

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY
Air Quality Division
1110 West Washington • Phoenix, AZ 85007 • Phone: (602) 771-2338

STANDARD PERMIT APPLICATION FORM
(As required by A.R.S. § 49-426, and Chapter 2, Article 3, Arizona Administrative Code)

1. Permit to be issued to: (Business license name of organization that is to receive permit) _____

2. Mailing Address: _____
City: _____ State: _____ ZIP: _____
3. Previous Company Name: (if applicable) _____
4. Name (or names) of Owners/Principals: _____
Phone: _____ Fax: _____ Email: _____
5. Name of Owner's Agent: _____
Phone: _____ Fax: _____ Email: _____
6. Plant/Site Manager/Contact Person and Title: _____
Phone: _____ Fax: _____ Email: _____
7. Plant Site Name: _____
Plant Site Location/Address: _____
City: _____ County: _____ ZIP: _____
Indian Reservation (if applicable, which one): _____
Latitude/Longitude, Elevation: _____
8. Equipment Purpose: _____
Equipment List/Description: _____

9. Type of Organization:
 Corporation Individual Owner
 Partnership Government Entity (Government Facility Code: _____)
 Other _____
10. Permit Application Basis: New Source Revision Renewal of Existing Permit
(Check all that apply.) Portable Source General Permit
For renewal or modification, include existing permit number (and exp. date): _____
Date of Commencement of Construction or Modification: _____
Is **any** of the equipment to be leased to another individual or entity? Yes No
Standard Industrial Classification Code: _____ State Permit Class: _____
11. Signature of Responsible Official of Organization: _____
Official Title of Signer: _____
12. Typed or Printed Name of Signer: _____
Date: _____ Telephone Number: _____
Company Name: _____

EMISSION SOURCES

Estimated "Potential to Emit" per R18-2-101.
Review of applications and issuance of permits will be expedited by supplying all necessary information on this Table.

REGULATED AIR POLLUTANT DATA					EMISSION POINT DISCHARGE PARAMETERS									
EMISSION POINT [1]		CHEMICAL COMPOSITION OF TOTAL STREAM	AIR POLLUTANT EMISSION RATE		UTM COORDINATES OF EMISSION POINT [5]			STACK SOURCES [6]			NONPOINT			
NUMBER	NAME	REGULATED AIR POLLUTANT NAME [2]	#/HR. [3]	TONS/YEAR [4]	ZONE	EAST (Mtrs)	NORTH (Mtrs)	HEIGHT ABOVE GROUND (feet)	HEIGHT ABOVE STRUC. (feet)	EXIT DATA			SOURCES [7]	
										DIA (ft.)	VEL. (fps)	TEMP. (°F)	LENGTH (ft.)	WIDTH (ft.)

GROUND ELEVATION OF FACILITY ABOVE MEAN SEA LEVEL _____ feet
ADEQ STANDARD CONDITIONS ARE 293K AND 101.3 KILOPASCALS (A.A.C. R18-2-101)

General Instructions:

- | | | |
|---|--|---|
| <p>1. Identify each emission point with a unique number for this plant site, consistent with emission point identification used on plot plan, previous permits, and Emissions Inventory Questionnaire. Include fugitive emissions. Limit emission point number to eight (8) character spaces. For each emission point use as many lines as necessary to list regulated air pollutant data. Typical emission point names are: heater, vent, boiler, tank, reactor, separator, baghouse, fugitive, etc. Abbreviations are O.K.</p> <p>2. Components to be listed include regulated air pollutants as defined in R18-2-101. Examples of typical component names are: Carbon Monoxide (CO), Nitrogen Oxides (NO_x), Sulfur Dioxide (SO₂), Volatile Organic Compounds (VOC), particulate matter (PM), particulate less than 10 microns (PM₁₀), etc. Abbreviations are O.K.</p> | <p>3. Pounds per hour (#/HR) is maximum potential emission rate expected by applicant.</p> <p>4. Tons per year is annual maximum potential emission expected by applicant, which takes into account process operating schedule.</p> <p>5. As a minimum applicant shall furnish a facility plot plan as described in the filing instructions. UTM coordinates are required only if the source is a major source or is required to perform refined modeling for the purposes of demonstrating compliance with ambient air quality guidelines.</p> <p>6. Supply additional information as follows if appropriate:
(a) Stack exit configuration other than a round vertical stack.</p> | <p>(b) Show length and width for a rectangular stack. Indicate if horizontal discharge with a note.
Stack's height above supporting or adjacent structures if structure is within 3 "stack height above the ground" of stack.</p> <p>7. Dimensions of nonpoint sources as defined in R18-2-101.</p> |
|---|--|---|

