


Attachment

Section – 6:

Permits



	United States Environmental Protection Agency Program Address Phone Fax Web address	<i>Reviewing Authority</i> <i>Program</i> <i>Address</i> <i>Phone</i> <i>Fax</i> <i>Web address</i>
FEDERAL MINOR NEW SOURCE REVIEW PROGRAM IN INDIAN COUNTRY Application for New Construction (Form NEW)		
Please check all that apply to show how you are using this form: <input type="checkbox"/> Proposed Construction of a New Source <input type="checkbox"/> Proposed Construction of New Equipment at an Existing Source <input type="checkbox"/> Proposed Modification of an Existing Source <input type="checkbox"/> Other – Please Explain		

Please submit information to:

**[Reviewing Authority
Address
Phone]**

A. GENERAL SOURCE INFORMATION

1. (a) Company Name		2. Source Name	
(b) Operator Name			
3. Type of Operation		4. Portable Source? <input type="checkbox"/> Yes <input type="checkbox"/> No	
		5. Temporary Source? <input type="checkbox"/> Yes <input type="checkbox"/> No	
6. NAICS Code		7. SIC Code	
8. Physical Address (home base for portable sources)			
9. Reservation*	10. County*	11a. Latitude*	11b. Longitude*
12a. Quarter Quarter Section*	12b. Section*	12c. Township*	12d. Range*

*Provide all proposed locations of operation for portable sources

C. CONTACT INFORMATION

Company Contact		Title
Mailing Address		
Email Address		
Telephone Number	Facsimile Number	
Operator Contact (if different from company contact)		Title
Mailing Address		
Email Address		
Telephone Number	Facsimile Number	
Source Contact		Title
Mailing Address		
Email Address		
Telephone Number	Facsimile Number	
Compliance Contact		Title
Mailing Address		
Email Address		
Telephone Number	Facsimile Number	

E. TABLE OF ESTIMATED EMISSIONS

The following tables provide the total emissions in tons/year for all pollutants from the calculations required in Section D of this form, as appropriate for the use specified at the top of the form.

E(i) – Proposed New Source

Pollutant	Potential Emissions (tpy)	Proposed 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 _x - 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
PM ₁₀			
PM _{2.5}			
SO _x			
NO _x			
CO			
VOC			
Pb			
Fluorides			
H ₂ SO ₄			
H ₂ S			
TRS			
RSC			

Emissions calculations must include fugitive emissions if the source is one the following listed sources, pursuant to CAA Section 302(j):

- (a) Coal cleaning plants (with thermal dryers);
- (b) Kraft pulp mills;
- (c) Portland cement plants;
- (d) Primary zinc smelters;
- (e) Iron and steel mills;
- (f) Primary aluminum ore reduction plants;
- (g) Primary copper smelters;
- (h) Municipal incinerators capable of charging more than 250 tons of refuse per day;
- (i) Hydrofluoric, sulfuric, or nitric acid plants;
- (j) Petroleum refineries;
- (k) Lime plants;
- (l) Phosphate rock processing plants;
- (m) Coke oven batteries;
- (n) Sulfur recovery plants;
- (o) Carbon black plants (furnace process);
- (p) Primary lead smelters;
- (q) Fuel conversion plants;
- (r) Sintering plants;
- (s) Secondary metal production plants;
- (t) Chemical process plants
- (u) Fossil-fuel boilers (or combination thereof) totaling more than 250 million British thermal units per hour heat input;
- (v) Petroleum storage and transfer units with a total storage capacity exceeding 300,000 barrels;
- (w) Taconite ore processing plants;
- (x) Glass fiber processing plants;
- (y) Charcoal production plants;
- (z) Fossil fuel-fired steam electric plants of more than 250 million British thermal units per hour heat input, and
- (aa) Any other stationary source category which, as of August 7, 1980, is being regulated under section 111 or 112 of the Act.

Instructions

Use of This Form

- 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.

B. Current Permit Information

Provide a list of all permits that have been issued to your source. This should include any Federal Minor New Source Review (MNSR), Prevention of Significant Deterioration (PSD) or Non-Attainment New Source Review (NA NSR) permits, in addition to the most recent Part 71 permit. The permit number must be included with each permit identified.

C. Contact Information

Please provide the information requested in full.

1. Company Contact: List the full name (last, middle initial, first) of the owners of the source or the company contact.
2. Operator Contact: Provide the name of the operator of the source if it is different from the company contact.
3. Source Contact: The source contact must be the local contact authorized to receive requests for data and information.
4. Compliance Contact: The compliance contact must be the local contact responsible for the source's compliance with this rule. If this is the same as the Source Contact please note this on the form.

D. Attachments

This section lists the information needed to complete the requested approval. This information should be accompanied by the supporting information listed on the form and described below. The information should be presented in enough detail to document how the source is currently operating and/or how it is proposed to operate.

FORM SYNMIN

If synthetic minor limits are being requested, a synthetic Minor Limit Application should be included with this application.

Narrative description of the proposed production processes.

1. The narrative description should follow the flow of the process flow diagram to be submitted with this application. This needs to be as comprehensive as possible to help in understanding the proposed source and how it will be operated. For example:

What are the raw materials?

What are the properties of the raw materials?

Does the production process include heating, drying, the application of chemicals, etc?

How will the raw materials be affected by this process?

What are the out puts from each step of the process (i.e., crushed ore, dry gas, water, etc...)?

Etc....

2. The proposed operating schedule presented in terms of hours per day, days per week, and weeks per year.
3. A list of the type and quantity of fuels and/or raw materials used. Each fuel and raw material should be described in enough detail to indicate its basic chemical components.

Criteria Pollutant Emissions Estimates

- Estimates of Current Actual Emissions, Current Allowable Emissions, Post-Change Uncontrolled Emissions, and Post-Change Allowable Emissions for the following air pollutants: particulate matter, PM₁₀, PM_{2.5}, sulfur oxides (SO_x), nitrogen oxides (NO_x), carbon monoxide (CO), volatile organic compound (VOC), lead (Pb) and lead compounds, ammonia (NH₃), fluorides (gaseous and particulate), sulfuric acid mist (H₂SO₄), hydrogen sulfide (H₂S), total reduced sulfur (TRS) and reduced sulfur compounds, including all calculations for the estimates.
1. These estimates are to be made for each emission unit, emission generating activity, in addition to total emissions.
 2. The information should include all of the supporting calculations, assumptions and references. Emission estimates must address all emission units and pollutants proposed and/or affected by the limitation and be presented in short term (e.g. pounds per hour) as well as annual (tons per year) units.
 3. Any emission estimates submitted to the Regional Administrator must be verifiable using currently accepted engineering criteria. The following procedures are generally acceptable for estimating emissions from air pollution sources:
 - Source-specific emission tests;
 - Mass balance calculations;
 - Published, verifiable emission factors that are applicable to the source. (i.e. manufacturer specifications)
 - Other engineering calculations; or
 - Other procedures to estimate emissions specifically approved by the Regional Administrator.
 4. Guidance for estimating emissions can be found at <http://www.epa.gov/ttn/chief/efpac/index.html>.

Current Actual Emissions: Current actual emissions for a pollutant is expressed in tpy and generally is calculated by multiplying the actual hourly emissions rate in pounds per hour (lbs/hr) times actual hours operated (which is the number of hours in a year) and dividing by 2,000 (which is the number of pounds in a ton).

1. For an **existing air pollution source (permitted and unpermitted)** that operated prior to the application submittal, the current actual emissions are the actual rate of emissions for the preceding calendar year and must be calculated using the actual operating hours, production rates, in-place control equipment, and types of materials processed, stored, or combusted during the preceding calendar year. The emission estimates must be based upon actual test data or, in the absence of such data, upon procedures acceptable to the Regional Administrator.

Current Allowable Emissions: Current allowable emissions for a pollutant is expressed in tpy and generally is calculated by multiplying the allowed hourly emissions rate in pounds per hour (lbs/hr) times allowed hours (which is the number of hours in a year) and dividing by 2,000 (which is the number of pounds in a ton).

1. "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

Modeling Analysis

Do I need to do a modeling analysis?

The Federal Minor New Source Review Regulations at 40 CFR 49.159(d) requires that a modeling analysis (AQIA) of proposed emissions be performed if there is reason to be concerned that new construction would cause or contribute to a National Ambient Air Quality Standard (NAAQS) or Prevention of Significant Deterioration (PSD) increment violation.

In addition, if the AQIA reveals that the new construction could cause or contribute to a NAAQS or PSD increment violation; such impacts must be reduced before a pre-construction permit can be issued.

To facilitate the protection of the NAAQS and PSD Increment, EPA requests that those proposed activities that meet the following criteria perform an AQIA:

1. The proposed activity has air emissions that the Reviewing Authority determines has the potential to cause adverse air quality effects for which an air quality impact analysis is necessary for an accurate assessment of the environmental impact of the activities proposed.
2. Modeling of proposed emissions is usually warranted, even though the proposed activity does not meet the modeling requirements, above, if it is reasonable to believe the new activity may cause or contribute to a violation of applicable ambient air quality standards or increments in circumstances such as:
 - (a) A substantial portion of the new or modified emissions have poor dispersion characteristics (e.g., rain caps, horizontal stacks, fugitive releases, or **building downwash**) in close proximity to **ambient air** at the site boundary;
 - (b) The new or modified emissions are located in **complex terrain** (e.g., terrain above stack height in close proximity to the source); or
 - (c) The new or modified emissions are located in areas with existing air quality concerns.
 - (d) If you have questions about whether modeling may be necessary based on the 4th criteria above, please contact the Reviewing Authority:

[Reviewing Authority
Address
Phone]

5. Sources that cannot demonstrate protection of air quality using a screening technique should continue to the modeling requirements in **Step 2** through **Step 5**. Modeling in Steps 2 through 5 should be performed based on an approved protocol.
6. Applicants are encouraged to contact the Reviewing Authority prior to conducting any refined modeling analysis (Step 2 through Step 5) to obtain an approved protocol.

What Should I Include In My Application If Modeling Is Necessary?

1. Approved Modeling Protocol

In order to expedite the permitting process, it is recommended that you include a protocol that has already been approved. An application will not be deemed complete until the protocol has been approved.

2. Modeling Results

In all cases, the modeling results should include the name of the model used, all input parameters, and the resulting output. Electronic copies of the modeling input/output files should be provided to the Reviewing Authority.

ESA

The Endangered Species Act requires us, in consultation with the U.S. Fish and Wildlife Service and/or the NOAA Fisheries Service, to ensure that actions we authorize are not likely to jeopardize the continued existence of any listed species or result in the destruction or adverse modification of designated critical habitat of such species.

To expedite the approval of your proposed construction, we encourage you to identify any listed species that you may be readily aware of that could be affected by your proposal. The following website has been provided to assist you:

<http://www.fws.gov/endangered/>

Simply enter the State and County in which you propose to construct to obtain a general listing.


NHPA

The National Historic Preservation Act requires us, in consultation with State and/or Tribal Historic Preservation Officers to ensure that actions we authorize are not likely to affect cultural resources.

To expedite the approval of your proposed construction, we encourage you to identify any cultural resources that you may be readily aware of that could be affected by your proposal. The following website has been provided to assist you:

<http://nrhp.focus.nps.gov/natreghome.do?searchtype=natreghome>

Simply enter the State and County in which you propose to construct to obtain a general listing.

