



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 Concrete Batch Plants 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 Concrete Batch Plants in Indian Country,' please complete the form "Request for Coverage under the General Air Quality Permit for New or Modified Minor Source Concrete Batch Plants in Indian Country."

This General Air Quality Permit implements the requirements of the Federal Indian Country 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 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(es): Provide the actual address(es) of where the source is operating or will operate and not the mailing address. Include the state and the zip code.
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: 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 Concrete Batch Plants

12. Locations for Which You Want Approval to Locate Your Concrete Batch Plant: List the site locations for which you want approval to re-locate your concrete batch facility in the future. You may seek approvals for additional locations in the future.
13. Description of Your Project: 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.

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:

- 327320 NAICS Central Mixed Concrete Manufacturing
- 327320 NAICS Concrete Batch Plants (including temporary)
- 327320 NAICS Ready Mix Concrete Manufacturing and Distributing
- 327320 NAICS Transit Mixed Concrete Manufacturing
- 327320 NAICS Truck Mixed Concrete Manufacturing
- 327331 NAICS Concrete Manufacturing: All Types of Blocks and Bricks
- 327332 NAICS Concrete Manufacturing: All Types of Pipe and Conduit
- 327390 NAICS Concrete Manufacturing: All Structural Forms
- 3271 SIC Concrete Block and Brick
- 3272 SIC Concrete Products, Except Block and Brick
- 3273 SIC Central-mixed Concrete, Ready-mixed Concrete, Truck-mixed Concrete
- 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, 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.

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 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>.

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>.

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>.
19. Annual Production: How much concrete, in cubic yards, do you project to be processed per consecutive 12 month period?

Section 3: Technical Information for Requesting Coverage under the General Air Quality Permit for New or Modified Minor Source Concrete Batch Plants

20. Facility Equipment List: List all equipment at the site, including the unit identification number; unit description; control equipment or control practices used; maximum rated capacity in tons per hour, British thermal units, or horsepower; make/model and date of construction.
21. Material Handling Equipment: Provide information on the unit identification number, unit description, maximum material transferred (tpy), average moisture content and control technology.
22. Stationary Engines: Provide information on the unit identification number, unit description, fuel type(s), maximum rated capacity (horsepower), manufactured date and model year. Include emergency engines. Do not include nonroad mobile engines or engines that remain in one location for less than 12 months. Contact your reviewing authority for assistance in determining whether an engine is stationary or mobile.
23. Metal Degreasing: Provide information on the unit identification number, description of the type of metal degreasing equipment, the freeboard ratio for each piece of equipment, the solvents used, and when the equipment was manufactured. The freeboard ratio is the ratio of the solvent cleaning machine freeboard height to the smaller interior dimension (length, width, or diameter) of the solvent cleaning machine.

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 Concrete Batch Plants

24. 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.

25. 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 Concrete Batch Plants

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.