EQUIPMENT LIST

The following table should include all equipment utilized at the facility and be completed with all data requested. Be sure to notate the units (tons/hour, horsepower, etc.) when recording the Maximum Rated Capacity information. Be sure to notate the Serial Number and/or the Equipment ID Number. The date of manufacture must be included in order to determine if portions of the facility are NSPS applicable. Make additional copies of this form if necessary.

Type of Equipment	Maximum Rated Capacity	Make	Model	Serial Number	Date of Manufacture	Equipment ID Number

QUESTIONNAIRE FOR INTERNAL COMBUSTION ENGINES (ICES) / GENERATORS SUBJECT TO NEW SOURCE PERFORMANCE STANDARDS (NSPS)

Please complete this questionnaire for each generator / internal combustion engine at the facility with year of manufacture 2006 and later. Make additional copies of this form if necessary.

1. What is the serial number / equipment id number of the generator?

2. What is the date (mm/dd/yy) when the ICE commenced construction / reconstruction?

3. What is the date (mm/dd/yy) when the ICE was ordered or manufactured?

4. Is the engine a fire pump engine?
 Yes No

Please proceed to Question 5.

5. Is the engine an emergency engine?
 Yes No

Please proceed to Question 6.

6. Is the engine a pre-2007 model year engine?
 YES NO If the answer is NO, provide the model year of the engine.

Model year of the engine: _____

Please proceed to Question 7.

7. Is the engine *certified*? "*Certified*" means covered by a valid United States (US) Environmental Protection Agency (EPA) certificate of conformity for an engine family.
 YES NO If the answer is YES, please provide the EPA Tier Certification for the engine.

Please proceed to Question 8.

8. Is the engine equipped with a diesel particulate filter?
 Yes No

Please proceed to Question 9.

9. What kind of fuel is the source firing in the engine?
 Diesel Natural Gas / LPG Gasoline

Please proceed to Question 10.

10. What is the displacement of the engine in liters per cylinder?
 Less than 10 liters per cylinder
 Greater than 10 and less than 30 liters per cylinder
 Greater than or equal to 30 liters per cylinder

COMPLIANCE CERTIFICATION AND CERTIFICATION OF TRUTH, ACCURACY, AND COMPLETENESS

This certification must be signed by the Responsible Official. Applications without a signed certification will be deemed incomplete.

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by ADEQ as public record. I also attest that I am in compliance with the applicable requirements of the Permit and will continue to comply with such requirements and any future requirements that become effective during the life of the Permit. I will present a certification of compliance to ADEQ no less than semiannually and more frequently if specified by ADEQ. I further state that I will assume responsibility for the construction, modification, or operation of the source in accordance with Arizona Administrative Code, Title 18, Chapter 2 and any permit issued thereof.

Typed or Printed Company Name: _____

Official Title of Signer: _____

Typed or Printed Name of Signer: _____

Signature of Responsible Official: _____ Date: _____

APPENDIX 1. STANDARD PERMIT APPLICATION FORM AND FILING INSTRUCTIONS

FILING INSTRUCTIONS

No application shall be considered properly filed until the Director has determined that all information required by this application form and the applicable statutes and regulations has been submitted. The Director may waive certain application requirements for specific source types. For permit revisions, the applicant need only supply information which directly pertains to the revision. The Director shall develop special guidance documents and forms to assist certain sources requiring Class 2 permits in completing the application form and filing instructions. Guidance documents can be requested by contacting the Air Quality Division at the address and phone number given on the "Standard Permit Application Form."

