

# **APPLICATION FOR A PREAPPROVED EMISSION LIMIT DIESEL GENERATOR FACILITY - 18 AAC 50.230(c)**

**SOURCE IDENTIFICATION**

Source Name: \_\_\_\_\_

Source Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Longitude/Latitude or UTM Coordinates: \_\_\_\_\_

Source Contact: \_\_\_\_\_ Title: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

I, \_\_\_\_\_, being the duly authorized representative for \_\_\_\_\_, hereby submit the request under 18 AAC 50.230(a), (b), and (c) for a preapproved maximum limit of  gallons of diesel fuel per year for use in the diesel engines noted below.

**A.** Please list all diesel engines subject to this limit:

	Source ID	Manufacturer/ Model	Rated Capacity (Hp or kW)
1			
2			
3			
4			
5			

(Use additional pages or attachments as necessary)

**B.** Taking the preapproved fuel limit for the above listed diesel engines, divide the limit by 3,309. This number is  tons per year of nitrogen oxides.

**C.** Taking other non-listed sources at the facility, if any, and the appropriate emission factors from U.S. EPA AP-42, calculate the *potential to emit* (PTE) of nitrogen oxides in tons per year using the rated capacity of the non-listed equipment, running 8,760 hours per year and 2,000 pounds per ton. Based on the calculations, these other sources have the potential to emit  tons per year of nitrogen oxides.

**D.** The total maximum emissions of nitrogen oxides at the facility is the sum of the contribution from the listed diesel engines operating under the preapproved limit, and the PTE from all other non-listed sources. The facility total, using the requested preapproved limit, will be  tons per year of nitrogen oxides.

Please remember that if you are submitting this application to avoid the requirement to obtain an operating permit, your facility's total maximum emissions of nitrogen oxides at the facility (box **D.** above) must be less than 100 tons per year.

In order to qualify for this pre-approved limit request under 18 AAC 50.230(a), (b), and (c), we agree to the following conditions listed in 18 AAC 50.230(c)(2)(A) - (D):

- (1) limit the quantity of fuel burned in the equipment listed in this application during any consecutive 12 months to no more than this preapproved limit request [18 AAC 50.230(c)(1)(C)];
- (2) record the amount of diesel fuel consumed in the diesel engines listed in this application [18 AAC 50.230(c)(1)(B)] each month and calculate the total fuel consumed in these diesel engines during the preceding 12 months;
- (3) keep all receipts for fuel purchases and all records and calculations under the previous requirement, available for inspection for at least five years; and
- (4) no later than January 31 of each year, submit to the Department a copy of the records and calculations for fuel consumption for the preceding year [required by 18 AAC 50.230(c)(2)(B)].

Based on information and belief formed after reasonable inquiry, I certify that the information in this request is true, accurate, and complete; and that I, as the owner or operator fully understand the conditions required under 18 AAC 50.230(c)(2) and agree to those conditions in order to limit nitrogen oxides emissions from the diesel engines listed under **A.** of this request to no more than the value calculated under **B.** of this request.

\_\_\_\_\_  
Signature of Source Owner/Operator

\_\_\_\_\_  
Date

State of Alaska

City of \_\_\_\_\_, Borough of \_\_\_\_\_

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_ before me personally appeared \_\_\_\_\_, whose identity was proven to me on the basis of satisfactory evidence to be the person whose name is subscribed in this instrument, and acknowledged that he (she) executed the same.

SEAL:

\_\_\_\_\_  
Notary Public

My Commission Expires on \_\_\_\_\_

**Please mail the completed application form to:**

ADEC - Air Permits Program  
619 Ship Creek, Suite 249  
Anchorage, AK 99501  
Attn: PAEL APP

**18 AAC 50.230. Preapproved emission limits.** (a) This section sets out limits for certain stationary sources that become effective the day after the department receives a request containing all the required information. Under these "preapproved" emission limits or PAELs, no additional department approval is required. The owner and operator shall comply with the limit while that limit is in effect. The limit remains in effect until revoked in accordance with (e) of this section.

(b) The owner or operator of a stationary source containing one or more emission units described in (c) or (d) of this section may request that the preapproved limits in those subsections be applied to that stationary source. To make the request, the owner or operator shall submit to the department the information required for the limit requested.

(c) Limits on the allowable emissions of, or potential to emit, nitrogen oxides from diesel engines may be established by restricting the amount of fuel that may be burned in an engine. To implement these limits, the owner or operator shall

(1) submit to the department a letter or form containing

(A) the name and address of the stationary source to which the limits will apply;

(B) a list of all diesel engines at the stationary source to which the limits will apply, including the model and rated capacity of each diesel engine;

(C) the maximum quantity of fuel, in gallons, that the owner or operator will be limited to use in the equipment listed in (B) of this paragraph in any consecutive 12 months;

(D) a calculation of the nitrogen oxides, in tons per year, that the equipment listed in (B) of this paragraph would have the potential to emit if subjected to the limits on fuel use proposed under (C) of this paragraph, determined by dividing the number provided under (C) of this paragraph by 3,309;

(E) an estimate of the potential to emit nitrogen oxides, in tons per year, from all emission units at the stationary source that are not listed under (B) of this paragraph;

(F) a calculation of the stationary source's total potential to emit nitrogen oxides, determined by adding the values derived under (D) and (E) of this paragraph;

(G) a list setting out each of the conditions required under (2) of this subsection;

(H) a certification bearing the owner's or operator's signature stating that

(i) "Based on information and belief formed after reasonable inquiry, I certify that the information in this request is true, accurate, and complete"; and

(ii) the owner or operator fully understands the conditions required under (2) of this subsection and agrees to those conditions in order to limit nitrogen oxide emissions from the equipment listed under (B) of this paragraph to no more than the value calculated under (D) of this paragraph; and

(I) the administration fee in 18 AAC 50.400(k)(2); and

(2) agree to

(A) limit the quantity of fuel burned in the equipment listed under (1)(B) of this subsection during any consecutive 12 months to no more than the amount proposed under (1)(C) of this subsection;

(B) record the amount of fuel consumed in the equipment listed under (1)(B) of this subsection each month and calculate the total fuel consumed in the equipment during the preceding 12 months;

(C) keep all receipts for fuel purchases and all records and calculations under (B) of this paragraph available for department inspection for at least five years; and

(D) no later than January 31 of each year, submit to the department a copy of the records and calculations required by (B) of this paragraph for the preceding year.

(Eff. 1/18/97, Register 141; am 6/21/98, Register 146; am 10/1/2004, Register 171; am 1/29/2005, Register 173)

<b>Authority:</b>	AS 44.46.025	AS 46.14.030	AS 46.14.170
	AS 46.03.020	AS 46.14.120	AS 46.14.180
	AS 46.14.010	AS 46.14.130	AS 46.14.240
	AS 46.14.020		

**18 AAC 50.400. Permit administration fees.**

(k) The permittee, owner, or operator of a stationary source who requests a ... preapproved emission limit under 18 AAC 50.230 must pay the following fees:

(2) for a preapproved emission limit for diesel engines under 18 AAC 50.230(c),

(A) a one-time administrative fee of \$110, to be paid before the limit takes effect; and

(B) an annual compliance review fee of \$110;

<b>Authority:</b>	AS 37.10.050	AS 44.46.025	AS 46.14.140
	AS 37.10.052	AS 46.03.020	AS 46.14.240
	AS 37.10.058		