



**STATE OF ALASKA**  
Dept. of Environmental Conservation  
Division of Air Quality/ Air Permits Program

**General Permit Application**  
for  
**Diesel-Electric Generating Stations**  
**(GP-A Application)**

For office use only:	Permit #: _____
Reviewed by: _____	Date: _____
<input type="checkbox"/> COMPLETE	
<input type="checkbox"/> INCOMPLETE	
<input type="checkbox"/> DOES NOT QUALIFY FOR GENERAL PERMIT-A _____	

This is an application for a general operating permit for qualifying Diesel-Electric Generating Stations that contain diesel engines and auxiliary fuel burning equipment that have requested a fuel limit to avoid classification as Prevention of Significant Deterioration Major under 18 AAC 50.306.

Alaska law requires an operating permit if the stationary source has a potential to emit greater than 100 tons per year (TPY) of a regulated air contaminant.

Alaska law allows ADEC to issue general operating permits under AS 46.14.210 to similar types of operations. Operators prefer general operating permits because of their relative low cost as compared to stationary source specific permits.

This is an application to obtain a general operating permit for qualifying diesel-electric generating stations. To obtain a general operating permit, you must complete this application and send it to:

**Alaska Department of Environmental Conservation**  
**Air Permits Program**  
**General Permit Application**  
**619 East Ship Creek Avenue, Suite 249, Anchorage, AK 99501**

You will be notified within 60 days after receipt of the application if you qualify and your application is complete. As soon as your application is complete, you will be sent the general operating permit with your letter of authorization.

Submit **\$676** with your permit application for the general operating permit fee. You will be billed an annual compliance fee as set out by 18 AAC 50.400(a)(6). In addition, you are responsible for paying emission fees. The annual emission fees are currently set in 18 AAC 50.410.

## Qualifying Criteria

**You must answer each question by checking “Yes” or “No” next to the question.**

To qualify for this permit, you must be able to answer “yes” to the following questions.

Yes	No	Question
		Is your stationary source described by SIC code 4911 or 4931?
		Does your stationary source use diesel-fired reciprocating internal combustion engines to produce electricity?
		Is your stationary source capable of emitting 100 TPY or more of NOx (burning 330,000 gallons or more in 12 consecutive months)?
		Will your stationary source emit less than 250 TPY of NOx (burning 825,000 gallons or less of fuel in any 12 consecutive months)?
		Do you want a limit to restrict your NOx emissions to less than 250 TPY of NOx?
		Did you obtain all required air quality control permits before building or modifying your stationary source?
		Does your stationary source comply with the State fuel burning equipment emission standards in the GPA permit?

To qualify for this permit, you must also be able to answer “no” to the following questions.

Yes	No	Question
		Do you currently hold an air quality permit that includes a stationary source-specific requirement other than a fuel-use limit? (Contact the Department if you are unsure.)
		Does your stationary source have to limit its fuel type, quality or quantity to comply with ambient air quality standards? (Contact the Department if you are unsure.)
		Was your stationary source built in an SO <sub>2</sub> special protection area after January 18, 1997? (St. Paul or Unalaska areas – See 18 AAC 50.025(c) for details.)
		Does your stationary source contain a boiler rated at greater than 10 MMBtu/hour heat input and subject to any of 40 C.F.R. 60 Subparts D, Da, or Db?
		Does your stationary source contain a storage tank subject to 40 C.F.R. 60 Subpart K, Ka, or Kb?
		Does your stationary source contain an emission unit subject to any other federal standard in 40 C.F.R. 60, 61, or 63, other than a reciprocating internal combustion engine, woodstove for space heating, or an asbestos demolition/renovation project?
		Does your stationary source contain a gas turbine?
		Does your stationary source contain an incinerator?
		Does your stationary source use more than 20 percent wood waste as fuel?
		Does your stationary source contain a urea prilling tower in operation before July 1, 1972?
		Does your stationary source contain an asphalt plant?
		Does your stationary source contain a coal preparation plant?
		Does your stationary source contain a portland cement plant?
		Does your stationary source contain a coal-burning boiler?
		Does your stationary source contain a petroleum refinery?