In addition to the information required on the application form, the applicant shall supply the following:

1. Description of the process to be carried out in each unit (include Source Classification Code).
2. Description of product(s).
3. Description of alternate operating scenario, if desired by applicant (include Source Classification Code).
4. Description of alternate operating scenario product(s), if applicable.
5. A flow diagram for all processes.
6. A material balance for all processes (optional, only if emission calculations are based on a material balance).
7. Emissions Related Information:
 - a. The source shall be required to submit the potential emissions of regulated air pollutants as defined in R18-2-101 for all emission sources. Emissions shall be expressed in pounds per hour, tons per year, and such other terms as may be requested. Emissions shall be submitted using the standard "Emission Sources" portion of the "Standard Permit Application Form". Emissions information shall include fugitive emissions in the same manner as stack emissions, regardless of whether the source category in question is included in the list of sources contained in the definition of major source in R18-2-101.
 - b. The source shall be required to identify and describe all points of emissions and to submit additional information related to the emissions of regulated air pollutants sufficient to verify which requirements are applicable to the source and sufficient to collect any permit fees owed under the fee schedule.
8. Citation and description of all applicable requirements as defined in R18-2-101.
9. An explanation of any proposed exemptions from otherwise applicable requirements.
10. The following information to the extent it is needed to determine or regulate emissions:
 - a. Maximum annual process rate for each piece of equipment which generates air emissions.
 - b. Maximum annual process rate for the whole plant.
 - c. Maximum rated hourly process rate for each piece of equipment which generates air emissions.
 - d. Maximum rated hourly process rate for the whole plant.
 - e. For all fuel burning equipment including generators, a description of fuel use, including the type used, the quantity used per year, the maximum and average quantity used per hour, the percent used for process heat, and higher heating value of the fuel. For solid fuels and fuel oils, state the potential sulfur and ash content.
 - f. A description of all raw materials used and the maximum annual and hourly, monthly, or quarterly quantities of each material used.
 - g. Anticipated Operating Schedules
 1. Percent of annual production by season.
 2. Days of the week normally in operation.
 3. Shifts or hours of the day normally in operation.
 4. Number of days per year in operation.
 - h. Limitations on source operations and any work practice standards affecting emissions.
11. A description of all process and control equipment for which permits are required including:
 - a. Name.
 - b. Make (if available).
 - c. Model (if available).
 - d. Serial number (if available).
 - e. Date of manufacture (if available).
 - f. Size/production capacity.
 - g. Type.
12. Stack Information:
 - a. Identification.
 - b. Description.
 - c. Building Dimensions.
 - d. Exit Gas Temperature.
 - e. Exit Gas Velocity.
 - f. Height.
 - g. Inside Dimensions.
13. Site diagram which includes:
 - a. Property boundaries.
 - b. Adjacent streets or roads.
 - c. Directional arrow.
 - d. Elevation.
 - e. Closest distance between equipment and property boundary.
 - f. Equipment layout.
 - g. Relative location of emission sources/points.
 - h. Location of emission points and non-point emission areas.
 - i. Location of air pollution control equipment.
14. Air Pollution Control Information:
 - a. Description of or reference to any applicable test method for determining compliance with each applicable requirement.

