



## United States Environmental Protection Agency General Air Quality Permit for New or Modified Minor Sources of Air Pollution in Indian Country

<http://www.epa.gov/air/tribal/tribalnsr.html>

### Instructions for Requesting Coverage under the General Air Quality Permit for New or Modified Minor Source Spark Ignition Engines in Indian Country

Version 1.0

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If you wish to apply for the 'General Air Quality Permit for New or Modified Minor Source Spark Ignition Engines in Indian Country,' please complete the form "Request for Coverage under the General Air Quality Permit for New or Modified Minor Source of Spark Ignition Engines in Indian Country."

This General Air Quality Permit implements the requirements of the Federal Indian Country New Source Review (NSR) rule as described under 40 CFR part 49.

These instructions are intended to provide you with information that may be useful in completing the Request for Coverage Form. ***In the form, please provide information on all existing, new and modified units.***

#### Helpful Definitions from the Federal Indian Country Minor NSR Rule (40 CFR 49.152) –

This is not a comprehensive list.

- *Modification* means any physical or operational change at a source that would cause an increase in the allowable emissions of the affected emissions units for any regulated NSR pollutant or that would cause the emission of any regulated NSR pollutant not previously emitted. [40 CFR 49.152(d)]

The following exemptions apply:

- (1) A physical or operational change does not include routine maintenance, repair, or replacement.
  - (2) An increase in the hours of operation or in the production rate is not considered an operational change unless such increase is prohibited under any federally-enforceable permit condition or other permit condition that is enforceable as a practical matter.
  - (3) A change in ownership at a source is not considered a modification.
- *Potential to emit (PTE)* means the maximum capacity of a source to emit a pollutant under its physical and operational design. Any physical or operational limitation on the capacity of the source to emit a pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored or processed, shall be treated as part of its design if the limitation or the effect it would have on emissions is enforceable as a practical matter. Secondary emissions, as defined at 40 CFR 52.21(b)(18) of this chapter, do not count in determining the PTE of a source.

Information collected on applications includes the following:

### **Section 1: Contact Information**

1. Business Name: Provide the complete company name. For corporations, include divisions or subsidiary name, if any.
2. Date: Provide the date you submit the completed application.
3. Site Address: Provide the actual address of where the source is operating or proposing to operate and not the mailing address. Include the state and the zip code.
4. County: Provide the county in which the source is operating or proposing to operate.
5. Name of Operator or Contact at Site: Provide the name of the operator or contact at the site.
6. Telephone Number of Operator or Contact at Site: Provide a telephone number where the operator or contact at the site can be reached during business hours.
7. Owner: List the full name of the owner of the business.
8. Telephone Number of Owner: Provide a telephone number where the owner of the business can be reached during business hours.
9. Mailing Address of Owner: Provide the mailing address of the owner. Include the state and the zip code.
10. Correspondence Address: Provide the mailing address of the authorized contact person. Include the state and the zip code.
11. Authorized Contact Person: Provide the name, title, phone number, email address, and fax number of the authorized contact person. The authorized contact is the person authorized to receive requests for data and information.

### **Section 2: Facility Information for Requesting Coverage under the General Air Quality Permit for New or Modified Minor Source Spark Ignition Engines**

12. Brief Description of Your Project: Is your facility new or a modification to an existing facility? If this is a new request, describe the proposed new source. If this is a modification, describe the modification proposed.
13. North American Industry Classification System (NAICS)/Standard Industrial Classification (SIC) Code and Description: Provide the NAICS/SIC Code and/or a description for the facility (check all that apply):
  - 2211\*\* NAICS Electric Power Generation, Transmission or Distribution
  - 622110 NAICS Medical and Surgical Hospitals
  - Other – please specify \_\_\_\_\_ NAICS; \_\_\_\_\_ SIC

14. Ozone Attainment Status: Indicate if this facility is located in an ozone nonattainment area and specify the classification of the ozone nonattainment area. If part of a tribe's area is designated as attainment, unclassifiable, or attainment/unclassifiable and another part as nonattainment, the answer to this question should be based on the designation where the source would be located. If the source straddles the two areas, the more stringent classification applies. Information on the ozone attainment status of the area where your facility is located can be found at: <http://www.epa.gov/airquality/greenbook/>. Please contact your reviewing authority if you have questions about an area's attainment status.

15. Carbon monoxide (CO) Attainment Status: Indicate if this facility is located in a CO nonattainment area and specify the classification of the area.

16. Exemption from the Minor NSR Program: For a new facility, calculate the PTE of all proposed emission units and determine if the proposed construction is below the applicability thresholds in the Federal Indian Country Minor NSR rule (the thresholds listed in 40 CFR 49.153). For a modification to your existing facility, calculate the emissions increase from your new or modified emission units and determine if the proposed construction or modification is below the thresholds listed. For a new emissions unit, the emissions change is the PTE of the new unit. For a modified emissions units, the emissions change is the change in allowable emissions of the unit.