	<p>United States Environmental Protection Agency Program Address Phone Fax Web address</p>	<p><i>Reviewing Authority Program Address Phone Fax Web address</i></p>
<p>FEDERAL MINOR NEW SOURCE REVIEW PROGRAM IN INDIAN COUNTRY</p> <p>Application For Synthetic Minor Limit (Form SYNMIN)</p>		

Please submit information to:

[*Reviewing Authority
Address
Phone*]

A. GENERAL INFORMATION

Company Name	Source Name	
Company Contact or Owner Name		Title
Mailing Address		
Email Address		
Telephone Number	Facsimile Number	

B. ATTACHMENTS

For each criteria air pollutant, hazardous air pollutant and for all emission units and air pollutant-generating activities to be covered by a limitation, include the following:

- Item 1** - The proposed limitation and a description of its effect on current actual, allowable and the potential to emit.
- Item 2** - The proposed testing, monitoring, recordkeeping, and reporting requirements to be used to demonstrate and assure compliance with the proposed limitation.
-
- Item 3** - A description of estimated efficiency of air pollution control equipment under present or anticipated operating conditions, including documentation of the manufacturer specifications and guarantees.
-
- Item 4** - Estimates of the Post-Change Allowable Emissions that would result from compliance with the proposed limitation, including all calculations for the estimates.
- Item 5** - Estimates of the potential emissions of Greenhouse Gas (GHG) pollutants:

3. Section B. ATTACHMENTS

This section lists the information that must be attached to the application form for each requested limitation. The requested limitation(s) must be described for each affected emissions unit (or pollutant-generating activity) and pollutant and must be accompanied by the supporting information listed on the form and described below. Note that applicability of many federal Clean Air Act requirements (such as Title V, PSD and MACT) is often based on source-wide emission levels of specific pollutants. In that case, all emissions units at a source and all pollutants regulated by that given rule or regulation must be addressed by this section of the application form.

Item 1 – The requested limitation and its effect on actual emissions or potential to emit must be presented in enough detail to document how the limitation will limit the source's actual or potential emissions as a legal and practical matter and, if applicable, will allow the source to avoid an otherwise applicable requirement. The information presented must clearly explain how the limitation affects each emission unit and each air pollutant from that emission unit. Use the information provided in response to Item 4 below to explain how the limitation affects emissions before and after the limitation is in effect.

Item 2 – For each requested limitation, the application must include proposed testing, monitoring, recordkeeping and reporting that will be used to demonstrate and assure compliance with the limitation. Testing approaches should incorporate and reference appropriate EPA reference methods where applicable. Monitoring should describe the emission, control or process parameters that will be relied on and should address frequency, methods, and quality assurance.

Item 3 – The application must include a description and estimated efficiency of air pollution control equipment under present or anticipated operating conditions. For control equipment that is not proposed to be modified to meet the requested limit, simply note that fact; however, for equipment that is proposed to be modified (e.g. improved efficiency) or newly installed to meet the proposed limit, address both current and future descriptions and efficiencies. Include manufacturer specifications and guarantees for each control device.

Items 4 – Any emission estimates submitted to the Reviewing Authority must 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 Reviewing Authority.

Post-Change Allowable Emissions: A source's allowable emissions for a pollutant is expressed in tpy and generally is calculated by multiplying the allowed hourly emissions rate in pounds per hour (lbs/hr) times allowed hours (which is the number of hours in a year) and dividing by 2,000 (which is the number of pounds in a ton).

Item 5 - New construction projects that have the potential to emit GHG emissions of at least 100,000 tpy CO₂e and 100 or 250 tpy on a mass basis, modifications at existing PSD facilities that increase GHG emissions by at least 75,000 tpy CO₂e and minor sources that increase GHG emissions by at least 100,000 tpy CO₂e and 100 or 250 tpy on a mass basis are subject to PSD permitting requirements, even



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**GENERAL AIR QUALITY PERMIT QUESTIONNAIRE
FOR NEW OR MODIFIED
AUTO BODY SHOPS & SURFACE COATING OPERATIONS**

DOES THIS GENERAL PERMIT APPLICATION APPLY TO MY FACILITY?

The following questionnaire is intended to help you, the source owner or operator, determine whether or not you qualify for a General Air Quality Permit for Auto Body Shops and Surface Coating Operations. This Auto Body Shops and Surface Coating Operations general permit questionnaire is for sources located, or planning to locate, within [geographic location].

The questions will focus on general information pertaining to your existing or future Auto Body Shop and/or Surface Coating Operation. The questionnaire is not meant to be exhaustive and only requires general estimates of plant information, including: process rates, fuel use, raw material use, and emissions. This questionnaire is not necessary for the General Air Quality Permit Application and is strictly intended to assist you in evaluating your source's need for and whether you might qualify for the General Permit. This questionnaire seeks to save you valuable time in determining eligibility, as well as the [Reviewing Authority], by informing sources of their need, or lack of need, for an Air Quality Permit.

You may wish to continue with this Questionnaire if:

- Your source will not emit more than X tons per year or more of any New Source Review regulated air pollutant.
- Your source is a motor vehicle and mobile equipment surface coating operation that uses spray application of coatings.
- You are an individual who spray applies surface coating to more than two motor vehicles or pieces of mobile equipment per year.
- You are unsure of your applicability for the General Air Quality Permit program and wish to discern whether or not you should apply for a General Air Quality Permit for an Auto Body Shop and/or Surface Coating Operation.

If you believe this questionnaire will assist you in your General Air Quality Permit Application process, please continue on to the next page.

If any questions arise during this questionnaire, the application, or the permitting process, please feel free to contact [Reviewing Authority]

Reviewing Authority
Program
Address
Phone
Fax
Web Address

Sources that have a maximum capacity that exceeds these limitations would most likely need to apply for a source specific permit. If you answered 'No' to any of these questions, your source will likely not be able to qualify for coverage under the General Air Quality Permit. Contact [Reviewing Authority] if you believe your source will need a source specific permit.

What other Requirements does the General Air Quality Permit have?

General Air Quality Permits have certain limitations and requirements that must be met in order to qualify for coverage. Capacity limitations are just some of these requirements. There are many other requirements that affect all aspects of your future, or existing, Auto Body Shop and/or Surface Coating Operation.

Below are several general questions that are intended to help give you an idea of what will be required of the General Air Quality Permit. If you answer 'Yes' to all of these questions, then your facility will likely qualify with the General Air Quality Permit terms and conditions. If you answered 'No' to any of these questions, then you will likely have to alter your construction plans in order to meet the requirements of the General Air Quality Permit.

1. Will the spray painting application equipment, exhaust filtration systems, and spray booths be maintained in accordance with the recommended procedures and maintenance intervals of the respective manufacturers in order to minimize air contaminant emissions.
 Yes No
2. Will you assure that emissions from the paint booth(s) stack(s), or any other stack, vent, or functionally equivalent opening associated with the paint booth(s), shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period?
 Yes No
3. Will you assure that your source shall not use Methylene Chloride (MeCl) to remove paint at this facility?
 Yes No
4. Will all painting at your source, including application of primer, be conducted inside paint booth(s) with filters in place, fan(s) operating, and door(s) closed?
 Yes No



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**GENERAL AIR QUALITY PERMIT APPLICATION
 FOR NEW OR MODIFIED MINOR
 AUTO BODY SHOPS & SURFACE COATING OPERATIONS
 QUALIFICATIONS, INSTRUCTIONS, TERMS & CONDITIONS**

This General Permit application applies to the construction of new or the modification of existing motor vehicle and mobile equipment surface coating operations, and miscellaneous surface coating operations that use between X and Y gallons of solvents per year (gpy) in Ozone Attainment areas of Indian country. If your auto body shop or surface coating operation uses less than X gpy, you do not need a permit. Auto body shops and surface coating operations that use more than Y gpy are considered major sources and not eligible under this General Air Quality Permit but should instead apply for individual source permits in order to receive approval to construct and operate.

You qualify to apply for coverage under this general permit if you meet all of the following criteria:

- You currently own or operate an auto body shop or surface coating operation that uses spray application of coatings.
- Your operation must not emit more than X tons per year or more of any New Source Review regulated air pollutant.
-
- You are an individual who spray applies surface coating to more than two motor vehicles or pieces of mobile equipment per year.
- Your operation will document that the total quantity of volatile organic compounds (VOCs) in all coatings used does not exceed X pounds per day, averaged monthly. Coatings include all solvents and thinners used in the process including those for cleanup.

The permitting authority retains discretion to deny coverage under a general permit and require a regular minor source permit even if the above criteria are met.



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AIR QUALITY GENERAL PERMIT APPLICATION
 FOR THE CONSTRUCTION OF NEW MINOR SOURCES
 OR MODIFICATIONS TO AN EXISTING SOURCE

Prior to construction or modification, complete this application and submit it to:

**REVIEWING AUTHORITY
 PROGRAM
 ADDRESS**

For questions with this application please call: *Phone*

Contact Information	
1. Business Name	2. Date
3. Site Address	4. Operator or Contact at Site (if different from owner)
5. County	6. Phone of Operator or Contact (if different from owner)
7. Owner	8. Telephone of Owner
9. Type of Ownership <input type="checkbox"/> Corporation <input type="checkbox"/> Sole Owner <input type="checkbox"/> Partnership <input type="checkbox"/> Government <input type="checkbox"/> Other (Please specify) _____	10. Mailing address of Owner
11. Send all correspondence regarding this permit application to: Company Name _____ Address _____ _____ c/o _____	12. The authorized contact person regarding this permit application is: Name _____ Phone _____ Email _____

THIS IS YOUR APPLICATION: Return to [who]

MATERIALS USED

List all products used containing volatile organic compounds (VOCs) for proposed and existing operations using information from Material Safety Data Sheets (MSDS) or Product Data Sheets. Attach all copies of each product MSDS with this form. Products should include all: contact cements, adhesives, paints, primers, sealers, thinners, reducers, solvents, catalysts, resins, etc.

Coating Products	Amount Used (tons per year)	VOC Contents* (% or lb / gal)

* See MSDS or Product Information Data Sheet

Recordkeeping Requirements for the Permit

- a) Do you, as the facility owner or operator, agree to submit an annual monitoring report to the [Reviewing Authority] on (DATE)?
 Yes No
- b) Will you review and update your plan annually and keep records of the review and changes made on site?
 Yes No
- c) Will you keep all records on file including (but not limited to) any notifications sent to the Reviewing Authority, painter training certifications, spray booth filter efficiency documentation, spray gun transfer efficiency, deviation and corrective action documentation?
 Yes No
- d) Will you notify your reviewing authority prior to making any modifications that would disqualify your facility from this permit?
 Yes No

Please check all sections of the application to ensure completion before signing.

APPLICANT'S STATEMENT

(To be signed by the applicant)

I certify that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Name	Name	Date
(signature)	(printed or typed)	

THIS IS YOUR APPLICATION: Return to [who]



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**GENERAL AIR QUALITY PERMIT
 APPROVAL TO CONSTRUCT AND OPERATE
 AUTO BODY SHOPS & SURFACE COATING OPERATIONS**

QUALIFICATIONS, INSTRUCTIONS, TERMS & CONDITIONS

General Terms & Conditions

1. The Permittee shall abide by all representations, statements of intent and agreements contained in the qualifications, instructions, and terms and conditions outlined in this permit.
2. All reasonable precautions shall be taken to prevent and or minimize fugitive emissions.
3. Issuance of this permit does not relieve the Permittee, the owner, and/or operator of the responsibility to comply fully with all other applicable Federal and Tribal rules, regulations, and orders now or hereafter in effect.
4. Noncompliance with any permit term or condition is a violation of the permit and may constitute a violation of the Act and is grounds for enforcement action and for permit termination or revocation.
5. It is not a defense, for the Permittee, in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
6. *Permit Effective Date:* This permit is effective thirty (30) days after receipt of the permit, unless an appeal is made to the Environmental Appeals Board, in writing, that this individual source is not eligible to receive a general permit. Such notice should be made within thirty days of receipt of the permit, and should include the reason or reasons for the appeal. If an appeal is made, coverage of the individual source under the general permit will be stayed.
7. *Invalidation of Permit:* This permit becomes invalid if construction is not commenced within 18 months after the effective date of the permit, construction is discontinued for 18 months or more, or construction is not completed within a reasonable time. The Reviewing Authority may extend the 18-month period upon a satisfactory showing that an extension is justified.
8. *Notification of Start-up:* The Permittee shall submit a notification of the anticipated date of initial start-up of the Source to EPA not more than 60 days prior to such date or less than 15 days prior to such date. A notification of the actual date of initial start-up shall be submitted within 15 days after such date.
9. *Notification of Change to Construction Plans:* The Reviewing Authority shall be notified ten (10) days in advance of any significant deviation from the permit application as well as deviations from any plans furnished with permit application, specifications or supporting data furnished. The issuance of this permit may be suspended or revoked if the Reviewing Authority determines that a significant deviation from the permit application, specifications, and supporting data furnished has been or is to be made. If the proposed source is constructed, operated, or modified not in accordance with the terms of this permit, the Permittee will be subject to appropriate enforcement action.
10. *Permit Transfers:* The Reviewing Authority shall be notified in if the company is sold or changes its name. Permittee must ensure that the permitted source will remain in compliance with permitted conditions during any such transfer of ownership.
11. The Permittee shall send all required notifications and reports to:

Reviewing Authority
 Program
 Address

Auto Body Shops & Surface Coating Operations Specific Terms & Conditions**1. Limitations on Throughput**

The annual throughput at this facility shall not exceed more than X gallons of coating materials per consecutive twelve month period.