- b. Identification, description and location of air pollution control equipment, including spray nozzles and hoods, and compliance monitoring devices or activities.
 - c. The rated and operating efficiency of air pollution control equipment.
 - d. Data necessary to establish required efficiency for air pollution control equipment (e.g. air to cloth ratio for baghouses, pressure drop for scrubbers, and warranty information).
 - e. Evidence that operation of the new or modified pollution control equipment will not violate any ambient air quality standards, or PSD increments.
15. Equipment manufacturer's bulletins and shop drawings may be acceptable where appropriate.
16. Compliance:
- a. A description of the compliance status of the source with respect to all applicable requirements including, but not limited to:
 - i. A demonstration that the source or alteration will comply with the applicable requirements contained in Article 6.
 - ii. A demonstration that the source or alteration will comply with the applicable requirements contained in Article 7.
 - iii. A demonstration that the source or alteration will comply with the applicable requirements contained in Article 8.
 - iv. A demonstration that the source or alteration will comply with the applicable requirements contained in Article 9.
 - v. A demonstration that the source or alteration will comply with the applicable requirements contained in Article 11 and in rules promulgated pursuant to A.R.S. § 49-426.03.
 - vi. A demonstration that the source or alteration will comply with the applicable requirements contained in rules promulgated pursuant to A.R.S. § 49-426.06.
 - b. A compliance schedule as follows:
 - 1. For applicable requirements with which the source is in compliance, a statement that the source will continue to comply with such requirements
 - 2. For applicable requirements that will become effective during the permit term, a statement that the source will meet such requirements on a timely basis. A statement that the source will meet in a timely manner applicable requirements that become effective during the permit term shall satisfy this provision, unless a more detailed schedule is expressly required by the applicable requirement.
 - 3. A schedule of compliance for sources that are not in compliance with all applicable requirements at the time of permit issuance. Such a schedule shall include a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with any applicable requirements for which the source will be in noncompliance at the time of permit issuance. This compliance schedule shall resemble and be at least as stringent as that contained in any judicial consent decree or administrative order to which the source is subject. Any such schedule of compliance shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it is based.
- c. A schedule for submission of certified progress reports no less frequently than every 6 months for sources required to have a schedule of compliance to remedy a violation.
- d. The compliance plan content requirements specified in this paragraph shall apply and be included in the acid rain portion of a compliance plan for an affected source, except as specifically superseded by regulations promulgated under Title IV of the Act with regard to the schedule and method(s) the source will use to achieve compliance with the acid rain emissions limitations.
17. Compliance Certification:
- a. A certification of compliance with all applicable requirements by a responsible official. The certification should include:
 - 1. Identification of the applicable requirements which are the basis of the certification;
 - 2. A statement of methods used for determining compliance, including a description of monitoring, recordkeeping, and reporting requirements and test methods;
 - 3. A schedule for submission of compliance certifications during the permit term to be submitted no less frequently than annually, or more frequently if specified by the underlying applicable requirement or by the permitting authority; and
 - 4. A statement indicating the source's compliance status with any applicable enhanced monitoring and compliance certification requirements.
 - 5. A certification of truth, accuracy, and completeness pursuant to R18-2-304(H).
 - b. Acid Rain Program Compliance Plan: Sources subject to the Federal acid rain regulations shall use nationally-standardized forms for acid rain portions of permit applications and compliance plans, as required by regulations promulgated under Title IV of the Act.
18. A new major source as defined in R18-2-401 or a major modification shall submit all information required in this appendix and information necessary to show compliance with Article 4 including, but not limited to:
- a. For sources located in a Non-Attainment Area:
 - 1. In the case of a new major source as defined in R18-2-401 or a major modification subject to an emission limitation which is LAER (Lowest Achievable Emission Rate) for that source or facility, the application shall contain a determination of LAER that is

consistent with the requirements of the definition of LAER contained in R18-2-101. The demonstration shall contain the data and information relied upon by the applicant in determining the emission limitation that is LAER for the source or facility for which a permit is sought.

2. In the case of a new major source as defined in R18-2-401 or a major modification subject to the certification requirement of R18-2-403(A)(2), the applicant shall submit such certification in a form that lists and describes all existing major sources owned or operated by the applicant and a statement of compliance with all conditions contained in the permits or conditional orders of each of the sources.
3. In the case of a new major source as defined in R18-2-401 or a major modification subject to the offset requirements described in R18-2-403(A)(3), the applicant shall demonstrate the manner in which the new major source or major alteration meets the requirements of R18-2-404.
4. An applicant for a new major source as defined in R18-2-401 or a major alteration for volatile organic compounds or carbon monoxide (or both) which will be located in a nonattainment area for photochemical oxidants or carbon monoxide (or both) shall submit the analysis described in R18-2-403(B).

b. For sources located in an Attainment Area:

1. A demonstration of the manner in which a new major source or major modification which will be located in an attainment area for a pollutant for which the source is classified as a major source as defined in R18-2-401 or the modification is classified as a major modification will meet the requirements of R18-2-406.
2. In the case of a new major source as defined in R18-2-401 or major modification subject to an emission limitation which is BACT (Best Available Control Technology) for that source or facility, the application shall contain a determination of BACT that is consistent with the requirements of the definition of BACT contained in R18-2-101. The demonstration shall contain the data and information relied upon by the applicant in determining the emission limitation that is BACT for the source or facility for which a permit is sought.
3. In the case of a new major source as defined in R18-2-401 or major alteration required to perform and submit an air impact analysis in the form prescribed in R18-2-407, such an analysis shall meet the requirements of R18-2-406. Unless otherwise exempted in writing by the Director, the air impact analysis shall include all of the information and data

specified in R18-2-407.

