



**APPLICATION FOR A PRE-APPROVED EMISSION LIMIT (PAEL)**

**DIESEL GENERATOR FACILITY - 18 AAC 50.230(c)**

**FACILITY IDENTIFICATION:**

Facility Name: \_\_\_\_\_

Facility Address: \_\_\_\_\_

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

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

Facility Contact / Title: \_\_\_\_\_

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

Email Address: \_\_\_\_\_

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)

\* (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 (tpy) 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 (tpy) 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 (answer to 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 Responsible Official/Facility 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 submit completed application form and accompanying administration fee due under 18 AAC 50.400(f)(2) to:**

Permit Intake Clerk  
Alaska Department of Environmental Conservation  
Air Permit Program  
555 Cordova Street  
Anchorage, Alaska 99501

**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

(1) the administration fee in 18 AAC 50.400(h)(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.

(d) The owner or operator of a gasoline distribution facility may limit the maximum daily throughput of gasoline for the stationary source to less than 19,900 gallons. If the limit in this subsection is applied, the department will consider the stationary source to be a bulk gasoline plant under the standards adopted by reference in 18 AAC 50.040(a)(2)(M) and (AA). 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 limit will apply;

(B) a list of each tank containing gasoline at the stationary source, including the working capacity of each tank;

(C) a list of the conditions required under (2) of this subsection; and

(D) a certification bearing the signature of the owner or operator 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 section and agrees to those conditions in order to be classified as a bulk gasoline plant; and

(E) the administration fee in 18 AAC 50.400(h)(3); and

(2) agree to

(A) limit the quantity of gasoline transferred from tanks at the stationary source each day to less than 19,900 gallons;

(B) record the amount of gasoline transferred from tanks at the stationary source each day;

(C) keep all receipts for fuel sales and all records 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 required by (B) of this paragraph for the preceding year.

(e) The owner or operator may terminate a limit under this section by notifying the department, in writing, of the proposed date for termination of the limit. On and after the proposed date, the limit is no longer in effect unless the limit made it possible for the owner or operator to avoid any preconstruction review procedures or to avoid the requirement for an operating permit. If the limit

(1) made it possible for the owner or operator to avoid any preconstruction review under this chapter, the limit remains in effect until the owner or operator obtains

(A) a new construction permit under this chapter as if the limit had never existed; or

(B) under this section, 18 AAC 50.225, or 18 AAC 50.508, a new limit that allows the owner or operator to continue to avoid preconstruction review; or

(2) did not make it possible to avoid preconstruction review, but made it possible to avoid a Title V permit or minor permit to operate, the limit remains in effect until the owner or operator obtains

(A) a new Title V permit under this chapter as if the limit had never existed; or

(B) under this section or under a permit classified in 18 AAC 50.508, a

new limit that allows the owner or operator to continue to avoid the need for the permit.  
(Eff. 1/18/97, Register 141; am 6/21/98, Register 146; am 10/1/2004, Register 171; am  
1/29/2005, Register 173; am 7/1/2010, Register 194)

**Authority:** 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