2. Emission Control Requirements

- a. Emissions from the paint booth(s) stack(s), or any other stack, vent, or functionally equivalent opening associated with the paint booth(s), shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period. To demonstrate compliance with the emissions limits Permit Condition the paint booth heater(s) shall only combust only the fuel the facility has proposed as fuel.
- b. The facility owner or operator shall not use Methylene Chloride (MeCl) to remove paint at this facility.
- c. The combination of all coating materials used in the automotive coating process, including but not limited to pre-treatment wash primer, primer, topcoat, clear coat, catalyst, activator, hardener, and thinner/reducer, shall not exceed Y gallons per day or X per consecutive twelve month period.
- d. All painting at this facility, including application of primer, shall be conducted inside the booth(s) with filters in place, fan(s) operating, and door(s) closed. For complete vehicles the booth must be fully enclosed with a full roof, and four complete walls or complete side curtains, and must be ventilated at negative pressure so that air is drawn into any openings in the booth walls or preparation station curtains.
- e. For coating miscellaneous parts and products or vehicle subassemblies the booth must have a full roof, at least three complete walls or complete side curtains, and must be ventilated so that air is drawn into the booth.
- f. All painting shall be conducted with a HVLP spray gun, or equivalent technology, with a minimum 65% transfer efficiency.
- g. The facility owner or operator shall install, maintain, and operate according to the manufacturer's specifications and recommendations, a spray booth filter system with a minimum capture efficiency of 98% for PM10 emissions.
- h. All painters must be certified that they have completed training in the proper spray application of surface coatings and the proper setup and maintenance of spray equipment.

3. Maintenance, Recordkeeping, Reporting

- a. The facility owner or operator shall regularly maintain the spray painting application equipment, exhaust filtration systems, and spray booths in accordance with the recommended procedures and maintenance intervals of the respective manufacturers in order to minimize air contaminant emissions.
- b. Paint application equipment shall be cleaned using one or more of the following means: (i) In a device that remains closed at all times when not in use. (ii) In a system that discharges non-atomized cleaning solvent into a waste container that remains closed when not in use. (iii) In a reservoir that allows for disassembly and cleaning of application equipment and that is kept closed when not in use. (iv) In a system that atomizes cleaning solvent into a waste container that is fitted with a device designed to capture atomized solvent emissions.
- c. The owners or operators shall store the following materials in non-absorbent, non-leaking containers and keep these containers closed at all times when not in use: fresh coatings, used coatings, solvents, VOC-containing additives and materials, VOC-containing waste materials, and cloth, paper, or absorbent applicators moistened with any of the items listed above.
- d. The facility owner or operator is required to record monthly the rolling twelve month total of the following information for each VOC-containing material (coatings, thinners, reducers, surfacers, clean-up solvents, etc.) used or purchased by the facility in each calendar year: (i) The name and identification number of each material. (ii) The quantity of each material used or purchased, in gallons. (iii) The volatile organic compound (VOC) content of each material, in pounds per gallon. (iv) The total volume, in gallons, of all VOC-containing materials used or purchased.
- e. The facility owner or operator shall maintain records documenting: (i) the fuel used complied with opacity requirement; (ii) Methylene Chloride has not been used; (iii) all painting has been done under negative painting conditions and inside spray booths; (iv) spray gun transfer efficiency; (v) capture efficiency of spray booths; (vi) that all painters have completed appropriate training and are certified (including dates).
- f. The facility owner or operator shall maintain records documenting: (i) maintenance of spray painting equipment, exhaust filtration systems, and spray booths in accordance with manufacturers' recommended procedures and maintenance schedules; (ii) how the source cleans the paint application equipment;; (iii) any deviations and corrective action taken.
- g. The facility owner or operator shall maintain a record of the number of jobs performed per week.
- h. The facility owner or operator is required to submit an annual monitoring report including the type and frequency of monitoring, and a summary of results obtained by monitoring to **[Reviewing Authority]** by (DATE).
- i. When requested by the **[Reviewing Authority]**, the facility owner or operator shall complete and submit an annual emissions inventory questionnaire. The questionnaire is due 90 days after the Control Officer makes a written request and shall include emission information for the previous calendar year. The questionnaire shall be on a form provided by, or approved by, the **[Reviewing Authority]**.



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**GENERAL AIR QUALITY PERMIT QUESTIONNAIRE
FOR NEW OR MODIFIED
DRY CLEANING FACILITIES**

DOES THIS GENERAL PERMIT APPLICATION APPLY TO MY FACILITY?

The following questionnaire is intended to help you, the source owner or operator, determine whether or not you are eligible for a General Air Quality Permit for Dry Cleaning Facilities. This Dry Cleaning Facilities general permit questionnaire is for sources located, or planning to locate, within [geographic location].

The questions will focus on general information pertaining to your existing or future Dry Cleaning Facility. The questionnaire is not meant to be exhaustive and only requires general estimates of plant information, including: process rates, fuel use, raw material use, and emissions. This questionnaire is not required for the General Air Quality Permit Application and is strictly intended to assist you in evaluating your source's eligibility for a general permit. This questionnaire seeks to save you valuable time in determining eligibility, as well as the [Reviewing Authority], by informing you of the need, or lack of need, for an Air Quality Permit.

You may wish to continue with this Questionnaire if:

- You are a dry cleaning and/or laundry service provider.
- You are an industrial laundry facility.
- Your dry cleaning unit(s) use petroleum solvents as the dry cleaning solvents;
- Your source is, or will be located, within Tribal lands or territory;
- You are not in a co-residential building.
- You have only dry-to-dry type machines.
- You are unsure of your applicability for the General Air Quality Permit program and wish to discern whether or not you should apply for a General Air Quality Permit for a Dry Cleaning Facility.

If you believe this questionnaire will assist you in your General Air Quality Permit Application process, please continue on to the next page.

If any questions arise during this questionnaire, the application, or the permitting process, please feel free to contact [Reviewing Authority]

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Sources that have a maximum capacity that exceeds these limitations would most likely need to apply for a source specific permit. If you answered 'No' to these questions, your source will likely not be able to qualify for coverage under the General Air Quality Permit. Contact [Reviewing Authority] if you believe that your source will need a source specific permit.

What other Requirements does the General Air Quality Permit have?

General Air Quality Permits have certain limitations and requirements that must be met in order to qualify for coverage. Capacity limitations are just some of these requirements. There are many other requirements that affect all aspects of your future, or existing, Dry Cleaning Facility.

Below are several general questions that are intended to help give you an idea of what will be required in the General Air Quality Permit. If you answer 'Yes' to all of these questions, then your source will likely qualify for the General Air Quality Permit. If you answered 'No' to any of these questions, then you will likely have to alter your construction plans in order to qualify for the General Air Quality Permit.

1. Will emissions units, and control devices associated with any emission units, constructed under this permit comply with all applicable requirements?
 Yes No

2. Will emissions units and control devices be operated and maintained in accordance with the recommended procedures and maintenance intervals of the respective manufacturers in order to minimize air contaminant emissions?
 Yes No

3. Will all containers, equipment, lint filter, and button-trap covers remain closed to prevent exposure of petroleum solvents?
 Yes No

4. Will all petroleum solvent vapor and liquid leaks be repaired within three working days after identifying the sources of the leaks?
 Yes No

If you believe, based upon your answers in this questionnaire that your Dry Cleaning Facility would qualify for a General Air Quality Permit, then please contact [Reviewing Authority] to obtain a permit application.

This questionnaire is not necessary for the general permit application and may be discarded at any time. Please keep in mind that this questionnaire is only intended to give you, the source owner, a better idea of your applicability in the General Air Quality Permit program. This questionnaire does not cover all of the requirements in the General Air Quality Permit and does not guarantee approval of a preconstruction permit.



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**GENERAL AIR QUALITY PERMIT APPLICATION
 FOR NEW OR MODIFIED MINOR
 DRY CLEANING FACILITIES**

QUALIFICATIONS, INSTRUCTIONS, TERMS & CONDITIONS

This General Permit application applies to the construction of new or the modification of existing industrial and commercial Dry Cleaning Facilities using between X and Y gallons of petroleum solvents per year in [Geographic Area]. If your dry cleaning facility uses less than X gpy, you do not need a permit. Dry cleaning facilities that use more than Y gpy are considered major sources and not eligible under this General Air Quality Permit but should instead apply for individual source permits in order to receive approval to construct and operate.

You qualify to apply for coverage under this general permit if you meet all of the following criteria:

- You are a dry cleaning and/or laundry service provider.
- You are an industrial laundry facility.
- Your dry cleaning unit(s) use petroleum solvents as the dry cleaning solvents;
- Your facility is, or will be located, within Tribal lands or territory;
- You are not in a co-residential building;
- You have only dry-to-dry type machines; and
- You complete all pages of this application in its entirety and return a copy to [Reviewing Authority].

The permitting authority retains discretion to deny coverage under a general permit and require a regular minor source permit even if the above criteria are met.

INSTRUCTIONS

Step 1. Complete all sections of the permit application. If you have questions, please contact [who, at phone].


Step 2. You may not commence construction until you receive notification of the final decision on your application for coverage under this general permit.¹

Step 3. [Reviewing Authority] will act on your permit application as expeditiously as possible and will notify you if more information is needed in writing within 45 days from receipt of your application. Upon deeming the application complete, the [Reviewing Authority] will follow the public notice procedures outlines in 40 CFR 49.157 and upon further evaluation your permit application will be granted or denied no later than 180 days after the date the application is deemed complete and all additional information necessary to make an informed decision has been provided by you. .

Step 4. [Reviewing Authority] will issue a final permit if it is found that the source application meets all applicable requirements. Otherwise, a letter denying the permit and the reasons for the denial will be sent to you. Such a letter is a final permit action for purposes of judicial review only for the issue of whether your source qualifies for this general permit.

Step 5. If your permit application has been approved, the permit must be posted on the premises. You must comply with all conditions and terms of the permit. You will be subject to enforcement action for failure to obtain a preconstruction permit if you construct the emissions unit(s) or source with general permit approval and your source is later determined not to qualify for the conditions and terms of the general permit.

¹ When acting as the reviewing authority, a Tribal government can establish and collect fees for permit applications under its own authority through delegation or by developing a Tribal Implementation Plan.

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**AIR QUALITY GENERAL PERMIT APPLICATION
 APPROVAL TO CONSTRUCT AND OPERATE
 DRY CLEANING FACILITIES**

Prior to construction or modification, complete this application and submit it to:

**REVIEWING AUTHORITY
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For questions with this application please call: *Phone*

Contact Information

1. Business Name	2. Date
3. Site Address (Please Include County and Tribal Land Information)	4. Mailing Address of Owner (if different from site address)
5. Owner	6. Telephone of Owner
7. Operator or Contact at Site (if different from owner)	8. Phone of Operator or Contact (if different from owner)
9. Type of Ownership <input type="checkbox"/> Corporation <input type="checkbox"/> Sole Owner <input type="checkbox"/> Other (Please Specify) <input type="checkbox"/> Partnership <input type="checkbox"/> Government	10. UTM Coordinates or Latitude and Longitude of Facility
11. Send all correspondence, including Permit to : Company Name _____ Address _____ _____ c/o _____	12. The authorized contact person regarding this application is: Name _____ (ph) _____ Email _____
13. FACILITY SETTING	Stand-alone (No other occupants in building)
Co-residential (Shares building with a residence (s), even if the residence is currently vacant). <input type="checkbox"/> Yes <input type="checkbox"/> No	Co-commercial (Shares building with commercial occupants, no residential occupants; includes malls). <input type="checkbox"/> Yes <input type="checkbox"/> No

16. Description of Dry Cleaning and Control Equipment

Please provide the following information for this dry cleaning plant.