4. If an applicant seeks an exemption from any or all of the requirements of R18-2-406, the applicant shall provide sufficient information and data in the application to demonstrate compliance with the requirements of the subsection(s) under which an exemption is sought.
19. Calculations on which all information requested in this appendix is based.

SUBMITTING A COMPLETE PERMIT APPLICATION

These directions are to be used in conjunction with the Standard Permit Application and Filing Instructions contained in Attachment 1. These directions can be used for permit applications to construct new, reconstruct, renew, or modify existing equipment.

The application form and filing instructions are designed to assist the applicant in providing the information which will allow the Arizona Department of Environmental Quality (ADEQ) to determine the applicable regulations, determine if the standards will be met, and determine which fees apply.

Standard Permit Application Form (See attached)

ADEQ requires all applicants to submit the Standard Application Form. *Items #1 through #5* of the application form are self-explanatory. The rest are explained below in detail.

Item #6 asks for the Plant/Site Manager or Contact Person. This should be the person who is responsible for implementing the permit at the facility and the person ADEQ may contact for additional information.

Item #7 requests the current or proposed location of the facility. If the application is for a portable plant, a Move Notice Form must be completed and returned to ADEQ each time the plant is moved. This form can be obtained by contacting ADEQ.

Item #8 asks for the equipment purpose. This should be in terms of what is produced at the plant. The equipment list/description can be a general description of the facility. A detailed list of equipment is requested later.

Under *Item #9*, if the "other" box is checked, please be specific as to what the organization is.

Item #10, Permit Application Basis, indicates what type of permit is necessary. If the facility is already permitted and is applying for a permit revision or renewal, then the current permit number must be included. The Date of Commencement of Construction or Modification is the expected date that construction will begin. This date need not be definite. If there is any chance that the equipment will be leased out, answer "yes" to the last part of item #10. If you check "no," the permit will contain a condition which prohibits leasing of the equipment; changing this condition will require a permit revision. The Standard Industrial Classification Code is a number which describes the type of facility. The State Permit Class is the class of permit which was issued to the facility under the previous permitting program. The state permit class and Standard Industrial Classification Code can be obtained by contacting ADEQ at (800) 234-5677, extension 771-2338.

The "Responsible Official" referred to in *Item #11* is the owner or a partner of the company in most cases. It may also be the person responsible for environmental compliance. If there is a question as to who the responsible official is, contact ADEQ.

Citation and Description of all Applicable Requirements

Applicants must list all federal and state requirements which may apply to the source. These may include:

- Federal New Source Performance Standards (NSPS)
- State regulations
- PSD/NSR permit requirements
- Testing requirements (including test methods; the previous permit should specify the testing

requirements)

- Monitoring requirements (usually for larger sources)
- Hazardous air pollutant (HAP) requirements
- Acid Rain Program requirements

Description of Proposed Exemptions from Otherwise Applicable Requirements

Proposed exemptions may include, but are not limited to:

- Generators rated at less than 244 KW (325 HP) are exempt from permitting
- Fuel burning equipment under 500,000 BTU per hour for more than an 8-hour period is exempt from permitting
- "Insignificant Activities" are exempt from permitting, these may include:
 - Laboratory activities
 - Building maintenance
 - Some small liquid storage tanks

Note: Insignificant activities must be listed in the application but the associated emissions or equipment details need not be included.

Process Description

This description should help ADEQ staff to understand the manufacturing process used at the facility. The description should include:

- Description of the process to be carried out in each unit
- Description of Products
- Description of raw materials, intermediates and products (including fuels, solvents etc.)
- Process flow diagram (should track the process description)

Description Of Alternate Operating Scenarios

ADEQ allows applicants to submit alternating operating scenarios to allow for operational flexibility.

