



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
FEDERAL MINOR NEW SOURCE REVIEW PROGRAM IN INDIAN
COUNTRY**

**Administrative Permit Amendment Request
(Form AMEND)**

Please check box to show how you are using this form

- Correction to a Typographical Error**
- Incorporation of More Frequent Monitoring or Reporting**
- Increase in Allowable Emissions (SEE INSTRUCTIONS!)**
- Other**

Use of this information request form is voluntary and not yet approved by the Office of Management and Budget. The following is a check list of the type of information that Region 8 will use to process information on your proposed permit amendment. While submittal of this form is not required, it does offer details on the information we will use to complete your requested approval and providing the information requested may help expedite the process. Use of application forms for this program is currently under Office of Management and Budget review and these information request forms will be replaced/updated after that review is completed.

Please submit information to following two entities:

Federal Minor NSR Permit
Coordinator
U.S. EPA, Region 8
1595 Wynkoop Street, 8P-AR
Denver, CO 80202-1129
R8airpermitting@epa.gov

The Tribal Environmental Contact for the specific reservation:

If you need assistance in identifying the appropriate Tribal Environmental Contact and address, please contact:

R8airpermitting@epa.gov

For more information, visit:
<http://www.epa.gov/caa-permitting/tribal-nsr-permitting-region-8>

A. COMPANY INFORMATION

Company Name (Who owns this facility?)	
Company Contact (Who is the <u>primary</u> contact at the company that owns this facility?)	Title
Mailing Address	
Email Address	
Telephone Number	Facsimile Number

B. FACILITY INFORMATION

Facility Name on the Permit to Be Amended
Minor Source Permit To Construct Number (MC-xxx-xxxx-xx.xx)
Date of Most Recent Permit Action (this should be the same permit to which you are requesting the amendment)

C. DESCRIPTION OF THE PROPOSED AMENDMENT

Provide a narrative description of the requested amendment to the permit and the following:

1. Why the proposed change can be made through this form. (See instructions).
2. Information presented in enough detail to document how the facility is currently operating and how it is proposed to operate. A narrative description of all of the facility processes along with a process flow diagram to enable EPA to understand the effect the proposed change has on emission unit or (pollutant generating activity).
3. Emissions calculations and all supporting data necessary to establish the proposed post-change allowable emission limits. The requested information must be provided for each emissions unit (or pollutant-generating activity).
4. The proposed changes to be made to specific terms and conditions of the permit. A redline/strike out version of the permit may be used for this purpose.
5. The following table with Facility-wide Emission Estimates:

Pollutant	Pre-Change Allowable Emissions (tpy)	Post Change Allowable Emissions (tpy)	
PM			PM - Particulate Matter PM ₁₀ - Particulate Matter less than 10 microns in size PM _{2.5} - Particulate Matter less than 2.5 microns in size SO ₂ - Sulfur Oxides NO _x - Nitrogen Oxides CO - Carbon Monoxide VOC - Volatile Organic Compound Pb - Lead and lead compounds Fluorides - Gaseous and particulates H ₂ SO ₄ - Sulfuric Acid Mist H ₂ S - Hydrogen Sulfide TRS - Total Reduced Sulfur RSC - Reduced Sulfur Compounds
PM₁₀			
PM_{2.5}			
SO₂			
NO_x			
CO			
VOC			
Pb			
Fluorides			
H₂SO₄			
H₂S			
TRS			
RSC			

Instructions

What administrative permit amendments require the use of a different form?

1. A change in the name, address, or phone number of any person identified in the permit, or a similar minor administrative change at the source should be made through **Form LOC** or **Form INFO**.
2. A change in ownership or operational control of a source where the reviewing authority determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittee has been submitted to the reviewing authority should be made through **Form OWN**.

What administrative permit amendments require the use of this form?

1. Correction to typographical errors;
2. Incorporation of more frequent monitoring or reporting;
3. Establishment of an increase in an emissions unit's annual allowable emissions limit for a regulated NSR pollutant, when the action that necessitates such increase is not otherwise subject to review under major NSR or under this program.

Proposed new construction or modifications should first be evaluated to determine if the change is major under the major NSR program using the procedures at 40 CFR 52.21 (i.e., baseline actual to projected actual applicability test). If the proposed construction does not qualify as a major under that test, then it may be subject to the requirements of the minor NSR rule at 40 CFR 49.151.

Helpful Definitions from the Federal Minor NSR Rule (40 CFR 49) – This is not a comprehensive list.

- *40 CFR 49.152(d) - 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.

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.
- *40 CFR 49.152(d) - Allowable emissions* means “allowable emissions” as defined in §52.21(b)(16), except that the allowable emissions for any emissions unit are calculated considering any emission limitations that are enforceable as a practical matter on the emissions unit's potential to emit.

- *52.21(b)(16) - Allowable emissions* means the emissions rate of a stationary source calculated using the maximum rated capacity of the source (unless the source is subject to federally enforceable limits which restrict the operating rate, or hours of operation, or both) and the most stringent of the following:
 - (i) The applicable standards as set forth in 40 CFR parts 60 and 61;
 - (ii) The applicable State Implementation Plan emissions limitation, including those with a future compliance date; or
 - (iii) The emissions rate specified as a federally enforceable permit condition, including those with a future compliance date.

Calculating Emissions

“Allowed” means the source is restricted by permit conditions that limit its emissions and are enforceable as a practical matter (i.e., allowable emissions). The allowable emissions for any emissions unit are calculated considering any emissions limitations that are enforceable as a practical matter on the unit’s PTE.

Pre-Change Allowable Emissions: Current permitted annual emissions for a pollutant expressed in tpy.

The current allowable emissions are the allowable rate of emissions for the preceding calendar year and must be calculated using the permitted operating hours, production rates, in-place control equipment, and types of materials processed, stored, or combusted during the preceding calendar year.

The total pre-change allowable emissions for the facility would be the sum of following:

1. Each emissions unit with an allowable emissions limitation. Calculated using the allowable operating hours, production rates, in-place control equipment, and/or types of materials processed, stored, or combusted.

PLUS

2. Each emissions unit without any emissions limitations. Calculated using the maximum possible operating hours, production rates, and/or dirtiest types of materials processed, stored, or combusted.

Post-Change Allowable Emissions: The proposed allowable emissions for a pollutant expressed in tpy. Unless the source is restricted by permit conditions or other requirements that are enforceable as a practical matter, the post-change allowable emissions would be equivalent to post-change uncontrolled emissions.

The total proposed increase in allowable emissions resulting from your proposed change would be the sum of following:

1. Each emission unit with a proposed emission limitation. Calculated using the proposed allowable operating hours, production rates, in-place control equipment, and/or types of materials processed,

stored, or combusted.

PLUS

2. Each emissions unit without a proposed emission limitation. Calculated using the maximum possible operating hours, production rates, and/or dirtiest types of materials processed, stored, or combusted.

Emissions Estimates

Any emission estimates submitted to the Regional Administrator should be verifiable using currently accepted engineering criteria. The following procedures are generally acceptable for estimating emissions from air pollution sources:

- (i) Source-specific emission tests;
- (ii) Mass balance calculations;
- (iii) Published, verifiable emission factors that are applicable to the source. (i.e., manufacturer specifications)
- (iv) Other engineering calculations; or
- (v) Other procedures to estimate emissions specifically approved by the Regional Administrator.

Guidance for estimating emissions can be found at <http://www.epa.gov/ttn/chief/efpac/index.html>