Solvent	Gallons	Annual Period (MM/YY to MM/YY)
Petroleum Solvent		
Other (specify:)		
Other (specify:)		

In the following table, list each dry cleaning machine (i.e., dry-to-dry or transfer) or other emission unit owned, leased, or operated at your facility. For each machine, give a unique identifier (e.g. facility numbering system or emissions inventory ID#), a description (note the make and model of the machine, e.g., “dry-to-dry” or “transfer”), type of solvent, number of hours per year operated, the date the equipment was manufactured or modified, the installation date (actual or projected), and the type and efficiency of any control equipment.

Emission Unit ID#	Equipment Description	Solvent	Maximum Hours of Operation (hrs/yr)	Manufacture or Modification Date MM/DD/YY	Install Date MM/DD/YY

List all control equipment installed at your dry cleaning facility. For each machine, give a unique identifier (e.g. facility numbering system or emissions inventory ID#).

Emission Unit ID#	Type of Control Equipment	Date of Installation or Purchase	Make	Model

a. Will your total yearly petroleum solvent consumption be less than X gallons per year?

Yes No

b. Is/are the dry-to-dry machine(s) used at this facility vented?

Yes No Not Applicable

Please check all sections of the Perchloroethylene Dry Cleaning Facilities General Permit application to ensure completion before moving on to the final section.

APPLICANT'S STATEMENT

(To be signed by the applicant)

I certify that the information provided as part of this application is true and accurate to the best of my knowledge and that I have read, understand, and agree to abide by the permit's terms and conditions.

Name _____	Name _____	Date _____
(signature)	(printed or typed)	

Please check all sections of the Rock Crushing and Screening Facilities General Permit application to ensure completion before signing.

APPLICANT'S STATEMENT

(To be signed by the applicant)

19. I certify that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Name: _____	Name: _____	Date: _____
(signature)	(printed or typed)	



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**GENERAL AIR QUALITY PERMIT
 APPROVAL TO CONSTRUCT AND OPERATE
 DRY CLEANING FACILITIES**

QUALIFICATIONS, INSTRUCTIONS, TERMS & CONDITIONS

General Terms & Conditions

1. The Permittee shall abide by all representations, statements of intent and agreements contained in the qualifications, instructions, and terms and conditions outlined in this permit.
2. All reasonable precautions shall be taken to prevent and or minimize fugitive emissions.
3. Issuance of this permit does not relieve the Permittee, the owner, and/or operator of the responsibility to comply fully with all other applicable Federal and Tribal rules, regulations, and orders now or hereafter in effect.
4. Noncompliance with any permit term or condition is a violation of the permit and may constitute a violation of the Act and is grounds for enforcement action and for permit termination or revocation.
5. It is not a defense, for the Permittee, in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
6. *Permit Effective Date:* This permit is effective thirty (30) days after receipt of the permit, unless an appeal is made to the Environmental Appeals Board, in writing, that this individual source is not eligible to receive a general permit. Such notice should be made within thirty days of receipt of the permit, and should include the reason or reasons for the appeal. If an appeal is made, coverage of the individual source under the general permit will be stayed.
7. *Invalidation of Permit:* This permit becomes invalid if construction is not commenced within 18 months after the effective date of the permit, construction is discontinued for 18 months or more, or construction is not completed within a reasonable time. The Reviewing Authority may extend the 18-month period upon a satisfactory showing that an extension is justified.
8. *Notification of Start-up:* The Permittee shall submit a notification of the anticipated date of initial start-up of the Source to EPA not more than 60 days prior to such date or less than 15 days prior to such date. A notification of the actual date of initial start-up shall be submitted within 15 days after such date.
9. *Notification of Change to Construction Plans:* The Reviewing Authority shall be notified ten (10) days in advance of any significant deviation from the permit application as well as deviations from any plans furnished with permit application, specifications or supporting data furnished. The issuance of this permit may be suspended or revoked if the Reviewing Authority determines that a significant deviation from the permit application, specifications, and supporting data furnished has been or is to be made. If the proposed source is constructed, operated, or modified not in accordance with the terms of this permit, the Permittee will be subject to appropriate enforcement action.
10. *Permit Transfers:* The Reviewing Authority shall be notified if the company is sold or changes its name. Permittee must ensure that the permitted source will remain in compliance with permitted conditions during any such transfer of ownership.
11. The Permittee shall send all required notifications and reports to:

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Dry Cleaning Facilities Specific Terms & Conditions**1. Limitations on Throughput**

The annual throughput at this facility shall not exceed more than X gallons of petroleum solvents per consecutive twelve month period.

2. Emission Control Requirements

- a. The facility owner or operator shall implement reasonable precautions or measures to minimize fugitive dust emissions from the handling, transporting or disposition of any substance or material which is likely to be scattered by the air or wind or is susceptible to being airborne or wind-borne.
- b. The owner or operator of a petroleum solvent dry cleaning facility shall not operate any dry cleaning equipment using petroleum solvents unless: i. there are no perceptible liquid or vapor leaks from any portion of the equipment; ii. all washer lint traps, button traps, access doors and other parts of the equipment where petroleum solvent may be exposed to the atmosphere are kept closed at all times except when required for proper operation or maintenance; iii. the still residue is stored in sealed containers and the used filtering material is placed into a sealed container suitable for use with petroleum solvents, immediately after removal from the filter and disposed of in the prescribed manner; or iv. cartridge filters containing paper or carbon or a combination thereof, which are used in the dry cleaning process are drained in the filter housing for at least 24 hours prior to removal.
- c. The owner or operator of a petroleum solvent dry cleaning facility shall not operate any drying tumblers and cabinets that use petroleum solvents unless tumblers and cabinets are operated in a manner to control petroleum solvent vapor leaks by reducing the number of sources where petroleum solvent is exposed to the atmosphere.
- d. Under no circumstances will there be any open containers (can, buckets, barrels) of petroleum solvent or petroleum solvent-containing material. Equipment containing solvent (washers, dryers, extractors, and filters) shall remain closed at all times other than during maintenance or load transfer. Lint filter and button trap covers shall remain closed except when petroleum solvent-laden lint and debris are removed. Petroleum solvent-laden clothes shall never be allowed to remain exposed to the atmosphere for longer periods than are necessary for load transfers.

3. Maintenance Requirements

- a. All control devices shall be constructed, operated, and maintained according to manufacturers' specifications. Manufacturer's specifications shall be kept on-site or at the closest field office and made available to regulatory personnel upon request.
- b. Gaskets and seals shall be inspected periodically and replaced when found worn or defective.
- c. Vents on petroleum solvent-containing waste and new petroleum solvent storage tanks shall be constructed and maintained in a manner that limits petroleum solvent vapor emissions to the maximum possible extent.
- d. The owner or operator shall repair all petroleum solvent vapor and liquid leaks within three working days after identifying the sources of the leaks. If necessary repair parts are not on hand, the owner or operator shall order these parts within three working days, and repair the leaks no later than three working days following the arrival of the necessary parts.
- e. Filters from the petroleum dry cleaning facility shall be disposed of by: i. incineration at a facility approved by the fire marshal's office for such disposal; b ii. recycling through an approved vendor of this service; or, iii. any other method approved by the **[Reviewing Authority]**.

4. Monitoring, Recordkeeping, Reporting

- a. Each owner or operator of an affected facility subject to the provisions of Condition 15(a) shall perform an initial test to verify that the flow rate of recovered solvent from the solvent recovery dryer at the termination of the recovery cycle is no greater than 0.05 liters per minute. This test shall be conducted for a duration of no less than two weeks during which no less than 50 percent of the dry loads shall be monitored for their final recovered solvent flow rate. Records of this performance test must be kept for future review.
- b. The facility owner or operator shall maintain records of any addition, removal, or replacement of emissions units subject to this permit, including the manufacture, modification and installation dates.
- c. The facility owner or operator shall maintain records of emissions, solvent purchase orders, and monthly throughput.
- d. The facility owner or operator shall maintain records documenting the minimization of fugitive emissions.
- e. The facility owner or operator shall maintain records documenting: (i) the frequency (i.e., weekly) of inspections for leaks; (ii) when leaks are found and the amount of time it takes to repair a leak; (iii) operational procedures used to limit the petroleum solvent vapor emissions to the maximum possible extent; (iv) how the facility disposes of the filters; (v) the system has been tested to meet 95% control, including work practices.
- f. The facility owner or operator shall maintain an equipment inventory. Such inventory shall be updated each time there is any change to any facility equipment (i.e., addition, removal, or replacement) that is subject to this permit.



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**GENERAL AIR QUALITY PERMIT QUESTIONNAIRE
FOR NEW OR MODIFIED
GASOLINE DISPENSING FACILITIES**

DOES THIS GENERAL PERMIT APPLICATION APPLY TO MY FACILITY?

The following questionnaire is intended to help you, the source owner or operator, determine whether or not you are eligible for a General Air Quality Permit Application for Gasoline Dispensing Facilities. This Gasoline Dispensing Facilities general permit questionnaire is for sources located, or planning to locate, within [geographic location].

The questions will focus on general information pertaining to your existing or future Gasoline Dispensing Facility. The questionnaire is not meant to be exhaustive and only requires general estimates of plant information, including: process rates, fuel use, raw material use, and emissions. This questionnaire is not necessary for the General Air Quality Permit Application and is strictly intended to assist you in evaluating your source's eligibility for a general permit. This questionnaire seeks to save you valuable time in determining eligibility, as well as the [Reviewing Authority], by informing you of the need, or lack of need, for an Air Quality Permit.

You may wish to continue with this Questionnaire if:

- You currently own or operate a Gasoline Dispensing Facility that you plan on modifying or you plan on constructing a new Gasoline Dispensing Facility;
- Your source is, or will be located, within Tribal lands or territory;
- You do not have any other activities at this site requiring an air quality permit;
- Your source is a gasoline dispensing facility that dispenses gasoline for resale or non-resale purposes.
- You are unsure of your applicability for the General Air Quality Permit program and wish to discern whether or not you should apply for a General Air Quality Permit for a Gasoline Dispensing Facility.

If you believe this questionnaire will assist you in your General Air Quality Permit Application process, please continue on to the next page.

If any questions arise during this questionnaire, the application, or the permitting process, please feel free to contact [Reviewing Authority]

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What other Requirements does the General Air Quality Permit have?

General Air Quality Permits have certain limitations and requirements that must be met in order to qualify for coverage. Capacity limitations are just some of these requirements. There are many other requirements that affect all aspects of your future, or existing, Gasoline Dispensing Facility.

Below are several general questions that are intended to help give you an idea of what will be required of the General Air Quality Permit. If you answer 'Yes' to all of these questions, then your facility will likely have little problem adjusting to the General Air Quality Permit terms and conditions. If you answered 'No' to any of these questions, then you will likely have to alter your construction plans in order to meet the requirements of the program.

1. Will your source utilize a Stage I Vapor recovery system?
 Yes No
2. Will you assure that the required Stage I Vapor Recovery Equipment is properly connected and in use at all times while gasoline is actively being dropped/delivered?
 Yes No
3. Will all gasoline storage tanks with a capacity of greater than 250 gallons at your source have submerged fill pipes?
 Yes No
4. Will you minimize spills and leaks at your source?
 Yes No

At this point, you probably have a better idea of whether or not your Gasoline Dispensing Facility would be able to receive a General Air Quality Permit. If you would like to continue with the permitting process, please contact [Reviewing Authority] about obtaining a permit application.

This questionnaire is not necessary for the general permit application and may be discarded at any time. Please keep in mind that this questionnaire is only intended to give you, the source owner, a better idea of your applicability in the General Air Quality Permit program. This questionnaire does not cover all of the requirements in the General Air Quality Permit and does not guarantee approval of a preconstruction permit.



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**GENERAL AIR QUALITY PERMIT APPLICATION FOR
NEW OR MODIFIED MINOR
GASOLINE DISPENSING FACILITIES**

INSTRUCTIONS, TERMS & CONDITIONS

This New Source Review General Permit application applies to the construction of new or the modification of existing Gasoline Dispensing Facilities that are projected to dispense between **X and Y** gallons of gasoline per year in [Geographic Area]. If your Gasoline Dispensing Facility dispenses under **X** Gallons per year, you do not need a permit. For gasoline dispensing facilities that dispense greater than 10,000 gallons of gasoline per month, submerged fill pipes are required. For gasoline dispensing facilities that dispense greater than 100,000 gallons of gasoline per month, Stage I control technology is required.