- Incorporated into the permit and allows operational changes without a permit revision
- Source need not contact ADEQ to switch to alternate operating scenario, but must keep a record
- Examples Include Varying:
 - Fuels
 - Solvents
 - Equipment Configurations
 - Products
 - Raw Materials

• Application Must Include for Each Scenario:

- Additional Regulations Which Apply to the Scenario
- Process Description
- Process Flow Diagram

Site Diagram

- Equipment and Building Layout
- Building Heights

- Location of Emission Points
- Property Boundaries
- Adjacent Streets
- Directional Arrow
- Elevation
- Scale (ADEQ will accept diagrams which are not scaled, but all dimensions must be shown)

Air Pollution Control Information

- Identification, location, and description of air pollution control equipment and techniques for example:
 - scrubbers
 - spray nozzles
 - water trucks
 - compliance monitoring activities
- Rated and operating efficiency of control equipment (rated efficiency should be available from the manufacturer of the equipment)
- Data used to establish efficiency for example:
 - Air-to-cloth Ratio for Baghouses
 - Pressure Drop for Scrubbers
 - May include warranty or manufacturer guarantee
- Evidence that the new or modified equipment will not violate any ambient air quality standards or PSD increments
 - Typically for a change in equipment at larger sources
- Description of, or reference to, any applicable test method for determining compliance with all requirements

Description of all Process and Control Equipment Requiring a Permit Including

- Type of Equipment
- Make
- Model
- Serial Number
- Date of Manufacture
- Rated Capacity or Control Efficiency

Note: Not all of the above information will be available to the applicant upon submitting an application. In such a case the application should include at least the type and the anticipated capacity of the equipment.

Emissions

Applicants must submit the potential emissions of the facility. Emission estimates allow ADEQ to determine the applicable requirements, the ambient air impacts, and whether or not the standards can be met.

Potential Emissions

- Maximum capacity of a source to emit a pollutant under its physical and operational design
- Physical and operational design includes:
 - Limitations on hours of operation
 - Operational limitations on process rate
 - Pollution Controls
 (these limitations may be included in the final permit)
- Regulated air pollutants
 - Conventional (PM₁₀, NO_x, SO_x, VOC, CO, Pb, Ozone)
 - Federal Hazardous Air Pollutants (189

compounds)

- State Hazardous Air Pollutants (not yet finalized)
- Others (any pollutant subject to a standard, and certain CFCs and HCFCs)
- Include fugitive emissions

Emissions for Alternate Operating Scenarios

- Emissions for each scenario are preferred
- ADEQ may accept emissions from the scenario with the highest emission rate
- All possible compounds which may be emitted must be listed
- For example, if the applicant wants to be permitted to use two different equipment configurations which cause the same type pollutants to be emitted but at different rates, only the higher emissions need to be submitted. However, if the applicant wants to be permitted to use two different types of solvents, emissions from both solvents must be included.

Emission Sources Form

The Emissions Sources Form is to be used to submit the emissions in a concise manner. This form is included in Attachment 1. The emission point name and number should correspond to the site diagram. The potential emissions must be reported in terms of pounds per hour and tons per year. Universe Transmercator (UTM) coordinates are only required for major sources. The exit height of the stack above the ground and above the building must be shown. In addition, the inside dimensions or diameter of the exit as well as the exit gas velocity and exit gas temperature should be included. Finally, the length and width of the area which encompasses the fugitive emissions are required.

Calculating Emissions

- EPA's *Compilation of Air Pollutant Emission Factors*, a.k.a. AP-42
 - most commonly used and always accepted
 - generally does not include HAPs emissions
 - generally does not speciate VOCs
- Emission tests from a similar plant or the actual plant
- Other published studies provided conditions are similar (will be used most often to estimate HAPs)
- Engineering calculations such as a material balance
- Include all information and references used to estimate emissions (ADEQ prefers copies of the references used)

Information Used to Estimate Emissions

- Maximum annual and hourly process rates for each piece of equipment
- Maximum annual and hourly process rates for the whole plant
- Type and composition of fuels used (e.g. sulfur content)
- Annual and hourly quantity of fuel used
- Heating value of fuel
- Annual and hourly quantity of raw materials used
- Operating schedule
 - Hours per day
 - Days Per year

- Percent of annual production by season
- Material balance (if used)
- All calculations

Additional Requirements for New Major Sources or Modifications in Nonattainment Areas

- Lowest achievable emission rate (LAER) determination
- Demonstration that existing sources owned by the applicant are in compliance
- Offset determination
- Site and environmental analysis

Additional Requirements for New Major Sources or Modifications in Attainment Areas

- Demonstration of how the plant will meet requirements
- Best available control technology (BACT) determination
- Ambient air impact analysis

