

**ALASKA DEPARTMENT OF ENVIRONMENTAL
CONSERVATION**

**Standard Permit Condition XVI – Emission Inventory
Reporting Form**

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

September 27, 2010

Revised (via repeal and readoption) {*adoption date of regulations*}

Emission Inventory Form

A detailed instruction on completing and submitting the emission inventory form is available on the Department's Air Online Services (AOS) system at

<http://dec.alaska.gov/Applications/Air/airtoolsweb/PointSourceEmissionInventory> by selecting the "Emission Inventory Instructions" button. This form can also be completed online in the Department's AOS system at <http://dec.alaska.gov/applications/air/airtoolsweb> and selecting the Permittee Portal option.

Complete this page for each Stationary Source.

Alaska Department of Environmental Conservation			
Division of Air Quality			
Emission Inventory Form			
Stationary Source Detail Information			
Emissions Inventory Year:		Check one: Annual <input type="checkbox"/>	Triennial <input type="checkbox"/>
ADEC ID (PERMIT NUMBER):			
Census Area/Borough:			
Facility Name:			
Facility Physical Address:			
Latitude (decimal degrees):		Longitude (decimal degrees):	
Owner Contact Name:			
Owner Mailing Address:			
Line of Business (NAICS):			
Facility Status (check one):	Operating <input type="checkbox"/>	Temporarily Shutdown <input type="checkbox"/>	Permanently Shutdown <input type="checkbox"/>
Facility Status Year:	(Enter year the facility acquired the Facility Status above)		

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Complete the following pages for each Emissions Unit's Primary and Secondary Source (make copies as needed for additional Emissions Units)

Emission Unit Data			
> EMISSION UNIT SPECIFICATIONS			
Emission Unit ID:			
Description/Name:			
Status (check one):	Operating <input type="checkbox"/>	Temporarily Shutdown <input type="checkbox"/>	Permanently Shutdown <input type="checkbox"/>
Status Year:			
Design Capacity:			
> EMISSION UNIT CONTROL EQUIPMENT (as applicable)			
Control Equipment ID:			
Control System Description:			
Control Equipment Type:			
Control Approach Capture Efficiency (%):			
Control Approach Effectiveness (%):			
Pollutants Controlled	Reduction Efficiency (%)	Pollutants Controlled	Reduction Efficiency (%)

> EMISSION UNIT PRIMARY PROCESS					
SCC Code:					
> THROUGHPUT					
Material Processed	Amount		Unit of Measure		
> EMISSIONS					
Pollutant	Emission (EF) Factor	EF Numerator	EF Denominator	Emission Calculation Method	Tons (TPY) Emitted
Carbon Monoxide (CO)					
Ammonia (NH ₃)					
Lead (Pb) and Pb Compounds					
Nitrogen Oxides (NO _x)					
PM ₁₀ Primary					
PM _{2.5} Primary					
PM Condensable (if applicable)					
PM ₁₀ Filterable (if applicable)					
PM _{2.5} Filterable (if applicable)					
Sulfur Dioxide (SO ₂)					
Volatile Organic Compounds (VOC)					

> EMISSION UNIT SECONDARY PROCESS (where applicable)					
SCC Code:					
> THROUGHPUT					
Material Processed		Amount		Unit of Measure	
> EMISSIONS					
Pollutant	Emission (EF) Factor	EF Numerator	EF Denominator	Emission Calculation Method	Tons (TPY) Emitted
Carbon Monoxide (CO)					
Ammonia (NH ₃)					
Lead (Pb) and Pb Compounds					
Nitrogen Oxides (NO _x)					
PM ₁₀ Primary					
PM _{2.5} Primary					
PM Condensable (if applicable)					
PM ₁₀ Filterable (if applicable)					
PM _{2.5} Filterable (if applicable)					
Sulfur Dioxide (SO ₂)					
Volatile Organic Compounds (VOC)					

Stack (Release Point) Data					
> RELEASE POINT SPECIFICATIONS					
Release Point ID:		Type:			
Description/Name:					
Status (check one):	Operating <input type="checkbox"/>	Temporarily Shutdown <input type="checkbox"/>	Permanently Shutdown <input type="checkbox"/>		
Status Year:		Apportionment %:			
> RELEASE POINT STACK PARAMETERS					
Stack Height (ft)	Stack Diameter (ft)	Exit Gas Temp (°F)	*Exit Gas Velocity (fps)	*Exit Gas Flow Rate (acfm)	
*Please provide <i>either</i> exit gas velocity or actual exit gas flow rate or both					
> RELEASE POINT GEOGRAPHIC COORDINATES					
Latitude (decimal degrees):		Longitude (decimal degrees):			

Certification:

Based on information and belief formed after reasonable inquiry, I certify that the statements and information in and attached to this document are true, accurate, and complete.

Printed Name: _____ Title: _____ Date: _____

Signature: _____ Phone number: _____

NOTE: *This document containing the complete emissions inventory report for the stationary source must be certified in accordance with 18 AAC 50.345(j). Read and sign the certification in the bottom of the form above. (See Condition <insert cross reference to Condition 1 (Certification) of SPC XVII – Reporting Requirements>.)*

Submit this report in accordance with the submission instructions on the Department’s Standard Permit Conditions web page.

If submitted online, the complete report must be submitted by an authorized E-Signer for the stationary source according to Condition <insert cross reference to Condition 1.1 (under Certification) of Standard Permit Condition XVII – Reporting Requirements >.

[18 AAC 50.346(b)(9)]

The following information is provided to facilitate public review of the proposed changes and will not be included in the final Standard Condition and Statement of Basis.

REASON FOR THE STANDARD PERMIT CONDITION CHANGES:

This version rescinds and replaces the September 27, 2010 version of the Standard Permit Condition (SPC) XVI – Emission Inventory Reporting Form to make the Emission Inventory form more consistent with the data elements called for in Tables 2a and 2b to Appendix A to 40 C.F.R. 51 Subpart A. This version also matches the form included in the Emission Inventory Instructions available in the Department’s Air Online Services (AOS) system at <http://dec.alaska.gov/applications/air/airtoolsweb/PointSourceEmissionInventory>.