You qualify to apply for coverage under this general permit if you meet all of the following criteria:

- You currently own or operate or plan to construct or modify a Gasoline Dispensing Facility that dispenses gasoline for resale or non-resale purposes.
- You do not have any other activities at this site requiring an air quality permit.
- You do not have an obstruction at the bottom of the fill pipe that prevents the measurement of how far the end of the fill pipe is from the bottom of the tank (overflow protection flappers are OK) unless the screen and/or other obstruction in the fill pipe assembly is CARB-certified and the screen and/or other obstruction is removed prior to inspection by the Control Officer to allow measurements.
- Your facility has a vapor return line on each gasoline tank to return the vapors to the tank truck.
- You complete all pages of this application in its entirety and return a copy to [Reviewing Authority].

The reviewing authority retains discretion to deny coverage under a general permit and require a regular minor source permit even if the above criteria are met.

INSTRUCTIONS

- Step 1.** Complete all sections of the permit application. If you have questions, please contact [who, at phone].
- Step 2.** You may not commence construction until you receive notification of the final decision on your application for coverage under this general permit.
- Step 3.** [Reviewing Authority] will act on your permit as expeditiously as possible, and will notify you if more information is needed in writing within 45 days (CHECK DATE) from receipt of your application. Upon deeming the application complete, the [Reviewing Authority] will follow the public notice procedures outlines in 40 CFR 49.157 and upon further evaluation your permit application will be granted or denied no later than 180 days after the date the application is deemed complete and all additional information necessary to make an informed decision has been provided by you.
- Step 4.** [Reviewing Authority] will issue a final permit if it is found that the source application meets all applicable requirements. Otherwise, a letter denying the permit and the reasons for the denial will be sent to you. Such a letter is a final permit action for purposes of judicial review only for the issue of whether your source qualifies for this general permit.
- Step 5.** If your permit application has been approved, the permit must be posted on the premises. You must comply with all conditions and terms of the permit. You will be subject to enforcement action for failure to obtain a preconstruction permit if you construct the emissions unit(s) or source with general permit approval and your source are later determined not to qualify for the conditions and terms of the general permit.



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AIR QUALITY GENERAL PERMIT APPLICATION
APPROVAL TO CONSTRUCT AND OPERATE
NEW OR MODIFICATIONS TO EXISTING GASOLINE DISPENSING FACILITIES OR
MODIFICATIONS TO AN EXISTING SOURCE

Prior to construction or modification, complete this application and submit it to:

REVIEWING AUTHORITY
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For questions with this application please call: *Phone*

Contact Information	
1. Business Name	2. Date
3. Site Address	4. Operator or Contact at Site (if different from owner)
5. County	6. Phone of Operator or Contact (if different from owner)
7. Owner	8. Telephone of Owner
9. Type of Ownership <input type="checkbox"/> Corporation <input type="checkbox"/> Sole Owner <input type="checkbox"/> Partnership <input type="checkbox"/> Government <input type="checkbox"/> Other (Please specify) _____	10. Mailing address of Owner
11. Send all correspondence regarding this permit application to : Company Name _____ Address _____ _____ c/o _____	12. The authorized contact person regarding this permit application is: Name _____ Phone _____ Email _____

Technical Information- Storage Tanks

18. This section applies to gasoline storage tanks and **does not apply to diesel and used oil tanks.**

Please provide the following information for each Storage Tank.

Tank No.					
Fuel Type (e.g. unleaded)					
Is the tank methanol compatible?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Capacity					
Date of installation					
Is the tank above or underground?					
Is the tank a split tank	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
How many vent pipes or valves does the storage tank have?					

Technical Information- Fill Pipes

19. Will your facility dispense more than 10,000 gallons of gasoline per month or 120,000 gallons of gasoline in a rolling twelve month period? Yes No

Please provide the following information about the fill pipes for each storage tank. Gasoline storage tanks that have a capacity of greater than 250 gallons are required to have a submerged fill pipe. A submerged fill pipe means that the end of the fill pipe must be totally covered by liquid when there is no more than 6 inches of gasoline in the tank (if the tank was installed after November 9, 2006) or 12 inches (if the tank was installed prior to November 9, 2006).

Tank No.					
Is/are the fill pipe(s) submerged?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
How many fill pipes are on the tank?					
If there is more than 1 fill pipe, is there a 2-point system with a properly installed vapor return pipe to each fill pipe?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
If the answer to the above question is no, will you prevent delivery to both pipes at the same time by locking the additional pipes shut or are all fill pipes in use part of a 2-point vapor recovery system?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
If there is more than 1 fill pipe on a storage tank, will an additional vapor return hose from the delivery vessel be attached to the vapor return line associated with the second fill pipe before delivery is made to both pipes at the same time? <input type="checkbox"/> Yes <input type="checkbox"/> No					
External fittings of each fill pipe assembly should be inspected each week (or at the time of delivery if deliveries are less than weekly) to assure that the cap, gasket and piping are intact and not loose. Will you inspect and record the findings of this inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No					



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**GENERAL AIR QUALITY PERMIT
 APPROVAL TO CONSTRUCT AND OPERATE
 Gasoline Dispensing Facilities**

QUALIFICATIONS, INSTRUCTIONS, TERMS & CONDITIONS

General Terms & Conditions

1. The Permittee shall abide by all representations, statements of intent and agreements contained in the terms and conditions outlined in this permit.
2. The permittee shall take all reasonable precautions to prevent and or minimize fugitive emissions.
3. Issuance of this permit does not relieve the Permittee, the owner, and/or operator of the responsibility to comply fully with all other applicable Federal and Tribal rules, regulations, and orders now or hereafter in effect.
4. Noncompliance with any permit term or condition is a violation of the permit and may constitute a violation of the Act and is grounds for enforcement action and for permit termination or revocation.
5. It is not a defense, for the Permittee, in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
6. *Permit Effective Date:* This permit is effective thirty (30) days after receipt of the permit, unless an appeal is made to the Environmental Appeals Board, in writing, that this individual source is not eligible to receive a general permit. Such notice should be made within thirty days of receipt of the permit, and should include the reason or reasons for the appeal. If an appeal is made, coverage of the individual source under the general permit will be stayed.
7. *Invalidation of Permit:* This permit becomes invalid if construction is not commenced within 18 months after the effective date of the permit, construction is discontinued for 18 months or more, or construction is not completed within a reasonable time. The Reviewing Authority may extend the 18-month period upon a satisfactory showing that an extension is justified.
8. *Notification of Start-up:* The Permittee shall submit a notification of the anticipated date of initial start-up of the new or modified Source to EPA not more than 60 days prior to such date or less than 15 days prior to such date. The permittee shall submit a notification of the actual date of initial start-up within 15 days after such date.
9. *Notification of Change to Construction Plans:* The Reviewing Authority shall be notified ten (10) days in advance of any significant deviation from the permit application as well as deviations from any plans furnished with permit application, specifications or supporting data furnished. The issuance of this permit may be suspended or revoked if the Reviewing Authority determines that a significant deviation from the permit application, specifications, and supporting data furnished has been or is to be made. If the proposed source is constructed, operated, or modified not in accordance with the terms of this permit, the Permittee will be subject to appropriate enforcement action.
10. *Permit Transfers:* The Reviewing Authority shall be notified if the company is sold or changes its name. Permittee must ensure that the permitted source will remain in compliance with permitted conditions during any such transfer of ownership.
11. The Permittee shall send all required notifications and reports to:

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Gasoline Dispensing Facilities Specific Terms & Conditions**1. Limitations on Throughput**

The annual throughput at this gasoline dispensing facility shall not exceed more than X gallons per consecutive twelve month period.

2. Emission Control Requirements

- a. If your facility has a monthly flow under 10,000 gallons, you must: minimize spills, and if there is a spill, clean it up as quickly as possible; cover gasoline containers & storage tank riser pipes (i.e. probe cap) with gasketed seal; and minimize gasoline sent to open collection systems.
- b. Facilities with a monthly flow at or above 10,000 gallons must meet all of the requirements in 2.a, and also: load all storage tanks at or above 250 gallons capacity using submerged fill (drop tubes).
- c. Facilities with a monthly flow at or above 100,000 gallons must meet all of the requirements in 2.a and 2.b, and also: operate vapor balance (or stage 1 vapor recovery) system during storage tank loadings; test the system periodically to make sure it works correctly, and includes specific equipment and work practices, or meets 95% control.

3. Monitoring, Recordkeeping, Reporting

- a. The facility owner or operator must, at all times, including periods of startup, shutdown, and malfunction, operate and maintain the GDF, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions.
- b. The facility owner or operator shall provide proof of throughput upon request of **[Reviewing Authority]**.
- c. Yearly throughput shall be a 365-day rolling total, calculated by summing the volume of gasoline loaded into, or dispensed from, all gasoline storage tanks at each GDF during the current day, plus the total volume of gasoline loaded into, or dispensed from, all gasoline storage tanks at each GDF during the previous 364 days. Monthly throughput shall be calculated using the yearly throughput and dividing that sum by 12.
- d. The facility owner or operator shall annually inspect the vapor control recovery system(s), all pumps compressors, pipes, hoses mechanical seals or other equipment storing, handling, conveying or controlling VOCs. The inspections shall be used to determine whether all equipment is in good working order according to good modern practices and any available manufacturer's recommendations.
- e. You shall provide proof of throughput upon request of the **[Reviewing Authority]**.
- f. Recordkeeping to document throughput must begin upon startup for a new or reconstructed source and should date back to [DATE] for existing sources. These records shall be kept for a period of five (5) years. The facility owner or operator shall record the results of inspections in a log showing the following information:
 - 1.) Identification of the device inspected;
 - 2.) The date of the inspection;
 - 3.) The results of the inspection; and
 - 4.) Any corrective action taken as a result of the inspection.
- a. The facility owner or operator is required keep records of the total amount of material throughput at the facility each month in addition to calculating and recording monthly the rolling twelve month total or the last complete month plus the previous 11 months by the end of the following month.
- b. The facility owner or operator shall keep records documenting: (i) how spills are minimized; (ii) submerged fill tubes are used; (iii) Stage 1 vapor recovery is used and that the system has been tested to meet 95% control, including work practices.
- c. The facility owner or operator shall maintain records documenting: (i) how the source is operated to minimize emissions; (ii) daily throughput numbers to calculate the 365-day rolling total; (iii) repairs, replacements and modifications to Stage 2 vapor recovery system; (iv) weekly spill containment receptacle and weekly inspection and cleanings.
- d. The facility owner or operator shall maintain records of emissions, solvent purchase orders, and any compliance demonstrations required by this permit.
- e. The facility owner or operator shall keep records of all tests performed including details of the conditions under which the tests were performed. The test records shall be kept for a period of five (5) years and shall be made available for inspection by the Control Officer during the course of a site visit or inspection.
- f. All other records required by this permit shall be maintained for a minimum of five (5) years including all records that may be necessary to demonstrate compliance.
- g. The facility owner or operator is required to submit an annual monitoring report and emission report to **[Reviewing Authority]**.
- h. When requested by the **[Reviewing Authority]**, the facility owner or operator shall complete and submit an annual emissions inventory questionnaire. The questionnaire is due 90 days after the Control Officer makes a written request and shall include emission information for the previous calendar year. The questionnaire shall be on a form provided by, or approved by, the **[Reviewing Authority]**.



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**GENERAL AIR QUALITY PERMIT QUESTIONNAIRE
APPROVAL TO CONSTRUCT AND OPERATE
Hot Mix Asphalt Plants**

DOES THIS GENERAL PERMIT APPLICATION APPLY TO MY FACILITY?

The following questionnaire is intended to help you, the source owner or operator, determine whether or not you are eligible to apply for a with the General Air Quality Permit Application for Hot Mix Asphalt Plants. This Hot Mix Asphalt Plants general permit questionnaire is for sources located, or planning to locate, within **[geographic location]**. This questionnaire is valid for Batch or Drum Mix Hot Asphalt Plants.

