

**ALASKA DEPARTMENT OF  
ENVIRONMENTAL CONSERVATION**

**Standard [OPERATING] Permit Condition V –  
Insignificant Emissions [EMISSION] Units**

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

**April 1, 2002**

**REVISED {*adoption date of regulations*} [SEPTEMBER 27, 2010]**

## **Standard [OPERATING] Permit Condition V – Insignificant Emissions [EMISSION] Units**

### **Emissions [EMISSION] Unit Categories This Condition Applies to:**

#### **Emissions [EMISSION] Units**

1. that are insignificant as defined in 18 AAC 50.326(d) – (i);
2. that do not have control equipment for complying with an emissions standard or reducing emissions below a threshold in 18 AAC 50.326(e); and
3. for which the **Department [DEPARTMENT]** has not included monitoring, recordkeeping, or reporting **requirements** in another condition of the permit to ensure compliance with an emission standard other than 18 AAC 50.110.

Standard **Permit Condition [PERMIT CONDITION] (SPC) V** will be used in any operating permit unless the Department determines that **emissions [EMISSION] unit- or stationary source-** specific conditions more adequately meet the requirements of 18 AAC 50.

### **The following apply to this standard permit condition:**

1. **Standard Permit Condition V reiterates that the emission standards of 18 AAC 50.050(a) and 50.055 apply to insignificant emissions units (see Conditions 1.1 - 1.3).**
2. **References to incinerator and citation 18 AAC 50.050(a) in Condition 1.1 and Statement of Basis apply only if the stationary source operates an incinerator classified as insignificant per 18 AAC 50.326(d) – (i).**

### **Permit Wording:**

1. For [EU ID(S) < *INCLUDE EMISSION UNIT IDENTIFICATION FOR ANY INSIGNIFICANT EMISSION UNITS LISTED IN THE PERMIT THAT QUALIFY FOR THIS CONDITION*> LISTED IN TABLE A AND FOR] **emissions [EMISSION]** units at the stationary source that are insignificant as defined in 18 AAC 50.326(d) – (i) that are not listed in this permit, the following apply:
  - 1.1 **Visible Emissions Standard.** The Permittee shall not cause or allow visible emissions, excluding condensed water vapor, emitted from an industrial process or fuel-burning equipment, or an incinerator to reduce visibility through the exhaust effluent by more than 20 percent averaged over any six consecutive minutes.

[18 AAC 50.050(a) & 50.055(a)(1)]
  - 1.2 **Particulate Matter Standard.** The Permittee shall not cause or allow particulate matter emitted from an industrial process or fuel-burning equipment to exceed 0.05 grains per cubic foot of exhaust gas corrected to standard conditions and averaged over three hours.

[18 AAC 50.055(b)(1)]

- 1.3 **Sulfur Standard.** The Permittee shall not cause or allow sulfur compound emissions, expressed as SO<sub>2</sub>, from an industrial process or fuel-burning equipment, to exceed 500 ppm averaged over three hours.

[18 AAC 50.055(c)]

1.4 **General Monitoring, Recordkeeping, and Reporting (MR&R) for Insignificant Emissions [EMISSION] Units. The Permittee shall comply with the following:**

