



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 Stone Quarrying, Crushing, and Screening Facilities

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Version 1.0

If you wish to apply for the 'General Air Quality Permit for New or Modified Minor Source Stone Quarrying, Crushing, and Screening Facilities in Indian Country,' please complete the form "Request for Coverage under the General Air Quality Permit for New or Modified Minor Source Stone Quarrying, Crushing, and Screening Facilities in Indian Country."

This General Air Quality Permit implements the requirements of the minor 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 or 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/notification.
3. Site Address(es): Provide the actual address(es) of where the source is operating or proposing to operate and not the mailing address. Include the state and the zip code. (Note that if you wish to operate at additional locations, then you need to apply for a modified general permit.)
4. County(ies): Provide the county(ies) in which the source is operating or proposing to operate.
5. Name of Operator or Contact at Site(s): Provide the name(s) of the operator(s) or contact at the site(s).
6. Phone of Operator or Contact at Site(s): Provide a telephone number where the operator or contact at the site(s) 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. Owner's Mailing Address: 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 Stone Quarrying, Crushing and Screening Facilities

12. Locations for Which You Want Approval to Locate Your Stone Quarrying, Crushing, and Screening Facility: List the site locations for which you want approval to re-locate your stone quarrying, crushing, and screening facility in the future. You may seek approvals for additional locations in the future.
13. Brief Description of Your Stone Quarrying, Crushing, and Screening Facility: Is your facility a new facility or a modification to an existing facility? Is your facility stationary or portable? Are you re-locating an existing source? Will your proposed facility be co-located with a hot mix asphalt operation? If this facility will be co-located with a hot mix asphalt operation, describe the combined activity of the two plants. If this is a new request, describe the proposed new source. If this is a modification, describe the modification proposed.

14. 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):

- 212311 NAICS (Dimension Stone Mining and Quarrying)
- 212312 NAICS (Crushed and Broken Limestone Mining and Quarrying)
- 212313 NAICS (Crushed and Broken Granite Mining and Quarrying)
- 212319 NAICS (Other Crushed and Broken Stone Mining and Quarrying)
- 212321 NAICS (Construction Sand and Gravel Mining)
- 1411 (Dimension Stone)
- 1422 SIC (Crushed and Broken Limestone)
- 1423 SIC (Crushed and Broken Granite)
- 1499 SIC (Miscellaneous and Nonmetallic Mining)
- 1442 SIC (Construction Sand and Gravel)
- Other – please specify _____ NAICS; _____ SIC

15. 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 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.

16. Particulate Matter (PM₁₀/PM_{2.5}) Attainment Status: Indicate if this facility is located in a PM₁₀/PM_{2.5} nonattainment area and specify the classification of any PM₁₀ nonattainment area. Information on the PM₁₀/PM_{2.5} 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.

17. 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 Table 1 to 40 CFR 49.153). For a modification to your existing facility, calculate the potential 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 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 increase in potential 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>.

18. Qualification for General Permit – Facility in Attainment Area: If located in an attainment 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 to 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>.
19. 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>.
20. Monthly Throughput: How much raw material, in tons, do you project to be processed per month?
21. Monthly Fuel Usage: How much diesel fuel, in gallons, will be used by the stationary engines per month?

Section 3: Technical Information for Requesting Coverage under the General Air Quality Permit for New or Modified Minor Source Stone Quarrying, Crushing and Screening Facilities

22. Equipment List: List all equipment at the site, including the ID#; type description; maximum rated capacity in tons per hour, Btu, or horsepower; make/model; and date of construction.
23. Crushing Equipment: Provide information on the ID#, process rate, type of crusher(s), and any control equipment.
24. Screening Equipment: Provide information on the ID#, process rate, type of screener(s), and any control equipment.
25. Material Handling, Transferring, Loading, Conveying and Dropping: Provide information on the ID#, description, maximum material transferred, average moisture content, and any control equipment or practices.
26. Internal Combustion Engines: Provide information on the ID#, unit description, maximum rated capacity, type of fuel used, date of manufacture and model year. In order to be eligible for the General Air Quality Permit for New or Modified Minor Source Stone Quarrying, Crushing and Screening Facilities, only diesel and biodiesel fuels are allowed to be used in these engines.
27. Volatile Liquid Storage Tanks: Technical information is needed concerning on-site storage of liquids, including unit ID#, type of liquid stored, tank capacity, vapor pressure of liquid, whether the tank is underground and date of installation.

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 Stone Quarrying, Crushing and Screening Facilities

28. 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.
29. 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 the General Air Quality Permit for New or Modified Minor Source Stone Quarrying, Crushing and Screening Facilities

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/notification is correct, then sign the document, print your name, and date the document in the spaces provided.