The questions will focus on general information pertaining to your existing or future Hot Mix Asphalt Plant. The questionnaire is not meant to be exhaustive and only requires general estimates of plant information, including: process rates, fuel use, raw material use, and emissions. This questionnaire is not necessary for the General Air Quality Permit Application and is strictly intended to assist you in evaluating your facility's eligibility for a general permit. This questionnaire seeks to save you valuable time in determining eligibility, as well as the [Reviewing Authority], by informing you of the need, or lack of need, for an Air Quality Permit.

You may wish to continue with this General Air Quality Permit Questionnaire if:

- You currently own or operate a Batch or Drum Hot Mix Asphalt Plant that you plan on modifying or if you plan on constructing a new Batch or Drum Hot Mix Asphalt Plant;
- Your source is, or will be, a portable or stationary plant that produces hot mix asphalt;
- Your source is, or will be, located within Tribal lands or territory;
- You do not have any other activities at this site requiring an air quality permit;
- Your source generates 90 percent or more of its air emissions from the production of hot mix asphalt;
- You are unsure of your applicability for the General Air Quality Permit program and wish to discern whether or not you should apply for a General Air Quality Permit for a Hot Mix Asphalt Plant.

If any you have any questions about this questionnaire, the application, or the general air quality permitting process, please feel free to contact [Reviewing Authority]

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Sources that have a maximum capacity that exceeds any of these limitations would most likely need to apply for a source specific permit. If you answered 'Yes' to any of these questions, your source will likely not be able to qualify for coverage under the General Air Quality Permit. Contact your [Reviewing Authority] if you believe that your source will need a source specific permit.

What other Requirements does the General Air Quality Permit have?

General Air Quality Permits have certain limitations and requirements that must be met in order to qualify for coverage. Capacity limitations are just some of these requirements. There are many other requirements that affect all aspects of existing or future Hot Mix Asphalt Plants.

Below are several general questions that are intended to advise you of the basic requirements of the General Air Quality Permit. If you answer 'Yes' to all of these questions, then your facility as designed should meet the General Air Quality Permit terms and conditions. If you answered 'No' to any of these questions, then you will likely have to alter your facility design to meet the requirements of the General Air Quality Permit terms and conditions.

1. Will your source utilize baghouses or other dust control methods throughout the plant?
 Yes No
2. Will your source have a minimum stack height of 25 feet above ground with unobstructed exhaust points?
 Yes No
3. Will your source's internal combustion units have unobstructed exhaust points that are at least 12 feet above ground level?
 Yes No
4. Will your source keep particulate matter emissions below 0.04 grains per dry standard cubic feet (DSCF)?
 Yes No
5. Will your source keep the visible emissions below 20%?
 Yes No

If, after completing this questionnaire you believe that your facility might qualify for a General Air Quality Permit, or if you have questions about applicability of either the General Permit or a source specific permit, please contact [Reviewing Authority] about obtaining a permit application.

Completion of this questionnaire is not necessary for the general permit application and may be discarded at any time. This questionnaire is only intended to give you, the source owner, a basic understanding of the General Air Quality Permit program. This questionnaire does not cover all of the requirements in the General Air Quality Permit and does not guarantee approval of a preconstruction permit.



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**GENERAL AIR QUALITY PERMIT APPLICATION
 FOR NEW OR MODIFIED MINOR
 HOT MIX ASPHALT PLANTS**

QUALIFICATIONS, INSTRUCTIONS, TERMS & CONDITIONS

This General Air Quality Permit application applies to the construction of new Hot Mix Asphalt Facilities or the modification of existing Hot Mix Asphalt Facilities that are minor sources (as defined below). This application is intended for either Batch or Drum Mix Hot Asphalt Plants. Hot Mix Asphalt Plants that are projected to combust more than 10,000 gallons of fuel over a continuous 12 month period may apply for the Hot Mix Asphalt general permit by completing this general air quality permit application. All sources whose potential to emit exceeds 250,000 tons per year for Batch Hot Mix Asphalt or 650,000 tons per year for Drum Hot Mix Asphalt are considered major sources and are not eligible for coverage under this General Air Quality Permit but should instead apply for individual source permits in order to receive approval to construct and operate.

This Hot Mix Asphalt Plants general air quality permit application is intended for [geographic location]. This permit application seeks to collect information regarding your facility, including information pertaining to: equipment, operating hours, fuel use, raw material use, process rates, and emissions.

You qualify to apply for coverage under this general permit if you meet all of the following criteria:

- You currently own or operate, or plan to construct or modify a Batch or Drum Hot Mix Asphalt Plant;
- Your facility is a portable or stationary plant that produces hot mix asphalt;
- Your facility is, or will be located, within Indian country;
- You do not have any other activities at this site requiring an air quality permit;
- Your facility generates 90 percent or more of its air emissions from the production of hot mix asphalt; and
- You have completed the qualification questionnaire on [Fill in page numbers] of this application and believe that your facility will be eligible for the General Air Quality Permit program;

INSTRUCTIONS

Step 1. Complete the permit application. *All sections of this permit must be completed.* If you have questions, please contact [who, at phone].

Step 2. You may not commence construction until you receive notification of the final decision on your application for coverage under this general permit.¹

Step 3. [Reviewing Authority] will act on your permit application as expeditiously as possible and will notify you if more information is needed in writing within 45 days from receipt of your application. Upon deeming the application complete, the [Reviewing Authority] will follow the public notice procedures outlines in 40 CFR 49.157 and upon further evaluation your permit application will be granted or denied no later than 180 days after the date the application is deemed complete and all additional information necessary to make an informed decision has been provided by you.

Step 4. If the source application meets all requirements, [Reviewing Authorities] will issue a final permit within 180 days of deeming the application complete and receiving all additional information necessary to make an informed decision has been provided. Otherwise, a letter denying the permit and the reasons for the denial will be sent to you. Such a letter is a final permit action for purposes of judicial review only for the issue of whether your source qualifies for this general permit.

Step 5. If your permit application has been approved, the permit must be posted on the facility premises. You must comply with all conditions and terms of the permit. You will be subject to enforcement action for failure to obtain a preconstruction permit if you construct the emissions unit(s) or source with general permit approval and your source is later determined not to qualify for the conditions and terms of the general permit

¹ When acting as the reviewing authority, a Tribal government can establish and collect fees for permit applications under its own authority through delegation or by developing a Tribal Implementation Plan.

Description of Business or Process

14. This application is for:

New Hot Mix Asphalt Facility

Modified, Existing Hot Mix Asphalt Facility (please describe the modification) _____

15. What is the average material throughput? (in tons)

For my existing facility, the current average material throughput is: Monthly _____ Annually _____

For my new facility, the projected average material throughput is: Monthly _____ Annually _____

16. Plantwide Hourly Capacity Limitations

Please indicate whether the plant will be a Batch or Drum Hot Mix Asphalt Plant.

Batch Mix Drum Mix

Please fill out the following questions about plantwide capacity

	New plant	Modifications at an existing plant		
Hourly Throughput (tons)				
Annual Throughput (tons)				
Hourly Fuel Usage (g)				
Annual Fuel Usage (g)				
	(Total)	(Current)	(Modification Only)	(Total)

17. Recordkeeping Requirements for the Permit

Do you, as the facility owner or operator, agree to submit an annual compliance certification/monitoring report and emission report (as described below) to [Reviewing Authority]?

Yes No

- a. You are required to keep records of the total amount of asphalt produced at the facility each month.
 - I understand and agree to keep these records
- b. You are required to calculate and record monthly the rolling twelve month total of hot mix asphalt production or the last complete month plus the previous 11 months by the end of the following month.
 - I understand and agree to keep these records
- c. You are required to keep records of required monitoring information through a continuous emission monitoring system (CEMS), predictive emissions monitoring systems (PEMS), continuous parameter monitoring systems (CPMS), periodic manual logging of monitor readings, equipment inspections, mass balances, periodic performance tests, and/or emission factors.
 - I understand and agree to keep these records
- d. Your records of required monitoring information must include all calculations using emissions factors, all stack tests or sampling information including date and time of test or sampling, the name of the company or entity that performed the analyses, the analytical techniques or methods used, the results of such analyses and the operating conditions existing at the time of sampling or measurement.
- e. You are required to retain all permitting records for five years and make them available to the appropriate reviewing authority officer for inspection upon request.
 - I understand and agree to keep these records

Asphalt Storage Tanks							
ID #	Make/Model	Serial Number	Volume (gallons per year)	Vapor Pressure (mm Hg)	Tank Heated		Controls
					Yes	No	
					<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
<i>Total:</i>							

Stockpiles			Controls				
ID #	Active	Inactive	Tons of Material Transferred (annually)	Covered		Moisture Content	Other Controls (Please specify and include efficiency)
	(check both if applicable)			Yes	No		
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
<i>Total Stockpile Area:</i>							

Material Transfer Points/Conveyors							
From (ID #)	To (ID #)	Process Rate (All materials)				Controls	
		Conveyor Distance	Tph	Annual hours of operation	tpy (tph x annual hours)	Technology Used	Efficiency
Use equipment ID #'s from above							
<i>Totals:</i>							

Hot Mix Asphalt Load-Out Points				
Description of Load-Out Point (e.g., follows which equipment ID #)	Description of Equipment HMA Transferred to (e.g., vehicle, storage bin, etc)	Silo Filling	HMA Temperature at Load-Out (°F)	Annual Amount of HMA Loaded (in tons)
		<input type="checkbox"/> Yes		
		<input type="checkbox"/> Yes		
		<input type="checkbox"/> Yes		
		<input type="checkbox"/> Yes		

Roads						
(Fill out the Following per Truck)	Average Speed Traveled (mph)	Hours of use per Day	Annual Miles (mph/hours/days)	Number of Trucks in Use (daily)	Controls	Surface Moisture Content of Roads (if unknown, enter 1.5%)
Paved Roads						
Unpaved Roads (Industrial)						
Unpaved Roads (Publicly Accessible)						

Other Equipment

ID # <small>(Please use same ID#'s identified above in this permit application)</small>	Process Rate (HMA produced)			Type		Fuel Used			Controls			
	tph	Annual hours of operation	tph x annual hours	<input type="checkbox"/> Patch Mix	<input type="checkbox"/> Drum Mix	Natural Gas	<input type="checkbox"/> Used Oil #2, Diesel	Used oil, fuel oil #6	Wet Scrubber	Venturi Scrubber	Fabric Filter	Efficiency
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Totals:</i>												

Please check all sections of the Hot Mix Asphalt General Permit application to ensure completion before signing.

