-FIRED] Fuel-Burning Equipment

**Emissions** [EMISSION] Unit or Stationary Source 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** [DEPARTMENT] will use **Standard Operating Permit Condition (SPC)** [STANDARD PERMIT CONDITION] VIII in any operating permit unless the **Department** [DEPARTMENT] determines that emission unit- or stationary source-specific conditions more adequately meet the requirements of 18 AAC 50.

**Circumstances where emission unit or stationary source specific conditions more adequately meet 18 AAC 50 include:**

1. if the **Department** [DEPARTMENT] finds that equipment may not adequately eliminate entrained liquid **from the gas fuel**.

## Permit Wording:

1. **Industrial Process and Fuel-Burning Equipment Visible Emissions.** The **Permittee** [PERMITTEE] shall not cause or allow visible emissions, excluding condensed water vapor, emitted from **EU(s)** < **insert EU numbers** [IDENTIFY EMISSION UNITS]> **listed in Table** < **insert Table of Emissions Unit Inventory** > to reduce visibility through the exhaust effluent by more than 20 percent averaged over any six consecutive minutes.

[18 AAC 50.040(j), 50.055(a)(1), & 50.326(j)]  
[40 C.F.R. 71.6(a)(1)]

- 1.1 **Monitoring, Recordkeeping** [RECORD KEEPING], and **Reporting.** **For EU(s)** <**insert EU numbers of gas fuel-burning equipment**> **burn only gas as fuel.** **Monitoring for these emissions units shall consist of a statement in each operating report under Condition** <**insert cross reference to SPC VII - Operating Reports**> **indicating whether each of these emissions units burned only gas during the period covered by the report. Report under Condition** <**insert cross reference to SPC III - Excess Emissions and Permit Deviation Reports**> **if any fuel other than gas is burned.**

[18 AAC 50.040(j), 50.326(j), & 50.346(c)]  
[40 C.F.R. 71.6(a)(3)]

[

- a. THE PERMITTEE SHALL USE ONLY GAS AS FUEL IN EMISSION UNITS <EMISSION UNIT 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 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. **Industrial Process and Fuel-Burning Equipment Particulate Matter Emissions.** [ IN ACCORDANCE WITH 18 AAC 50.055(B)(1), THE] **The Permittee** [PERMITTEE] shall not cause or allow particulate matter emitted from **EU(s) <insert EU numbers of gas fuel-burning equipment** [IDENTIFY EMISSION UNITS]> **listed in Table <insert reference to Table of Emissions Unit Inventory>** to exceed 0.05 grains per cubic foot of exhaust gas corrected to standard conditions and averaged over three hours.

**[18 AAC 50.040(j), 50.055(b)(1) & 50.326(j)]**  
**[40 C.F.R. 71.6(a)(1)]**

- 2.1 **Monitoring, Recordkeeping [RECORD KEEPING], and Reporting.** The **Permittee** [PERMITTEE] shall comply with **Condition** [CONDITION VIII.] 1.1.

**[18 AAC 50.040(j), 50.326(j), & 50.346(c)]**  
**[40 CFR 71.6(a)(3)]**