Compliance Plan

- Description of compliance status of the source with respect to each requirement including any existing permit conditions (for existing sources)
- Description of how a new source or modification will comply with the applicable requirements (e.g. control schemes, record keeping, submission of reports)
- A compliance schedule is required for requirements with which the source is not in compliance

Compliance Schedule

- A statement that the source will continue to comply with requirements with which the plant currently complies
- A statement that the source will meet requirements which become effective during the permit term
- Sequence of actions for remedial measures
- Milestones leading to compliance
- Schedule for submission of progress reports (reports must be submitted at least every six months)

Compliance Certification

- Certification of compliance with applicable requirements (for items with which the source is in compliance)
- Statement of the methods used to determine compliance
 - Emission Testing
 - Records
 - Monitoring
 - Inspection reports by ADEQ
- Schedule for submission of compliance certifications at least annually
- Certification of truth accuracy and completeness (applies to the entire application, signed by the responsible official)

Note:

Applicants are legally required to correct any incomplete or incorrect information submitted in the application upon discovery.

PERMIT ISSUANCE TIME FRAMES

According to A.A.C. R18-1-525, ADEQ has a specified number of business days to determine if a submitted permit application is complete. The time period that the Department has to make this determination is called the Administrative Completeness Review time frame (ACRTF). Once the application is determined to be complete, the Department has a specified number of business days to make a licensing decision on the application. The time period that the Department has to make a licensing decision after the ACRTF is called the Substantive Review time frame (SRTF). The time frame that the Department has in the ACRTF and the SRTF depend on the type of permit being applied for. These time frames were established as limits for the longest amount of time that the Permit Section can take to process a permit application. Often the time it takes to issue a permit is much less.

The listed times frames are in days, and refer to working days. The time frame period begins when the permit application is submitted, and ends when a licensing decision is reached. Tables 1 and 2 below list the number of days for the various types of permits.

The counting of the days can be suspended by the Department upon the determination that additional information is needed. In such a case, a letter will be sent to the applicant informing them that the counting of days has been suspended, and will also specify what additional information is necessary to continue processing the application.

For more information concerning the application and functionality of licensing time frames, please refer to A.A.C. Title 18, Chapter 1, Article 5.

Table 1. Class I Air Licenses

License Category	ACRTF Days	SRTF Days
Individual Class I prevention of significant deterioration (PSD) licenses		
Standard Class I PSD major source permit with no public hearing	41	219
Standard Class I PSD major source permit with a public hearing	41	251
Complex Class I PSD major source permit with no public hearing	41	281
Complex Class I PSD major source permit with a public hearing	41	313
Individual Class I major new source review (NSR) licenses		
Standard Class I major NSR permit with no public hearing	41	219
Standard Class I major NSR permit with a public hearing	41	251
Complex Class I major NSR permit with no public hearing	41	281
Complex Class I major NSR permit with a public hearing	41	313
Individual Class I other major source licenses		
Standard Class I other major source permit with no public hearing	41	344
Standard Class I other major source permit with a public hearing	41	376
Complex Class I other major source permit with no public hearing	41	406
Complex Class I other major source permit with a public hearing	41	438
Individual Class I renewal licenses		
Standard Class I renewal permit with no public hearing	41	344
Standard Class I renewal permit with a public hearing	41	376
Complex Class I renewal permit with no public hearing	41	406
Complex Class I renewal permit with a public hearing	41	438

Table 1. Class I Air Licenses Continued

Individual Class I transfer, amendment, and revision licenses		
Class I transfer	5	10
Class I administrative amendment	10	41
Class I minor revision	41	103
Standard Class I significant revision with no public hearing	41	344
Standard Class I significant revision with a public hearing	41	376
Complex Class I significant revision with no public hearing	41	406
Complex Class I significant revision with a public hearing	41	438

Authority to operate (ATO) under Class I general permit licenses		
Class I general permit petition	21	61
Class I general coverage ATO new permit	21	103
Class I general coverage ATO renewal permit	21	103

Table 2. Class II Air Licenses

License Category	ACRTF Days	SRTF Days
Individual Class II new licenses		
Standard Class II permit with no public hearing	41	240
Standard Class II permit with a public hearing	41	272
Complex Class II permit with no public hearing	41	302
Complex Class II permit with a public hearing	41	334