APPLICANT'S STATEMENT

(To be signed by the applicant)

19. I certify that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Name:

Name:

Date:

(signature)

(printed or typed)



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**GENERAL AIR QUALITY PERMIT
 APPROVAL TO CONSTRUCT AND OPERATE
 Hot Mix Asphalt Plants**

QUALIFICATIONS, INSTRUCTIONS, TERMS, & CONDITIONS

General Terms & Conditions

1. The Permittee shall abide by all representations, statements of intent, and agreements contained in the terms and conditions outlined in this permit.
2. All reasonable precautions shall be taken to prevent and or minimize fugitive emissions.
3. Issuance of this permit does not relieve the permittee, the owner, and/or operator of the responsibility to comply fully with all other applicable Federal and Tribal rules, regulations, and orders now or hereafter in effect.
4. Noncompliance with any permit term or condition is a violation of the permit and may constitute a violation of the Clean Air Act and is grounds for enforcement action and for permit termination or revocation.
5. The Permittee cannot use as a defense (against an enforcement action) that halting or reducing the permitted activity would have been necessary to maintain compliance with the conditions of this permit.
6. *Permit Effective Date:* This permit is effective thirty (30) days after receipt of the permit, unless an appeal is made to the Environmental Appeals Board, in writing, that this individual source is not eligible to receive a general permit. Such notice must be made within thirty days of receipt of the permit and include the reason or reasons for the appeal. If an appeal is made, coverage of the individual source under this general permit will be stayed.
7. *Invalidation of Permit:* This permit becomes invalid if construction is not commenced within 18 months after the effective date of the permit, construction is discontinued for 18 months or more, or construction is not completed within a reasonable time. The permitting authority may extend the 18-month period upon a satisfactory showing that an extension is justified.
8. *Notification of Start-up:* The Permittee shall submit a notification of the anticipated date of initial start-up of the new or modified emission unit to EPA not more than 60 days prior to such date or less than 15 days prior to such date. A notification of the actual date of initial start-up shall be submitted within 15 days after such date.
9. *Notification of Change to Construction Plans:* The permitting authority shall be notified ten (10) days in advance of any significant deviation from the permit application as well as deviations from any plans furnished with permit application, specifications, or supporting data furnished. The issuance of this permit may be suspended or revoked if the permitting authority determines that a significant deviation from the permit application, specifications, and supporting data furnished has been or is to be made. If the proposed source is constructed, operated, or modified not in accordance with the terms of this permit, the Permittee will be subject to appropriate enforcement action.
10. *Permit Transfers:* The permitting authority shall be notified if the company is sold or changes its name. Permittee must ensure that the permitted source will remain in compliance with permitted conditions during any such transfer of ownership.
11. The Permittee shall send all required notifications and reports to:

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Hot Mix Asphalt Facilities Specific Terms & Conditions**1. Limitations on Production**

- a. The facility's production of hot mix asphalt shall not exceed 250,000 tons if the facility operates as a batch mix asphalt plant or 500,000 tons if the facility operates as a drum mix asphalt plant for any twelve consecutive month period.
- b. All facilities operating as batch mix asphalt plants, or using used oil or fuel oil #6 for the production of asphalt, may not produce an amount in excess of 40,000 tons of asphalt in any consecutive 30-day period. All facilities operating as drum mix asphalt plants may not produce an amount in excess of 80,000 tons of asphalt in any consecutive 30-day period.
- c. The facility's maximum hourly capacity shall not exceed 700 tons.
- d. Facilities must use appropriate control technology during the production of hot mix asphalt on all dryers, hot screens, mixers, or any other equipment used to produce hot mix asphalt. Facilities that are considered to utilize appropriate control technology would install and operate fabric filters.

2. Limitations on Fuel Usage

- a. The facility shall never use any fuel other than natural gas, fuel oil # 2, diesel, used oil, or fuel oil # 6 in any equipment used to make hot mix asphalt, including: mixers, dryers, hot bins, or any internal combustion engines.
- b. The sulfur content of liquid fuels used shall never exceed 15 parts per million (ppm).
- c. The flashpoint of all waste oil fuel used at the facility must be greater than 100 degrees Fahrenheit.
- d. Any facility using waste oil for the production of hot mix asphalt shall be required to never exceed 400,000 gallons of fuel in any consecutive twelve month period.

3. Limitations on Material Transference

- a. The facility's storage piles must have a minimum moisture content of 0.5%. If the wind speed is above 10 miles per hour (mph) on any day, the facility must maintain a minimum moisture content of 1.0%. The facility is required to stop material transference for all days with a wind speed above 20 miles per hour.
- b. Any single conveyor used for transferring material may not do so at a rate that exceeds 250 tons. Materials transferred on conveyors must also maintain a minimum moisture content of 1.0%.
- c. All load-out and silo filling operations performed at the facility must be performed with a temperature never to exceed the maximum temperature for the asphalt binder provided in the Best Management Practices to Minimize Emissions During HMA Construction (<http://store.hotmix.org/index.php?productID=142>).
- d. Facilities must cover or secure all materials likely to become airborne during all transference processes.

4. Limitations for On-Site Roads

- a. All vehicular travel on unpaved on-site roads shall not exceed 2,500 miles in any consecutive twelve month time period.
- b. All unpaved on-site roads must be maintained and achieve a moisture content of 0.5% or greater. If the average speed travelled on unpaved on-site roads exceeds 20 mph, a moisture content of 1.0% or greater is required.
- c. All paved on-site roads must be maintained and not produce emissions from dust that are visible at a distance of ten feet from the road.

5. Limitations on Soil Remediation

- a. No person may use any procedure to remediate soil or water contaminated with organic compounds without first notifying the [reviewing authority].
- b. Any remediation project for petroleum liquid spills must begin within 48 hours of the spill and the [reviewing authority] must be notified as soon as possible and within a period of no more than one business day following the spill.
- c. The permittee may remediate any soil or aggregate which has been contaminated by an on-site spill.
- d. The soil to be decontaminated shall be tested prior to soil remediation.
- e. Analytical testing for on-site spills may be required.

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**GENERAL AIR QUALITY PERMIT QUESTIONNAIRE
FOR NEW OR MODIFIED
Rock Crushing & Screening Facilities**

DOES THIS GENERAL PERMIT APPLICATION APPLY TO MY FACILITY?

The following questionnaire is intended to help you, the source owner or operator, determine whether or not you are eligible for the General Air Quality Permit for Rock Crushing & Screening Facilities. This Rock Crushing & Screening Facilities general permit questionnaire is for sources located, or planning to locate, within [**geographic location**].

The questions will focus on general information pertaining to your existing or future Rock Crushing & Screening Facilities. The questionnaire is not meant to be exhaustive and only requires general estimates of plant information, including: process rates, fuel use, raw material use, and emissions. This questionnaire is not necessary for the General Air Quality Permit Application and is strictly intended to assist you in evaluating your source's eligibility for a general permit. This questionnaire seeks to save you valuable time in determining eligibility, as well as the [Reviewing Authority], by informing you of the need, or lack of need, for an Air Quality Permit.

You may wish to continue with this General Air Quality Permit Questionnaire if:

- You currently own or operate a Rock Crushing & Screening Facility that you plan on modifying or if you plan on constructing a new Rock Crushing & Screening Facility;
- Your source is, or will be located, within Tribal lands or territory;
- You do not have any other activities at this site requiring an air quality permit;
- Your source generates 90 percent or more of its air emissions from rock crushing and screening;
- You are unsure of your applicability for the General Air Quality Permit program and wish to discern whether or not you should apply for a General Air Quality Permit for a Rock Crushing & Screening Facility.

If you have any questions about this questionnaire, the application, or the general air quality permitting process, please feel free to contact [[Reviewing Authority](#)]

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Sources that have a maximum capacity that exceeds any of these limitations would most likely need to apply for a source specific permit. If you answer 'Yes' to any of these questions, your source will likely not be able to qualify for coverage under the General Air Quality Permit. Contact [Reviewing Authority] if you believe your source will need a source specific permit.

What other Requirements does the General Air Quality Permit have?

General Air Quality Permits have certain limitations and requirements that must be met in order to qualify for coverage. Capacity limitations are just some of these requirements. There are many other requirements that affect all aspects of existing or future Rock Crushing & Screening Facilities.

Below are several general questions that are intended advise you of the basic requirements of the General Air Quality Permit. If you answer 'Yes' to all of these questions, then your facility as designed should meet the General Air Quality Permit terms and conditions. If you answered 'No' to any of these questions, then you will likely have to alter your facility design to meet the requirements of the General Air Quality Permit terms and conditions.

1. Will your source utilize baghouses, wet suppression control technology, enclosed transfer points, or other dust control methods throughout the plant?
 Yes No
2. Will your source have a Fugitive Dust Control Plan for Haul Roads?
 Yes No
3. Will your source keep particulate matter emissions below 0.04 grains per dry standard cubic feet (DSCF)?
 Yes No
4. Will your source keep the visible fugitive emissions at 15% and visible stack emissions at 10%?
 Yes No
5. Will the stockpiles at your source be located to reduce exposure to wind?
 Yes No

If, after completing this questionnaire you believe that your facility might qualify for a General Air Quality Permittor if you have questions about applicability of either the General Permit or a source specific permit, please contact [Reviewing Authority] about obtaining a permit application.

Completion of this questionnaire is not necessary for the general permit application and may be discarded at any time. This questionnaire is only intended to give you, the source owner, a basic understanding of the General Air Quality Permit program. This questionnaire does not cover all of the requirements in the General Air Quality Permit and does not guarantee approval of a preconstruction permit.



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**GENERAL AIR QUALITY PERMIT APPLICATION
FOR NEW OR MODIFIED MINOR
ROCK CRUSHING AND SCREENING FACILITIES**

QUALIFICATIONS, INSTRUCTIONS, TERMS & CONDITIONS

This General Permit application applies to the construction of new Rock Crushing and Screening Facilities or the modification of existing Rock Crushing and Screening Facilities that are minor sources (as defined below). This permit application is for facilities that process non-metallic materials, i.e., rock or stone. This permit is not applicable to facilities that process metallic materials, radioactive materials, or materials intended to be used as fuel. Rock Crushing and Screening Facilities that are projected to process an annual material throughput greater than 5,000 tons or that are projected to have active stockpiles exceeding a total of 1 acre or more or inactive stockpiles exceeding a total of 5 acres or more are considered major sources and are not eligible for coverage under this General Air Quality Permit but should instead apply for individual source permits in order to receive approval to construct and operate.

All Rock Crushing and Screening Facilities whose capacity exceeds or will exceed 250,000 tons of processed material throughput annually will not be eligible for coverage under the General Air Quality Permit. Additionally, facilities unable to meet a plantwide 80% control efficiency or greater will not be eligible for this General Air Quality Permit. All such facilities will need to apply for individual source permits in order to receive approval to construct and operate.

You qualify to apply for coverage under this general permit if you meet all of the following criteria:

- You currently own or operate or plan to construct or modify a Rock Crushing and Screening Facility;
- Your facility utilizes some combination of primary, secondary, tertiary, or fines crushers or screeners;
- You do not have any other activities at this site requiring an air quality permit;
- Your facility generates 90 percent or more of its air emissions from the process of crushing or screening rock or stone; You complete all pages of this application in its entirety and return a copy to [Reviewing Authority].

14. Description of Business or Process

5. Owner--*	6. Telephone of Owner	
7. Operator or Contact at Site (if different from owner)	8. Phone of Operator or Contact (if different from owner)	
9. Type of Ownership <input type="checkbox"/> Corporation <input type="checkbox"/> Sole Owner <input type="checkbox"/> Other (Please Specify) <input type="checkbox"/> Partnership <input type="checkbox"/> Government	10. UTM Coordinates or Latitude and Longitude of Facility	
11. Send all correspondence, regarding this permit application to : Company Name _____ Address _____ _____ c/o _____	12. The authorized contact person regarding this permit application is: Name _____ (ph) _____ Email _____	
Applicant Name (Please Print) _____	Signature of Applicant _____	Date _____

16. Technical Information—Facility Equipment

The following section is necessary for the [Reviewing Authority]'s records in order to identify all equipment at the site to be covered by the General Permit. Please list all equipment at the site owned, leased or operated by the applicant as well as the maximum rated capacity in tons per hour (tph). Additional pages may be printed off and added after this page if needed to list all equipment.

ID #	Type					Maximum Rated Capacity (tph or btu for internal combustion engines)	Make/Model	Serial #	Date of Manufacture
	Crusher	Screeners	Internal Combustion Engines	Other Exhaust Unit	Other (please Specify)				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					

In the column labeled **ID #** please give unique identifiers to all equipment at the site. You may use an existing facility numbering system or emissions inventory ID #. This unique identifier will differentiate between the different emission units at the facility.

In subsequent sections of this permit application, please use the same ID #'s already provided to the equipment listed here.

It is recommended—but not required—that you include an identifying letter specific to the equipment type, e.g. C for crusher, followed by an identifying number of your choice.

Bulldozing, Scraping, and Grading

(Please fill out the following for combined total operations of bulldozing, scraping, and grading)

Hours of Operation (Daily)	Hours of Operation (Annually)	Average Moisture Content of Material (%)	Average Silt Content of Material (%)	Control Technology
				<input type="checkbox"/> Uses windscreens or enclosures

Blasting

Explosive Material Used	Material Used Annually (in tons)	Total material shifted annually (in tons)	Blasthole Wet Drilling	Blasting
<input type="checkbox"/> Dynamite, straight <input type="checkbox"/> Black Powder <input type="checkbox"/> TNT <input type="checkbox"/> Dynamite, ammonia <input type="checkbox"/> Smokeless Powder <input type="checkbox"/> RDX <input type="checkbox"/> Dynamite, gelatin <input type="checkbox"/> ANFO <input type="checkbox"/> PETN				

Crushing

ID # <small>Please use same ID #'s identified above in this permit application</small>	Process Rate			Type				Controls		
	Tph	Annual hours of operation	Tpy (tph x annual hours)	Primary	Secondary	Tertiary	Fines	Moisture Content (Percentage)	Other Controls Used (Please specify)	Efficiency
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<i>Totals:</i>										

Screening

ID # <small>Please use same ID #'s identified above in this permit application</small>	Process Rate			Type		Controls		
	Tph	Annual hours of operation	Tpy (tph x annual hours)	Regular Screening	Fines Screening	Moisture Content (Percentage)	Other Controls Used (Please specify)	Efficiency
				<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>			
<i>Totals:</i>								

Please check all sections of the Rock Crushing and Screening Facilities General Permit application to ensure completion before signing.

