



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

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

Instructions: Stone Quarrying, Crushing, and Screening Facilities

Version 1.0

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If you wish to apply for the 'General Air Quality Permit for True 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 True 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: Provide the actual address of where the source is operating or will 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 will operate.
5. Name of Operator or Contact at Site: Provide the name of the operator or contact at the site.
6. Phone 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 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 Permit

12. 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? 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):
 - 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)

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 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. 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.
16. Exemption from the NSR Minor 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 Indian Country Minor NSR program (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 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 increase at your existing facility is below the applicable thresholds listed for ALL pollutants, the new or modified source is exempt from the NSR minor 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>.

17. 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 or above 250 tpy for ANY pollutant, this new or modified source does not qualify for this general permit. 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>.
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. 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. Annual Throughput: How much raw material, in tons, do you project to be processed per consecutive 12 month period?
20. Annual Fuel Usage: How much diesel fuel, in gallons, will be used by the stationary engines per consecutive 12 month period?
21. Setback Requirement: The permit contains a setback requirement and this question seeks information to verify compliance with that requirement.

Section 3: Technical Information for Requesting Coverage under the General Permit

22. Equipment List: List all equipment at the site, including the ID#, manufacturer, and maximum rated capacity in tons per hour, Btu, or horsepower.
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 Equipment: Provide information on the process rate and any control equipment or practices.
26. Internal Combustion Engines: Provide information on the ID#, rating, type and amount of fuel used.
27. Volatile Liquid Storage Tanks: Technical information is needed concerning on-site storage of liquids, including fuels.

Section 4: Information on Compliance with Federal Statutes Necessary for Requesting Coverage under the General Permit

28. Endangered Species Act: To request coverage under this permit, sources must demonstrate that they have satisfied the permitting requirements related to the Endangered Species Act. 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 demonstrate that they have satisfied the permitting requirements related to the National Historic Preservation Act. The EPA is providing procedures with the application to assist with this task.

Section 5: 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.