Individual Class II renewal licenses		
Standard Class II renewal with no public hearing	41	240
Standard Class II renewal with a public hearing	41	272
Complex Class II renewal with no public hearing	41	302
Complex Class II renewal with a public hearing	41	334

Individual Class II transfer, amendment, and revision licenses		
Class II transfer	5	10
Class II administrative amendment	10	41
Class II minor revision	41	62
Standard Class II significant revision with no public hearing	41	198
Standard Class II significant revision with a public hearing	41	230
Complex Class II significant revision with no public hearing	41	260
Complex Class II significant revision with a public hearing	41	292

Authority to operate (ATO) under general permit licenses		
Class II general permit petition	21	61
Class II general coverage ATO new permit	21	103
Class II general coverage ATO renewal permit	21	103
Class II general coverage ATO variance	21	103

Fee Rule Summary for Class I Sources – Revised 2010

SOURCE

Class I

Individual Title V

Processing Fee
Per Hour:

\$139.50

No Maximum Fee

Accelerated Permit
Application Fee²:

\$15,000

Annual Administrative Fee

Aerospace:	\$21,730
Air Curtain Destructors:	\$780
Cement Plants:	\$66,530
Combustion/Boilers:	\$16,170
Compressor stations:	\$13,300
Electronics:	\$21,400
Expandable Foam:	\$15,340
Foundries:	\$20,390
Landfills:	\$16,670
Lime Plants:	\$62,850
Copper & Nickel Plants:	\$15,670
Gold Mines:	\$15,670
Mobile Home Manufacturing:	\$15,490
Paper Mills:	\$21,390
Paper Coaters:	\$16,170
Petroleum Products Terminal facilities:	\$23,740
Polymeric Fabric Coaters:	\$21,390
Reinforced Plastics:	\$16,170
Semiconductors Fabrication:	\$28,130
Copper Smelters:	\$66,530
Utilities-Coal Fired:	\$34,020
Utilities-Fossil Fuel Fired Except Coal:	\$17,170
Vitamin/Pharmaceutical Manufacturing:	\$16,510
Wood Furniture:	\$16,170
Others:	\$21,400
Others with Continuous Emission Monitoring:	\$21,400

Emission Based Fee:

Fee per Ton for all regulated Pollutants	\$39.96
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Fee Rule Summary for Class II Sources - Revised 2010

Source

Class II

Title V

Non-Title V

Individual

General Permit¹

Individual

General Permit¹

Processing

Fee
Per Hour:

\$139.50

No
Maximum

Fee

Annual

**Administrative
Fee:**

	Administrative fee from the Class I Title V table for the category
Synthetic Minor, Except portable sources:	\$8,430
Stationary Source:	\$8,430
Portable Source:	\$8,430
Small Source ³ :	\$780

Application

Fee:

\$500

Annual

**Administrative
Fee:**

Small Source ³ :	\$750
Others:	\$4,520

Processing
Fee

Per Hour:

\$139.50
Maximum
Fee:

\$25,000

Annual

Inspection Fee:

Stationary Source:	\$5,460
Portable Source:	\$5,460
Gasoline Service Stations:	\$780

Application

Fee:

\$500

Annual

Inspection Fee:

Crematorium:	\$1,500
Others:	\$3,020

Accelerated

Permit
Application
Fee²:

\$15,000

Accelerated
Permit
Application
Fee²
\$15,000

Maximum
Fee: \$25,000

Notes:

1. There is a \$500 fee to add equipment to a facility covered by a General Permit if the equipment necessitates the issuance of new Authorizations to Operate.
2. Accelerated Permit Fees will include the hourly rate for all ADEQ engineer hours in addition to contractor fees.
3. According to Arizona Administrative Code (A.A.C.) R18-2-301.18, "Small source" means a source with a potential to emit, without controls, less than the rate defined as significant in A.A.C. R18-2-101, but required to obtain a permit solely because it is subject to a standard under 40 Code of Federal Regulations (CFR) 63.

There is no fee for transfers, administrative amendments, or facility change notices that do not require a permit revision.

The fee rates will be adjusted each year on November 1st based on the CPI index.

Administrative and Inspection fees are due each year no later than February 1st of each year, or 60 days after mailed.

Information for this table was taken from A.A.C. R18-2-301, R18-2-326 and R18-2-511.