## Identification Information

Stationary Source Name \_\_\_\_\_

Physical Address \_\_\_\_\_

Mailing Address \_\_\_\_\_

UTM Coordinates or \_\_\_\_\_

Latitude/Longitude \_\_\_\_\_

Check the applicant's affiliation with this source:

- ☐ Owner  
☐ Operator

Owner \_\_\_\_\_

Mailing Address \_\_\_\_\_

Operator (*if different from owner*) \_\_\_\_\_

Mailing Address \_\_\_\_\_

Stationary Source Contact and affiliation \_\_\_\_\_

Mailing Address \_\_\_\_\_

Telephone Number \_\_\_\_\_

Designated Agent \_\_\_\_\_

Mailing Address \_\_\_\_\_

Telephone Number \_\_\_\_\_

Responsible Official and affiliation \_\_\_\_\_

Mailing Address \_\_\_\_\_

Telephone Number \_\_\_\_\_

Billing Contact and affiliation \_\_\_\_\_

Mailing Address \_\_\_\_\_

Telephone Number \_\_\_\_\_

## Emission Unit Inventory

**Table 1: Emission Unit Inventory for Diesel Engines**

ID Number	Manufacturer	Model	Serial Number	Date Installed	Date Manufactured <sup>1</sup>	Engine Rating (hp)	Generator Rating (kW)

**Table 2: Diesel Engines that are Insignificant Emission Units**

<p>List the engines from Table 1 that are insignificant. A diesel engine is insignificant if it emits less than 2 TPY NO<sub>x</sub> (burns less than 6,600 gallons per 12 consecutive months). These insignificant diesel engines do not require visible emission or particulate matter observations per Section 11 of the GP-A.</p>	ID Number

<sup>1</sup> If manufactured, modified, or reconstructed after July 11, 2005, then list the latest of: a) date of Manufacture, b) Date of modification c) Date of reconstruct, 2005. Leave the date blank if there has been no change since July 11, 2005. See 40 CFR 60 Subpart IIII.

**Table 3: Emission Unit Inventory for Auxiliary Fuel Burning Equipment  
(i.e., heaters and boilers)**

<b>ID Number</b>	<b>Emission Unit Description</b>	<b>Manufacturer</b>	<b>Model Number</b>	<b>Serial Number</b>	<b>Date Installed</b>	<b>Heat Input Rating (MMBtu/hr)</b>	<b>Fuel or Fuels</b>

**Table 4: Auxiliary Fuel Burning Equipment that are Insignificant Emission Units**

List the equipment from Table 3 that are insignificant. A heater or boiler is insignificant if it has a heat input rating less than 1.7 MMBtu/hr for burning kerosene, No. 1 fuel oil, or No. 2 fuel oil or has a heat input rating less than 0.3 MMBtu/hr for burning used oil. These insignificant units do not require visible emission or particulate matter observations per Section 11 of the GP-A.	<b>ID Number</b>

**Table 5: Emission Unit Inventory for Fuel Storage Tanks**

<b>Tank ID Number</b>	<b>Capacity</b>	<b>Date Installed</b>	<b>Fuel Stored</b>

## Other Documents Required

**In addition to this application please include:**

1. A stationary source layout sketch, drawing or overhead site image photograph that identifies each emission unit (except insignificant emission units) and control device if applicable.
2. A preventative maintenance plan for each diesel engines and auxiliary equipment (except insignificant emission units). The plan could be the manufacturer's recommended maintenance plan for the piece of equipment, or it could be a plan tailored to your individual stationary source.
3. A compliance certification, as attached.