You only need to consider the thresholds for nonattainment areas if your source is (or will be) located in an area designated nonattainment. If in a nonattainment area, then you only need to consider the nonattainment threshold for the pollutant(s) for which the area is designated nonattainment.

If the PTE of your new facility or the emissions at your existing facility is below the applicable thresholds listed for ALL pollutants, the new or modified source is exempt from the minor NSR program. You do not need a permit for this source. The U.S. Environmental Protection Agency (EPA) is providing a PTE calculator to assist with this task. The calculator is available online at: <http://www.epa.gov/air/tribal/tribalnsr.html>.

Do not include mobile engines or engines that remain in one location for less than 12 months in your calculation.

17. Qualification for General Permit – Facility in Attainment, Unclassifiable, or Attainment/Unclassifiable Area: If located in an attainment, unclassifiable, or attainment/unclassifiable area, calculate the PTE of your entire facility (include new, modified, and existing units) and determine if the facility is below the NSR major source threshold of 250 tons per year (tpy). If the PTE of the proposed facility is equal or above 250 tpy for ANY pollutant, this new or modified source does not qualify for this General Permit. A synthetic minor source accepting the enforceable conditions in the General Permit and below this threshold should answer 'Yes.' The EPA is providing a PTE calculator to assist with this task. The calculator is available online at: <http://www.epa.gov/air/tribal/tribalnsr.html>.

Do not include mobile engines or engines that remain in one location for less than 12 months in your calculation.

18. Qualification for General Permit – Facility in Nonattainment Area: If located in a nonattainment area, calculate the PTE of your entire facility (include new, modified, and existing units) and determine if the facility is below the NSR major source thresholds listed. Note the NSR major source classification is pollutant specific. You only need to consider the nonattainment area thresholds for the particular pollutant for which your area is designated as nonattainment. If the PTE of the proposed facility is equal to or above the threshold for ANY pollutant for which the area is designated as nonattainment, then this new or modified source does not qualify for this General Permit. A synthetic minor source accepting the enforceable conditions in the General Permit and below these thresholds should answer ‘Yes.’ The EPA is providing a PTE calculator to assist with this task. The calculator is available online at: <http://www.epa.gov/air/tribal/tribalnsr.html>. Do not include mobile engines or engines that remain in one location for less than 12 months in your calculation.

### **Section 3: Technical Information for Requesting Coverage under the General Air Quality Permit for New or Modified Minor Source Spark Ignition Engines**

19. Non-Emergency (Prime Power) Spark Ignition Engines: List each unit’s unique identification number, unit description, fuel type(s), maximum rated capacity (hp), manufactured date for each engine and model year. Fuels can include: natural gas, liquified petroleum gas (LPG), gasoline, or landfill/digester gas. Do not include mobile engines or engines that remain in one location for less than 12 months. Only non-emergency (prime) engines should be listed.
20. Select Operational Limitation: Select one of three options: (1) Your source uses only natural gas in its engines and has a combined horsepower rating less than 3,800 hp; (2) your source uses only natural gas and maximum annual fuel use is less than 275 million standard cubic feet per year; or (3) your source uses fuels other than natural gas, or multiple fuels, and the combined hp rating is less than 1,800 hp. The option you choose will be reflected in your Approval of Request for Coverage.
21. Emergency Engines: List each emergency engine’s unique identification number, unit description, fuel type(s), maximum rated capacity (hp), manufactured date and model year. Fuels can include: distillate fuel, diesel, biodiesel, natural gas, LPG, or gasoline. Do not include mobile engines or engines that remain in one location for less than 12 months. Only emergency engines should be listed.
22. Auxiliary Heaters: List each unit’s unique identification number, unit description, fuel type(s), maximum heat input capacity (million British thermal units/hour), and construction date for each auxiliary heater (such as a hot oil heater).

### **Section 4: Information on Completing Screening Processes that have to Be Satisfied to Request Coverage under the General Air Quality Permit for New or Modified Minor Source Spark Ignition Engines**

23. Endangered Species Act: To request coverage under this permit, sources must demonstrate that they have completed the screening process related to threatened and endangered species. The EPA is providing procedures with the application to assist with this task.

24. National Historic Preservation Act: To request coverage under this permit, sources must complete the screening process related to historic properties. The EPA is providing procedures with the application to assist with this task.

### **Section 5: Additional Information about this General Air Quality Permit for New or Modified Minor Source Spark Ignition Engines**

This section of the application shows the annual pollutant emission rates that the limitations in the permit are intended to achieve.

#### **Applicant's Statement**

Certify that the information supplied in the application is correct, then sign the document, print your name, and date the document in the spaces provided.