APPLICANT'S STATEMENT

(To be signed by the applicant)

17. I certify that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Name:

(signature)

Name:

(printed or typed)

Date:



United States Environmental Protection Agency
 Program
 Address
 Phone
 Fax
 Web address

Reviewing Authority
 Program
 Address
 Phone
 Fax
 Web address

**GENERAL AIR QUALITY PERMIT
 APPROVAL TO CONSTRUCT AND OPERATE
 Rock Crushing & Screening Facilities**

QUALIFICATIONS, INSTRUCTIONS, TERMS & CONDITIONS

General Terms & Conditions

1. The Permittee shall abide by all representations, statements of intent and agreements contained in the terms and conditions outlined in this permit.
2. The Permittee shall take all reasonable precautions to prevent and or minimize fugitive emissions.
3. Issuance of this permit does not relieve the permittee, the owner, and/or operator of the responsibility to comply fully with all other applicable Federal and Tribal rules, regulations, and orders now or hereafter in effect.
4. Noncompliance with any permit term or condition is a violation of the permit and may constitute a violation of the Act and is grounds for enforcement action and for permit termination or revocation.
5. It is not a defense, for the Permittee, in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
6. *Permit Effective Date:* This permit is effective thirty (30) days after receipt of the permit, unless an appeal is made to the Environmental Appeals Board, in writing, that this individual source is not eligible to receive a general permit. Such notice should be made within thirty days of receipt of the permit, and should include the reason or reasons for the appeal. If an appeal is made, coverage of the individual source under the general permit will be stayed.
7. *Invalidation of Permit:* This permit becomes invalid if construction is not commenced within 18 months after the effective date of the permit, construction is discontinued for 18 months or more, or construction is not completed within a reasonable time. The permitting authority may extend the 18-month period upon a satisfactory showing that an extension is justified.
8. *Notification of Start-up:* The Permittee shall submit a notification of the anticipated date of initial start-up of the new or modified Source to EPA not more than 60 days prior to such date or less than 15 days prior to such date. The permittee shall submit notification of the actual date of initial start-up within 15 days after such date.
9. *Notification of Change to Construction Plans:* The permitting authority shall be notified ten (10) days in advance of any significant deviation from the permit application as well as deviations from any plans furnished with permit application, specifications or supporting data furnished. The issuance of this permit may be suspended or revoked if the permitting authority determines that a significant deviation from the permit application, specifications, and supporting data furnished has been or is to be made. If the proposed source is constructed, operated, or modified not in accordance with the terms of this permit, the Permittee will be subject to appropriate enforcement action.
10. *Permit Transfers:* The permitting authority shall be notified if the company is sold or changes its name. Permittee must ensure that the permitted source will remain in compliance with permitted conditions during any such transfer of ownership.
11. The Permittee shall send all required notifications and reports to:

Reviewing Authority
 Program
 Address

Rock Crushing & Screening Facilities Specific Terms & Conditions*1. Limitations on Production*

- a. The facility's maximum throughput for rock crushing and screening facilities shall not exceed 250,000 tons for any twelve consecutive month period.
- b. All facilities operating under this permit may not process an amount of crushed rock or stone in excess of 40,000 tons in any consecutive 30-day period.
- c. The facility is required to keep records of production rates, annual throughput, and hours of operation. **[Reviewing authority]** must be notified prior to any changes in the daily or annual production rates. The facility owner or operator must wait to make these changes until **[Reviewing Authority]** has approved them.
- d. Facilities must use control technology during the entire rock crushing and screening process. Facilities not demonstrating proper use of control technologies will be prohibited from operating. These control technologies are outlined specifically in the following sections for each separate process.

2. Limitations on Fuel Usage

- a. The facility's fuel usage for all combustion sources including internal combustion engines and other units cannot exceed a combined total of 500,000 gallons or 500,000 MMCF in any consecutive twelve month period.
- b. The facility shall never use any fuel other than natural gas, fuel oil # 2, diesel, propane, or liquid petroleum gas in any equipment used in any part of the process for rock crushing or screening.
- c. The facility's monthly and annual fuel usage may not exceed the amounts listed in the permit application. **[Reviewing authority]** must be notified prior to any changes in fuel usage and the facility must wait to make these changes until **[Reviewing Authority]** has approved them.
- d. The facility must continue to use the fuel indicated for each piece of equipment on the permit application. **[Reviewing Authority]** must be notified prior to any changes in fuel used and the facility must wait to make these changes until **[Reviewing Authority]** has approved them.
- e. The flashpoint of all waste oil fuel used at the facility must be greater than 100 degrees Fahrenheit.

3. Limitations on Material Transference and Handling

- a. Any single conveyor used for transferring material may not do so at a rate that exceeds 250 tons per hour. Materials transferred on conveyors must also maintain a minimum moisture content of 1.0%.
- b. The total amount of material processed through any one material transference point may not exceed 250,000 tons of material in any consecutive 12 month period.
- c. All material transference and handling operations at the facility may not exceed the projected throughput levels specified in the permit application. Any facility wishing to alter these projected throughput levels of number of material handling and transference points must notify **[Reviewing Authority]** prior to these changes and the facility must wait to make these changes until after **[Reviewing Authority]** has approved them.
- d. The facility is required to stop material transference and handling operations whenever opacity from storage piles and conveyor transfer operations exceed an average of 15% for any consecutive three minute period as measured by EPA Method 203A (<http://www.epa.gov/ttn/emc/promgate.html>). The facility has the option of shielding the pile, adding water to the material, or ceasing operation.
- e. Facilities must cover or secure all materials likely to become airborne during all transference processes.
- f. All conveyors used to transfer materials must have, at the minimum, a half cover at all times during production used in conjunction with a mechanism used to control the moisture content of the material.
- g. All control devices used during material transference and handling specified on the permit application must be used during production at all times. Any facility wishing to alter the control technology used during material transference or handling must notify **[Reviewing Authority]** prior to making any changes and the facility must wait to make these changes until after **[Reviewing Authority]** has approved them.

- c. *Limitations on Crushing and Screening Operations*The facility must achieve at least 80% efficiency throughout the crushing and screening processes. The facility must also adhere to all control specifications listed on the permit application. If the facility, for any reason, needs to alter these specifications, they must notify the [Reviewing Authority] prior to any changes and the facility must wait to make these changes until after the [Reviewing Authority] has approved them.
- d. The facility must adhere to the total projected amount of material processed at each crusher or screener specified on the permit application. If the facility wishes to change the amount of material processed by any crusher or screener, they must notify the [Reviewing Authority] prior to these changes and the facility must wait to make these changes until after the [Reviewing Authority] has approved them.

8. *Limitations on Exhaust Units*

- a. The total amount of fuel used for all exhaust units, including internal combustion engines, space heaters, boilers, process heaters, and gas turbines may not exceed 500,000 gallons of liquid fuel or million cubic feet (MMCF) of any gas in any consecutive 12 month period.
- b. The total amount of fuel used for all exhaust units, including internal combustion engines, space heaters, boilers, process heaters, and gas turbines may not exceed 85,000 gallons of liquid fuel or million cubic feet (MMCF) of any gas in any consecutive 30 day period.
- c. All internal combustion engines are required to have maximum hourly capacity that does not exceed 250,000 British thermal units (BTU).
- d. Facilities using stationary internal combustion engines on-site are required to use only gasoline or diesel fuel when powering their internal combustion engines.
- e. Facilities that use exclusively diesel fuel to power their stationary internal combustion engines will be limited to a maximum, combined total operating capacity that is equal to, or below, 1million BTU per hour.
- f. Facilities that use exclusively gasoline fuel to power their stationary internal combustion engines will be limited to a maximum, combined total operating capacity that is equal to, or below, 2.5 million BTU per hour.
- g. Facilities that use a combination of gasoline and diesel fuel to power their internal combustion engines shall be limited to a maximum, combined total operating capacity of all diesel engines of 500,000 BTU per hour or less, and a maximum, combined total operating capacity of all gasoline engines of 1million, or less, BTU per hour.
- h. Facilities shall be required to utilize some method of combustion modifications to limit and control their emissions of criteria pollutants. These control methods are at the discretion of the source owner or operator, but must include a combination of the following combustion modifications: adjusting the injection timing retard, pre-ignition chamber combustion adjustments, air to fuel ratio adjustments, and derating.
- i. The facility is not allowed to operate any exhaust unit other than internal combustion engines, boilers, space heaters, process heaters, or gas turbines.
- j. The facility must adhere to the total projected amount of fuel usage for all exhaust units specified in the permit application. If the facility wishes to change the amount of fuel used by any exhaust unit, they must notify the [Reviewing Authority] prior to these changes and the facility must wait to make these changes until after the [Reviewing Authority] has approved them.

11. *Plantwide Emission Control Requirements*

- a. Facilities are required to utilize control technology throughout the entire production, storage, and transference processes.
- b. The facility is required to stop material transference and handling operations whenever opacity from storage piles and conveyor transfer operations exceed an average of 15% for any consecutive three minute period as measured by EPA Method 203A (<http://www.epa.gov/ttn/emc/promgate.html>). The facility has the option of shielding the pile, adding water to the material, or ceasing operation.
- c. Facilities must use all control devices during the production process. Facilities must maintain, at a minimum, the control efficiencies they specified for these technologies in the permit application. If the facility wishes to change the control technology used, or efficiency, they must notify the [Reviewing Authority] prior to these changes and the facility must wait to make these changes until after the [Reviewing Authority] has approved them.

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TABLE OF MAJOR AND MINOR THRESHOLDS FOR NEW SOURCE REVIEW

Pollutant	Attainment		Nonattainment	
	MAJOR SOURCE (tpy)	MINOR SOURCE (tpy)	MAJOR SOURCE (tpy)	Minor Source (tpy)
Carbon Monoxide (CO)	250 tpy or 100 tpy if source is one of 28 source categories listed in 40 CFR 52.21 (b)(1)	10	100 (moderate) 50 (serious)	5
Nitrogen Oxide (NO _x)		10	100 (marginal/moderate) 50 (serious) 25(severe) 10(extreme)	5
Sulfur Dioxide (SO ₂)		10	100	5
Volatile Organic Compounds (VOC)		5	100 (marginal/moderate) 50 (serious) 25(severe) 10 (extreme)	2
Total Particulate Matter		10	100 (moderate) 70 (serious)	5
Particulate Matter – 10 Microns or less diameter (PM ₁₀)		5	100 (moderate) 70 (serious)	1
Particulate Matter 2.5 Microns or less diameter (PM _{2.5})		3	100 (moderate) 70 (serious)	0.6
Lead (Pb)		0.1	100	0.1
Fluorides		1	Not Applicable	
Sulfuric Acid Mist		2		
Hydrogen Sulfide		2		
Total Reduced Sulfur (including H ₂ S)		2		
Reduced Sulfur Compounds (including H ₂ S)		2		
Municipal Waste Combustor Emissions		2		
Municipal Solid Waste Landfills Emissions	10			

Navajo Nation's Operating Permit Regulations

<http://www.navajonationepa.org/Pdf%20files/NNAQCP-OperatingPermitRegs-Final.pdf>

The original Navajo Operating Permit Program had their Fee Rules drafted for a Navajo Nation Program (basically a Part 70 Operating Permit Program) in Subpart VI of the Navajo Nation Operating Permit Regulations. However, because the Navajo Nation went the route of the Part 71 Delegation after development of the Navajo Nation Operating Permit Regulations, the fees collected under a Part 71 delegated program were captured under a separate Part 71 Program Delegation section (Subpart VII) in the regulations. Subpart VII is the authority to collect the permitting fee's under the delegated program and how the fees are to be handled are still under **Subpart VII**.