

**ALASKA DEPARTMENT OF ENVIRONMENTAL
CONSERVATION**

**Standard Permit Condition V –
Insignificant Emissions Units**

Permit Condition for Air Quality Permits

Adopted by Reference in 18 AAC 50.346

April 1, 2002

Revised July 22, 2020

Standard Permit Condition V – Insignificant Emissions Units

Emissions Unit Categories This Condition Applies to:

Emissions 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 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 (SPC) V will be used in any operating permit unless the Department determines that emissions 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 emissions 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 SO₂, 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 Units. The Permittee shall comply with the following:

- a. Submit the compliance certifications of Condition *<insert cross reference to Annual Compliance Certifications condition>* based on reasonable inquiry;
- b. Comply with the requirements of Condition *<insert cross reference to SPC II - Air Pollution Prohibited>*; and
- c. Report in the operating report required by Condition *<insert cross reference to SPC VII - Operating Reports>* if an emissions unit 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 thresholds
- d. No other monitoring, recordkeeping or reporting is required 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)]

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 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 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 requires insignificant emissions units to comply with the state emission standards for visible emissions, particulate matter emissions, and sulfur-compound emissions. Insignificant emissions units are not generally listed in operating permits 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.

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.

Condition 1.4a 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.

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