- a. [THE PERMITTEE SHALL SUBMIT] **Submit** the compliance certifications of Condition <insert *cross* reference to **Annual Compliance Certifications** [COMPLIANCE CERTIFICATIONS] *condition*> based on reasonable inquiry;
- b. [THE PERMITTEE SHALL COMPLY] **Comply** with the requirements of Condition <insert *cross* reference to **SPC II - Air Pollution Prohibited** [PERMIT CONDITION]>; **and**
- c. [THE PERMITTEE SHALL REPORT] **Report** in the operating report required by Condition <insert *cross* reference to **SPC VII - Operating Reports** [STANDARD PERMIT CONDITION]> if **current actual emissions of an emissions [EMISSION] unit that** has historically been classified as insignificant [BECAUSE OF ACTUAL EMISSIONS LESS THAN THE THRESHOLDS OF 18 AAC 50.326(E) AND CURRENT ACTUAL EMISSIONS] **have** become greater than any of [THOSE] **the significant emissions thresholds of 18 AAC 50.326(e).**[; AND]
- d. No other monitoring, recordkeeping or reporting is required[, EXCEPT AS PROVIDED IN CONDITIONS <REFER TO CONDITION(S) THAT STATE THE MR&R REQUIRED FOR EU(S) SUBJECT TO OPERATING LIMITS>] **for insignificant emissions units to demonstrate compliance with the emissions standards under Conditions 1.1, 1.2, and 1.3.**

[18 AAC **50.040(j)(3), 50.32(j)(3), & 50.346(b)(4)**]

**[40 C.F.R. 71.6(a)(1) & (3)]**

[THE FOLLOWING APPLY TO THIS STANDARD PERMIT CONDITION:

1. STANDARD PERMIT CONDITION V WILL BE USED WITH CONDITIONS THAT REITERATES THE THAT THE EMISSION STANDARDS OF 18 AAC 50.055 AS THEY ALSO APPLY TO INSIGNIFICANT SOURCES (SEE CONDITIONS V.1.1 - 1.3).]

## STATEMENT OF BASIS FOR INSIGNIFICANT EMISSIONS UNITS

### Condition <insert Condition number>, Insignificant Emissions Units

**Legal Basis:** The Permittee is required to meet the state emission standards [SET OUT] in 18 AAC 50.050(a) for all incinerators regardless of size and 18 AAC 50.055 for all industrial processes and fuel-burning equipment[, AND INCINERATORS] regardless of size. 18 AAC 50.050(a) and 18 AAC 50.055 are contained in the federally-approved SIP. The Department also added permit conditions for MR&R as required by 40 C.F.R. 71.6(a)(3) and 71.6(c)(1).

**Factual Basis:** The condition [CONDITIONS] requires insignificant emissions units to comply with [RE-ITERATE] the state emission standards for visible emissions, particulate matter emissions, and sulfur-compound emissions [AND REQUIRE COMPLIANCE FOR INSIGNIFICANT EMISSION UNITS. THE PERMITTEE MAY NOT CAUSE OR ALLOW THEIR EQUIPMENT TO VIOLATE THESE STANDARDS.] Insignificant emissions [EMISSION] units are not generally listed in [THE] operating permits [PERMIT] unless specific monitoring, recordkeeping and reporting are necessary to ensure compliance with the state emission standards. However, the Permittee may not cause or allow insignificant emissions units at the stationary source to violate these standards whether or not they are listed in the operating permit. [

(OPTIONAL TEXT)] The Department finds that the insignificant emissions units at this stationary source do not require specific monitoring, recordkeeping and reporting to ensure compliance under these conditions.

[(OPTIONAL TEXT)] Condition 1.4a [V1.4(a)] requires certification that the insignificant emissions units did not exceed state emission standards during the previous year and did not emit any prohibited air pollution, based on reasonable inquiry. [FOR EU ID(S) <>, AS LONG AS THEY DO NOT EXCEED THE OPERATIONAL LIMITS OF THEIR HOURS OF OPERATION AS STATED IN CONDITION <REFER TO CONDITION(S) THAT STATE PERTINENT OPERATIONAL LIMITS>, THEY ARE CONSIDERED INSIGNIFICANT EMISSION UNITS AND NO MONITORING IS REQUIRED IN ACCORDANCE WITH DEPARTMENT POLICY AND PROCEDURE NO. AWQ 04.02.103, TOPIC # 3, 10/8/04 FOR SMALL EMISSION UNITS SUBJECT TO OPERATING LIMITS.]

The Department used the language in SPC V, adopted by reference under 18 AAC 50.346(b)(4), for the permit condition.