## Compliance Certification

**Specify the compliance status of your stationary source by filing out the following compliance certification (this compliance certification corresponds with terms and condition of the GP-A issued on May 17, 2010).**

Condition	Compliance Status	Continuous/ Intermittent	Method Used to Determine Compliance
1-4, VE	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Smoke/No-smoke monitoring plan <input type="checkbox"/> Method 9 visual observation <input type="checkbox"/> Other (attach description & documentation)
5-8, PM	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Smoke/No-smoke monitoring plan <input type="checkbox"/> Method 5 source test <input type="checkbox"/> Other (attach description & documentation)
9, SO <sub>2</sub>	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Fuel grade/sulfur content records <input type="checkbox"/> Other (attach description & documentation)
10, used oil	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Method 5 source test & fuel sulfur content records <input type="checkbox"/> Other (attach description & documentation)
11, used oil	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Fuel grade/sulfur content records <input type="checkbox"/> Other (attach description & documentation)
12, insignificant units	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Records kept & reported <input type="checkbox"/> Other (attach description & documentation)
13, NO <sub>x</sub>	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Fuel Records kept <input type="checkbox"/> Other (attach description & documentation)
22-24, NSPS/ MACT	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Records kept & reported <input type="checkbox"/> Other (attach description & documentation)
29, Fees	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Fees paid upon billing <input type="checkbox"/> Fees not paid <input type="checkbox"/> Other (attach description & documentation)
30, Fees	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Fee Form Submitted ____/____/____ <input type="checkbox"/> Form Not Submitted <input type="checkbox"/> Other (attach description & documentation)
31, control practices	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Records kept <input type="checkbox"/> Other (attach description & documentation)
32, dilution	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> units do not allow for dilution of exhaust <input type="checkbox"/> units allow for dilution, but dilution not used during compliance tests <input type="checkbox"/> Other (attach description & documentation)
33, fugitive dust	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Records kept <input type="checkbox"/> Other (attach description & documentation)
34, stack injection	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Records kept <input type="checkbox"/> Other (attach description & documentation)
35, air pollution	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Records kept & reported <input type="checkbox"/> Other (attach description & documentation)
36, asbestos	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Records kept and Reported <input type="checkbox"/> No asbestos demolition/renovation done <input type="checkbox"/> Other (attach description & documentation)
37, open burning	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> No burning conducted <input type="checkbox"/> Other (attach description & documentation)

Condition	Compliance Status	Continuous/ Intermittent	Method Used to Determine Compliance
38, requested tests	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Test not requested <input type="checkbox"/> Test requested and conducted <input type="checkbox"/> Other (attach description & documentation)
39-41, source tests	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Test not conducted <input type="checkbox"/> Test conducted and records kept <input type="checkbox"/> Other (attach description & documentation)
42-44, source tests	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Test not conducted <input type="checkbox"/> Test conducted and reported <input type="checkbox"/> Other (attach description & documentation)
47, records kept	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Records kept <input type="checkbox"/> Records not kept <input type="checkbox"/> Other (attach description & documentation)
48, certification	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> reports are certified <input type="checkbox"/> reports are not certified <input type="checkbox"/> Other (attach description & documentation)
49, submittals	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> reports are submitted as directed <input type="checkbox"/> reports are not submitted as directed <input type="checkbox"/> Other (attach description & documentation)
50, information requests	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> No information requests <input type="checkbox"/> Information provided timely <input type="checkbox"/> Other (attach description & documentation)
51, excess emissions	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> No excess emissions or deviations generated <input type="checkbox"/> Excess emissions and deviation reports filed
52, operating reports	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> January through June Report submitted timely <input type="checkbox"/> July through December Report submitted timely
53, annual compliance	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Compliance Certification submitted to EPA and ADEC timely <input type="checkbox"/> Compliance Certification not submitted to EPA and ADEC timely
59, permit renewal	<input type="checkbox"/> In Compliance <input type="checkbox"/> Not in Compliance <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	<input type="checkbox"/> Renewal submitted <input type="checkbox"/> Other (attach description & documentation)

### 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: \_\_\_\_\_

Responsible Official Signature: \_\_\_\_\_ Date: \_\_\_\_\_